



Australian Council for Educational Research



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Longitudinal Surveys of  
Australian Youth

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**PRELIMINARY CODEBOOK:  
THE LSAY 2006 SAMPLE OF 15 YEAR OLDS  
WAVE 1 (2006)**

**Technical Report Number 42p**

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**April 2007**

## ***Longitudinal Surveys of Australian Youth***

*Longitudinal Surveys of Australian Youth* is a program of surveys of young people jointly managed by ACER and the Australian Government Department of Education, Science and Training (DEST). The surveys focus on the education and labour market experiences of groups of young Australians, beginning from their middle years of secondary schooling. Data collected include basic demographic variables, as well as information about educational and labour force participation and experiences extending over a number of years.

The present form of the LSAY program commenced in 1995 with a national sample of Year 9 students. A new cohort of 15 year-olds began in 2003, using the sample of 15 year-olds who had participated in the Programme for International Student Assessment (PISA), conducted by the Organisation for Economic Co-operation and Development (OECD). The program also brings together earlier longitudinal studies conducted by ACER under the Youth in Transition (YIT) program, and by the Commonwealth under the Australian Longitudinal Survey (ALS) and Australian Youth Survey (AYS) programs. The data collected through LSAY are deposited with the Australian Social Science Data Archive (ASSDA) for use by other researchers.

### **The 2006 Sample of 15 Year-olds (Y06)**

In 2006, a nationally representative sample of approximately 13 000 15 year-old students was selected to participate in OECD PISA. More than 10 000 of these young people became the fourth cohort of the Longitudinal Surveys of Australian Youth. The PISA sample was constructed by randomly selecting fifty 15 year-old students from a sample of schools designed to represent state and sector. Assessments in mathematical literacy, reading literacy, scientific literacy and problem solving were administered to students in their schools to provide information on school achievement for use in later analyses of educational and labour market participation. Students also completed a background questionnaire about their families, educational and vocational plans, and attitudes to school. For the earlier PISA-based LSAY sample in 2003, follow-up telephone interviews were used to obtain further information from students on their schools and on part-time work. In 2006, similar questions were included in the PISA Student Questionnaire completed at school. Details on PISA are provided in publications from the OECD, available at <http://www.pisa.oecd.org>.

### **Contents of the Preliminary Codebook**

This preliminary codebook contains information on the data that will be available from the PISA Student Questionnaire. The questionnaire contained a number of items that were national options in Australia, for use in the LSAY program. These items were based on items contained in previous LSAY questionnaires. The items to be included were determined by the LSAY Management Group and approved by the Australian National Advisory Committee.

Other items will be contained in the final codebook for the Y06 cohort in 2006. The final codebook will include results from the PISA student assessments and scale variables derived from items in the Student Questionnaire. In addition, items that do not meet measurement standards for PISA will be eliminated from the data set. For an indication of derived variables that may be included in the final data set, the reader is advised to consult the LSAY Y03 cohort in 2003 codebook.

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**PISA 2006: Student Questionnaire Codebook**

StIDStrt	1 - 2	Stratum ID	StID Strata
	Validation Rule like "[0-9][0-9]"		
StIDSch	3 - 5	School ID	StID School
	Validation Rule like "[0-9][0-9][0-9]"		
StIDStd	6 - 10	Student ID	StID Student
	Validation Rule Like "[0-9][0-9][0-9][0-9][0-9]"		
ST01Q01	11 - 23	Grade	Q1
	Validation Rule Between 1 and 20 or 96 or 99		
	Value	Value Label	
	96	Ungraded	
	99	Missing	
ST02Q01	24 - 36	<Programme>	Q2
	Validation Rule Between 1 and 80 or 97 or 98 or 99		
	Value	Value Label	
	97	N/A	
	98	Invalid	
	99	Miss	
ST03Q01	37 - 38	Birth Day	Q3a: day
	Validation Rule Like "[0][1-9]" or like "[1,2][0-9]" or like "[3][0,1]" or "97" or "98" or "99"		
	Value	Value Label	
	97	N/A	
	98	Invalid	
	99	Miss	
ST03Q02	39 - 40	Birth Month	Q3b: mth
	Validation Rule Like "[0][1-9]" or like "[1][0-2]" or "97" or "98" or "99"		
	Value	Value Label	
	97	N/A	
	98	Invalid	
	99	Miss	
ST03Q03	41 - 42	Birth Year	Q3c: yr
	Validation Rule Like "[8][4-9]" or like "[9][0-4]" or "97" or "98" or "99"		
	Value	Value Label	
	97	N/A	
	98	Invalid	
	99	Miss	

ST04Q01	43 - 43	Sex	Q4
	Validation Rule		
	"1" or "2" or "7" or "8" or "9"		
	Value	Value Label	
	1	Female	
	2	Male	
	7	N/A	
	8	Invalid	
	9	Miss	
ST43N01	44 - 44	No, not ATSI	Q5a
	Validation Rule		
	"0" or "1" or "7" or "8" or "9"		
	Value	Value Label	
	0	No tick	
	1	Tick	
	7	N/A	
	8	Invalid	
	9	Miss	
ST43N02	45 - 45	Yes, Aboriginal	Q5b
	Validation Rule		
	"0" or "1" or "7" or "8" or "9"		
	Value	Value Label	
	0	No tick	
	1	Tick	
	7	N/A	
	8	Invalid	
	9	Miss	
ST43N03	46 - 46	Yes, TSI	Q5c
	Validation Rule		
	"0" or "1" or "7" or "8" or "9"		
	Value	Value Label	
	0	No tick	
	1	Tick	
	7	N/A	
	8	Invalid	
	9	Miss	
ST06N01	47 - 166	Mother's main job	Q6a: Mother's Job
ST06N02	167 - 286	Describe mother's main job	Q6b: Describe job
ST06Q01	287 - 287	Mother Highest Schooling	Q7
	Validation Rule		
	"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"		
	Value	Value Label	
	1	Completed Yr 12	
	2	Completed Yr 10 or 11 & TAFE training cert	
	3	Completed some secondary, but not more than Yr 10	
	4	Completed primary school only	
	5	Did not complete primary school	
	7	N/A	
	8	Invalid	
	9	Miss	

ST07Q01	288 - 288	Mother Uni degree	Q8a
	Validation Rule		
	"1" or "2" or "7" or "8" or "9"		
	Value	Value Label	
	1	Yes	
	2	No	
	7	N/A	
	8	Invalid	
	9	Miss	
ST07Q02	289 - 289	Mother TAFE diploma	Q8b
	Validation Rule		
	"1" or "2" or "7" or "8" or "9"		
	Value	Value Label	
	1	Yes	
	2	No	
	7	N/A	
	8	Invalid	
	9	Miss	
ST07Q03	290 - 290	Mother TAFE training cert	Q8c
	Validation Rule		
	"1" or "2" or "7" or "8" or "9"		
	Value	Value Label	
	1	Yes	
	2	No	
	7	N/A	
	8	Invalid	
	9	Miss	
ST07N01	291 - 410	Father's main job	Q9a: Father's job
ST07N02	411 - 530	Describe father's main job	Q9b: Describe job
ST09Q01	531 - 531	Father Highest Schooling	Q10
	Validation Rule		
	"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"		
	Value	Value Label	
	1	Completed Yr 12	
	2	Completed yr 10 or 11 & TAFE training cert	
	3	Completed some secondary, but not more than Yr 10	
	4	Completed primary school only	
	5	Did Not Complete primary school	
	7	N/A	
	8	Invalid	
	9	Miss	
ST10Q01	532 - 532	Father Uni degree	Q11a
	Validation Rule		
	"1" or "2" or "7" or "8" or "9"		
	Value	Value Label	
	1	Yes	
	2	No	
	7	N/A	
	8	Invalid	
	9	Miss	

ST10Q02	533 - 533	Father TAFE diploma	Q11b
	Validation Rule		
	"1" or "2" or "7" or "8" or "9"		
	Value	Value Label	
	1	Yes	
	2	No	
	7	N/A	
	8	Invalid	
	9	Miss	
ST10Q03	534 - 534	Father TAFE training cert	Q11c
	Validation Rule		
	"1" or "2" or "7" or "8" or "9"		
	Value	Value Label	
	1	Yes	
	2	No	
	7	N/A	
	8	Invalid	
	9	Miss	
ST11Q01	535 - 536	Country of birth Self	Q12a COB - Self
	Validation Rule		
	Between "01" and "20" or "97" or "98" or "99"		
	Value	Value Label	
	97	N/A	
	98	Invalid	
	99	Miss	
ST11N01	537 - 656	COB Self - Other	Q12a Self - other
ST11Q02	657 - 658	Country of birth Mother	Q12a COB - Moth
	Validation Rule		
	Between "01" and "20" or "97" or "98" or "99"		
	Value	Value Label	
	97	N/A	
	98	Invalid	
	99	Miss	
ST11N02	659 - 778	COB Mother - Other	Q12a Moth - other
ST11Q03	779 - 780	Country of birth Father	Q12a COB - Fath
	Validation Rule		
	Between "01" and "20" or "97" or "98" or "99"		
	Value	Value Label	
	97	N/A	
	98	Invalid	
	99	Miss	
ST11N03	781 - 900	COB Father - Other	Q12a Fath - other
ST11Q04	901 - 913	Country of birth Age	Q12b
	Validation Rule		
	Between 0 and 16 or 97 or 98 or 99		
	Value	Value Label	
	97	N/A	
	98	Invalid	
	99	Miss	

ST12Q01	914 - 916 Language at home	Q13
	Validation Rule	
	Between "100" and "560" or Between "600" and "790" or between "800" and "880" or "997" or "998" or "999"	
	Value	Value Label
	997	N/A
	998	Invalid
	999	Missing
ST12N01	917 - 1036 Language - other	Q13 Other lang
ST13Q01	1037 - 1037 Possessions desk	Q14a
	Validation Rule	
	"1" or "2" or "7" or "8" or "9"	
	Value	Value Label
	1	Yes
	2	No
	7	N/A
	8	Invalid
	9	Miss
ST13Q02	1038 - 1038 Possessions own room	Q14b
	Validation Rule	
	"1" or "2" or "7" or "8" or "9"	
	Value	Value Label
	1	Yes
	2	No
	7	N/A
	8	Invalid
	9	Miss
ST13Q03	1039 - 1039 Possessions study place	Q14c
	Validation Rule	
	"1" or "2" or "7" or "8" or "9"	
	Value	Value Label
	1	Yes
	2	No
	7	N/A
	8	Invalid
	9	Miss
ST13Q04	1040 - 1040 Possessions computer	Q14d
	Validation Rule	
	"1" or "2" or "7" or "8" or "9"	
	Value	Value Label
	1	Yes
	2	No
	7	N/A
	8	Invalid
	9	Miss
ST13Q05	1041 - 1041 Possessions software	Q14e
	Validation Rule	
	"1" or "2" or "7" or "8" or "9"	
	Value	Value Label
	1	Yes
	2	No
	7	N/A
	8	Invalid
	9	Miss

ST13Q06	1042 - 1042 Possessions Internet	Q14f
	Validation Rule	
	"1" or "2" or "7" or "8" or "9"	
	Value	Value Label
	1	Yes
	2	No
	7	N/A
	8	Invalid
	9	Miss
ST13Q07	1043 - 1043 Possessions calculator	Q14g
	Validation Rule	
	"1" or "2" or "7" or "8" or "9"	
	Value	Value Label
	1	Yes
	2	No
	7	N/A
	8	Invalid
	9	Miss
ST13Q08	1044 - 1044 Possessions literature	Q14h
	Validation Rule	
	"1" or "2" or "7" or "8" or "9"	
	Value	Value Label
	1	Yes
	2	No
	7	N/A
	8	Invalid
	9	Miss
ST13Q09	1045 - 1045 Possessions poetry	Q14i
	Validation Rule	
	"1" or "2" or "7" or "8" or "9"	
	Value	Value Label
	1	Yes
	2	No
	7	N/A
	8	Invalid
	9	Miss
ST13Q10	1046 - 1046 Possessions art	Q14j
	Validation Rule	
	"1" or "2" or "7" or "8" or "9"	
	Value	Value Label
	1	Yes
	2	No
	7	N/A
	8	Invalid
	9	Miss
ST13Q11	1047 - 1047 Possessions textbooks	Q14k
	Validation Rule	
	"1" or "2" or "7" or "8" or "9"	
	Value	Value Label
	1	Yes
	2	No
	7	N/A
	8	Invalid
	9	Miss



ST13Q12	1048 - 1048 Possessions dictionary	Q14l
	Validation Rule	
	"1" or "2" or "7" or "8" or "9"	
	Value	Value Label
	1	Yes
	2	No
	7	N/A
	8	Invalid
	9	Miss
ST13Q13	1049 - 1049 Possessions dishwasher	Q14m
	Validation Rule	
	"1" or "2" or "7" or "8" or "9"	
	Value	Value Label
	1	Yes
	2	No
	7	N/A
	8	Invalid
	9	Miss
ST13Q14	1050 - 1050 Possessions DVD or VCR player	Q14n
	Validation Rule	
	"1" or "2" or "7" or "8" or "9"	
	Value	Value Label
	1	Yes
	2	No
	7	N/A
	8	Invalid
	9	Miss
ST13Q15	1051 - 1051 Possessions Cable/pay TV	Q14o
	Validation Rule	
	"1" or "2" or "7" or "8" or "9"	
	Value	Value Label
	1	Yes
	2	No
	7	N/A
	8	Invalid
	9	Miss
ST13Q16	1052 - 1052 Possessions Digital camera	Q14p
	Validation Rule	
	"1" or "2" or "7" or "8" or "9"	
	Value	Value Label
	1	Yes
	2	No
	7	N/A
	8	Invalid
	9	Miss
ST13Q17	1053 - 1053 Possessions Plasma TV	Q14q
	Validation Rule	
	"1" or "2" or "7" or "8" or "9"	
	Value	Value Label
	1	Yes
	2	No
	7	N/A
	8	Invalid
	9	Miss

ST14Q01	1054 - 1054	How many phones	Q15a
		Validation Rule	
		"1" or "2" or "3" or "4" or "7" or "8" or "9"	
		Value	Value Label
		1	None
		2	One
		3	Two
		4	Three or more
		7	N/A
		8	Invalid
		9	Miss
ST14Q02	1055 - 1055	How many televisions	Q15b
		Validation Rule	
		"1" or "2" or "3" or "4" or "7" or "8" or "9"	
		Value	Value Label
		1	None
		2	One
		3	Two
		4	Three or more
		7	N/A
		8	Invalid
		9	Miss
ST14Q03	1056 - 1056	How many computers	Q15c
		Validation Rule	
		"1" or "2" or "3" or "4" or "7" or "8" or "9"	
		Value	Value Label
		1	None
		2	One
		3	Two
		4	Three or more
		7	N/A
		8	Invalid
		9	Miss
ST14Q04	1057 - 1057	How many cars	Q15d
		Validation Rule	
		"1" or "2" or "3" or "4" or "7" or "8" or "9"	
		Value	Value Label
		1	None
		2	One
		3	Two
		4	Three or more
		7	N/A
		8	Invalid
		9	Miss
ST14Q05	1058 - 1058	How many bath or shower	Q15e
		Validation Rule	
		"1" or "2" or "3" or "4" or "7" or "8" or "9"	
		Value	Value Label
		1	None
		2	One
		3	Two
		4	Three or more
		7	N/A
		8	Invalid
		9	Miss

ST15Q01	1059 - 1059 How many books at home	Q16
	Validation Rule	
	"1" or "2" or "3" or "4" or "5" or "6" or "7" or "8" or "9"	
	Value	Value Label
	1	0-10 books
	2	11-25 books
	3	26-100 books
	4	101-200 books
	5	201-500 books
	6	More than 500 books
	7	N/A
	8	Invalid
	9	Miss
ST16Q01	1060 - 1060 Sci Enjoy - Have Fun	Q17a
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Strongly agree
	2	Agree
	3	Disagree
	4	Strongly disagree
	7	N/A
	8	Invalid
	9	Miss
ST16Q02	1061 - 1061 Sci Enjoy - Like Reading	Q17b
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Strongly agree
	2	Agree
	3	Disagree
	4	Strongly disagree
	7	N/A
	8	Invalid
	9	Miss
ST16Q03	1062 - 1062 Sci Enjoy - Sci Problems	Q17c
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Strongly agree
	2	Agree
	3	Disagree
	4	Strongly disagree
	7	N/A
	8	Invalid
	9	Miss

ST16Q04	1063 - 1063 Sci Enjoy - New Knowledge	Q17d
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Strongly agree
	2	Agree
	3	Disagree
	4	Strongly disagree
	7	N/A
	8	Invalid
	9	Miss
ST16Q05	1064 - 1064 Sci Enjoy - Learning Science	Q17e
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Strongly agree
	2	Agree
	3	Disagree
	4	Strongly disagree
	7	N/A
	8	Invalid
	9	Miss
ST17Q01	1065 - 1065 Sci Tasks - Newspaper	Q18a
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Do easily
	2	With some effort
	3	Struggle on own
	4	Couldn't do it
	7	N/A
	8	Invalid
	9	Miss
ST17Q02	1066 - 1066 Sci Tasks - Earthquakes	Q18b
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Do easily
	2	With some effort
	3	Struggle on own
	4	Couldn't do it
	7	N/A
	8	Invalid
	9	Miss
ST17Q03	1067 - 1067 Sci Tasks - Antibiotics	Q18c
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Do easily
	2	With some effort
	3	Struggle on own
	4	Couldn't do it
	7	N/A
	8	Invalid
	9	Miss

ST17Q04	1068 - 1068 Sci Tasks - Garbage	Q18d
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Do easily
	2	With some effort
	3	Struggle on own
	4	Couldn't do it
	7	N/A
	8	Invalid
	9	Miss
ST17Q05	1069 - 1069 Sci Tasks - Species survival	Q18e
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Do easily
	2	With some effort
	3	Struggle on own
	4	Couldn't do it
	7	N/A
	8	Invalid
	9	Miss
ST17Q06	1070 - 1070 Sci Tasks - Food labels	Q18f
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Do easily
	2	With some effort
	3	Struggle on own
	4	Couldn't do it
	7	N/A
	8	Invalid
	9	Miss
ST17Q07	1071 - 1071 Sci Tasks - Life on Mars	Q18g
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Do easily
	2	With some effort
	3	Struggle on own
	4	Couldn't do it
	7	N/A
	8	Invalid
	9	Miss
ST17Q08	1072 - 1072 Sci Tasks - Acid rain	Q18h
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Do easily
	2	With some effort
	3	Struggle on own
	4	Couldn't do it
	7	N/A
	8	Invalid
	9	Miss

ST18Q01	1073 - 1073 Sci Value - Living conditions	Q19a
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Strongly agree
	2	Agree
	3	Disagree
	4	Strongly disagree
	7	N/A
	8	Invalid
	9	Miss
ST18Q02	1074 - 1074 Sci Value - Natural world	Q19b
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Strongly agree
	2	Agree
	3	Disagree
	4	Strongly disagree
	7	N/A
	8	Invalid
	9	Miss
ST18Q03	1075 - 1075 Sci Value - Relate to others	Q19c
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Strongly agree
	2	Agree
	3	Disagree
	4	Strongly disagree
	7	N/A
	8	Invalid
	9	Miss
ST18Q04	1076 - 1076 Sci Value - Improve economy	Q19d
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Strongly agree
	2	Agree
	3	Disagree
	4	Strongly disagree
	7	N/A
	8	Invalid
	9	Miss
ST18Q05	1077 - 1077 Sci Value - Use as adult	Q19e
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Strongly agree
	2	Agree
	3	Disagree
	4	Strongly disagree
	7	N/A
	8	Invalid
	9	Miss

ST18Q06	1078 - 1078 Sci Value - Value to society	Q19f
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Strongly agree
	2	Agree
	3	Disagree
	4	Strongly disagree
	7	N/A
	8	Invalid
	9	Miss
ST18Q07	1079 - 1079 Sci Value - Relevant to me	Q19g
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Strongly agree
	2	Agree
	3	Disagree
	4	Strongly disagree
	7	N/A
	8	Invalid
	9	Miss
ST18Q08	1080 - 1080 Sci Value - Help Understand	Q19h
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Strongly agree
	2	Agree
	3	Disagree
	4	Strongly disagree
	7	N/A
	8	Invalid
	9	Miss
ST18Q09	1081 - 1081 Sci Value - Social benefits	Q19i
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Strongly agree
	2	Agree
	3	Disagree
	4	Strongly disagree
	7	N/A
	8	Invalid
	9	Miss
ST18Q10	1082 - 1082 Sci Value - Opportunities	Q19j
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Strongly agree
	2	Agree
	3	Disagree
	4	Strongly disagree
	7	N/A
	8	Invalid
	9	Miss

ST19Q01	1083 - 1083 Sci Activity - Science TV	Q20a
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Very often
	2	Regularly
	3	Sometimes
	4	Hardly ever
	7	N/A
	8	Invalid
	9	Miss
ST19Q02	1084 - 1084 Sci Activity - Science Books	Q20b
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Very often
	2	Regularly
	3	Sometimes
	4	Hardly ever
	7	N/A
	8	Invalid
	9	Miss
ST19Q03	1085 - 1085 Sci Activity - Web content	Q20c
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Very often
	2	Regularly
	3	Sometimes
	4	Hardly ever
	7	N/A
	8	Invalid
	9	Miss
ST19Q04	1086 - 1086 Sci Activity - Science Radio	Q20d
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Very often
	2	Regularly
	3	Sometimes
	4	Hardly ever
	7	N/A
	8	Invalid
	9	Miss
ST19Q05	1087 - 1087 Sci Activity - Science Mags	Q20e
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Very often
	2	Regularly
	3	Sometimes
	4	Hardly ever
	7	N/A
	8	Invalid
	9	Miss



ST19Q06	1088 - 1088 Sci Activity - Science Club	Q20f
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Very often
	2	Regularly
	3	Sometimes
	4	Hardly ever
	7	N/A
	8	Invalid
	9	Miss
ST20Q01	1089 - 1094 Sci info - Photosynthesis	Q21a
	Validation Rule	
	Like "[1278][1278][1278][1278][1278][1278]"	
	Value	Value Label
	1	Tick
	2	No Tick
	7	N/A
	8	Invalid
ST20Q02	1095 - 1100 Sci info - Continents	Q21b
	Validation Rule	
	Like "[1278][1278][1278][1278][1278][1278]"	
	Value	Value Label
	1	Tick
	2	No Tick
	7	N/A
	8	Invalid
ST20Q03	1101 - 1106 Sci info - Genes	Q21c
	Validation Rule	
	Like "[1278][1278][1278][1278][1278][1278]"	
	Value	Value Label
	1	Tick
	2	No Tick
	7	N/A
	8	Invalid
ST20Q04	1107 - 1112 Sci info - Soundproofing	Q21d
	Validation Rule	
	Like "[1278][1278][1278][1278][1278][1278]"	
	Value	Value Label
	1	Tick
	2	No Tick
	7	N/A
	8	Invalid
ST20Q05	1113 - 1118 Sci info - Climate Change	Q21e
	Validation Rule	
	Like "[1278][1278][1278][1278][1278][1278]"	
	Value	Value Label
	1	Tick
	2	No Tick
	7	N/A
	8	Invalid

ST20Q06	1119 - 1124 Sci info - Evolution	Q21f
	Validation Rule	
	Like "[1278][1278][1278][1278][1278][1278]"	
	Value	Value Label
	1	Tick
	2	No Tick
	7	N/A
	8	Invalid
ST20Q07	1125 - 1130 Sci info - Nuclear Energy	Q21g
	Validation Rule	
	Like "[1278][1278][1278][1278][1278][1278]"	
	Value	Value Label
	1	Tick
	2	No Tick
	7	N/A
	8	Invalid
ST20Q08	1131 - 1136 Sci info - Health	Q21h
	Validation Rule	
	Like "[1278][1278][1278][1278][1278][1278]"	
	Value	Value Label
	1	Tick
	2	No Tick
	7	N/A
	8	Invalid
ST21Q01	1137 - 1137 Sci Interest - Physics	Q22a
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	High Interest
	2	Medium Interest
	3	Low Interest
	4	No Interest
	7	N/A
	8	Invalid
	9	Miss
ST21Q02	1138 - 1138 Sci Interest - Chemistry	Q22b
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	High Interest
	2	Medium Interest
	3	Low Interest
	4	No Interest
	7	N/A
	8	Invalid
	9	Miss

ST21Q03	1139 - 1139 Sci Interest - Plant Biology	Q22c
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	High Interest
	2	Medium Interest
	3	Low Interest
	4	No Interest
	7	N/A
	8	Invalid
	9	Miss
ST21Q04	1140 - 1140 Sci Interest - Human Biology	Q22d
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	High Interest
	2	Medium Interest
	3	Low Interest
	4	No Interest
	7	N/A
	8	Invalid
	9	Miss
ST21Q05	1141 - 1141 Sci Interest - Astronomy	Q22e
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	High Interest
	2	Medium Interest
	3	Low Interest
	4	No Interest
	7	N/A
	8	Invalid
	9	Miss
ST21Q06	1142 - 1142 Sci Interest - Geology	Q22f
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	High Interest
	2	Medium Interest
	3	Low Interest
	4	No Interest
	7	N/A
	8	Invalid
	9	Miss
ST21Q07	1143 - 1143 Sci Interest - Experiments	Q22g
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	High Interest
	2	Medium Interest
	3	Low Interest
	4	No Interest
	7	N/A
	8	Invalid
	9	Miss

ST21Q08	1144 - 1144 Sci Interest - Explanations	Q22h
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	High Interest
	2	Medium Interest
	3	Low Interest
	4	No Interest
	7	N/A
	8	Invalid
	9	Miss
ST22Q01	1145 - 1145 Envr Aware - Greenhouse	Q23a
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Never heard
	2	Know a little
	3	Know something
	4	Familiar
	7	N/A
	8	Invalid
	9	Miss
ST22Q02	1146 - 1146 Envr Aware - Genetic Mod	Q23b
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Never heard
	2	Know a little
	3	Know something
	4	Familiar
	7	N/A
	8	Invalid
	9	Miss
ST22Q03	1147 - 1147 Envr Aware - Acid Rain	Q23c
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Never heard
	2	Know a little
	3	Know something
	4	Familiar
	7	N/A
	8	Invalid
	9	Miss
ST22Q04	1148 - 1148 Envr Aware - Nuclear Waste	Q23d
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Never heard
	2	Know a little
	3	Know something
	4	Familiar
	7	N/A
	8	Invalid
	9	Miss

ST22Q05	1149 - 1149	Envr Aware - Forest Clearing	Q23e
	Validation Rule		
	"1" or "2" or "3" or "4" or "7" or "8" or "9"		
	Value	Value Label	
	1	Never heard	
	2	Know a little	
	3	Know something	
	4	Familiar	
	7	N/A	
	8	Invalid	
	9	Miss	
ST23Q01	1150 - 1155	Envr Info - Air Pollution	Q24a
	Validation Rule		
	Like "[1278][1278][1278][1278][1278][1278]"		
	Value	Value Label	
	1	Tick	
	2	No Tick	
	7	N/A	
	8	Invalid	
ST23Q02	1156 - 1161	Envr Info - Energy Shortages	Q24b
	Validation Rule		
	Like "[1278][1278][1278][1278][1278][1278]"		
	Value	Value Label	
	1	Tick	
	2	No Tick	
	7	N/A	
	8	Invalid	
ST23Q03	1162 - 1167	Envr Info - Extinction	Q24c
	Validation Rule		
	Like "[1278][1278][1278][1278][1278][1278]"		
	Value	Value Label	
	1	Tick	
	2	No Tick	
	7	N/A	
	8	Invalid	
ST23Q04	1168 - 1173	Envr Info - Forest Clearing	Q24d
	Validation Rule		
	Like "[1278][1278][1278][1278][1278][1278]"		
	Value	Value Label	
	1	Tick	
	2	No Tick	
	7	N/A	
	8	Invalid	
ST23Q05	1174 - 1179	Envr Info - Water Shortages	Q24e
	Validation Rule		
	Like "[1278][1278][1278][1278][1278][1278]"		
	Value	Value Label	
	1	Tick	
	2	No Tick	
	7	N/A	
	8	Invalid	

ST23Q06	1180 - 1185 Envr Info - Nuclear Waste	Q24f
	Validation Rule	
	Like "[1278][1278][1278][1278][1278][1278]"	
	Value	Value Label
	1	Tick
	2	No Tick
	7	N/A
	8	Invalid
ST24Q01	1186 - 1186 Envr Issues - Air Pollution	Q25a
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Concern for me
	2	Concern for others
	3	Concern other countries
	4	Not a concern
	7	N/A
	8	Invalid
	9	Miss
ST24Q02	1187 - 1187 Envr Issues - Energy Shortages	Q25b
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Concern for me
	2	Concern for others
	3	Concern other countries
	4	Not a concern
	7	N/A
	8	Invalid
	9	Miss
ST24Q03	1188 - 1188 Envr Issues - Extinction	Q25c
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Concern for me
	2	Concern for others
	3	Concern other countries
	4	Not a concern
	7	N/A
	8	Invalid
	9	Miss
ST24Q04	1189 - 1189 Envr Issues - Forest Clearing	Q25d
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Concern for me
	2	Concern for others
	3	Concern other countries
	4	Not a concern
	7	N/A
	8	Invalid
	9	Miss

ST24Q05	1190 - 1190	Envr Issues - Water Shortages	Q25e
		Validation Rule	
		"1" or "2" or "3" or "4" or "7" or "8" or "9"	
		Value	Value Label
		1	Concern for me
		2	Concern for others
		3	Concern other countries
		4	Not a concern
		7	N/A
		8	Invalid
		9	Miss
ST24Q06	1191 - 1191	Envr Issues - Nuclear Waste	Q25f
		Validation Rule	
		"1" or "2" or "3" or "4" or "7" or "8" or "9"	
		Value	Value Label
		1	Concern for me
		2	Concern for others
		3	Concern other countries
		4	Not a concern
		7	N/A
		8	Invalid
		9	Miss
ST25Q01	1192 - 1192	Envr improve - Air Pollution	Q26a
		Validation Rule	
		"1" or "2" or "3" or "7" or "8" or "9"	
		Value	Value Label
		1	Improve
		2	Stay same
		3	Get worse
		7	N/A
		8	Invalid
		9	Miss
ST25Q02	1193 - 1193	Envr improve - Energy Shortages	Q26b
		Validation Rule	
		"1" or "2" or "3" or "7" or "8" or "9"	
		Value	Value Label
		1	Improve
		2	Stay same
		3	Get worse
		7	N/A
		8	Invalid
		9	Miss
ST25Q03	1194 - 1194	Envr improve - Extinction	Q26c
		Validation Rule	
		"1" or "2" or "3" or "7" or "8" or "9"	
		Value	Value Label
		1	Improve
		2	Stay same
		3	Get worse
		7	N/A
		8	Invalid
		9	Miss

ST25Q04	1195 - 1195	Envr improve - Forest Clearing	Q26d
	Validation Rule		
	"1" or "2" or "3" or "7" or "8" or "9"		
	Value	Value Label	
	1	Improve	
	2	Stay same	
	3	Get worse	
	7	N/A	
	8	Invalid	
	9	Miss	
ST25Q05	1196 - 1196	Envr improve - Water Shortages	Q26e
	Validation Rule		
	"1" or "2" or "3" or "7" or "8" or "9"		
	Value	Value Label	
	1	Improve	
	2	Stay same	
	3	Get worse	
	7	N/A	
	8	Invalid	
	9	Miss	
ST25Q06	1197 - 1197	Envr improve - Nuclear Waste	Q26f
	Validation Rule		
	"1" or "2" or "3" or "7" or "8" or "9"		
	Value	Value Label	
	1	Improve	
	2	Stay same	
	3	Get worse	
	7	N/A	
	8	Invalid	
	9	Miss	
ST26Q01	1198 - 1198	Envr Resp - Car Emissions	Q27a
	Validation Rule		
	"1" or "2" or "3" or "4" or "7" or "8" or "9"		
	Value	Value Label	
	1	Strongly agree	
	2	Agree	
	3	Disagree	
	4	Strongly disagree	
	7	N/A	
	8	Invalid	
	9	Miss	
ST26Q02	1199 - 1199	Envr Resp - Energy Wasted	Q27b
	Validation Rule		
	"1" or "2" or "3" or "4" or "7" or "8" or "9"		
	Value	Value Label	
	1	Strongly agree	
	2	Agree	
	3	Disagree	
	4	Strongly disagree	
	7	N/A	
	8	Invalid	
	9	Miss	



ST26Q03	1200 - 1200	Envr Resp - Factory Emissions	Q27c
		Validation Rule	
		"1" or "2" or "3" or "4" or "7" or "8" or "9"	
		Value	Value Label
		1	Strongly agree
		2	Agree
		3	Disagree
		4	Strongly disagree
		7	N/A
		8	Invalid
		9	Miss
ST26Q04	1201 - 1201	Envr Resp - Plastic Pack	Q27d
		Validation Rule	
		"1" or "2" or "3" or "4" or "7" or "8" or "9"	
		Value	Value Label
		1	Strongly agree
		2	Agree
		3	Disagree
		4	Strongly disagree
		7	N/A
		8	Invalid
		9	Miss
ST26Q05	1202 - 1202	Envr Resp - Dangerous Waste	Q27e
		Validation Rule	
		"1" or "2" or "3" or "4" or "7" or "8" or "9"	
		Value	Value Label
		1	Strongly agree
		2	Agree
		3	Disagree
		4	Strongly disagree
		7	N/A
		8	Invalid
		9	Miss
ST26Q06	1203 - 1203	Envr Resp - Endangered	Q27f
		Validation Rule	
		"1" or "2" or "3" or "4" or "7" or "8" or "9"	
		Value	Value Label
		1	Strongly agree
		2	Agree
		3	Disagree
		4	Strongly disagree
		7	N/A
		8	Invalid
		9	Miss
ST26Q07	1204 - 1204	Envr Resp - Elec Renewable	Q27g
		Validation Rule	
		"1" or "2" or "3" or "4" or "7" or "8" or "9"	
		Value	Value Label
		1	Strongly agree
		2	Agree
		3	Disagree
		4	Strongly disagree
		7	N/A
		8	Invalid
		9	Miss

ST27Q01	1205 - 1205 School useful - Subjects provide	Q28a
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Strongly agree
	2	Agree
	3	Disagree
	4	Strongly disagree
	7	N/A
	8	Invalid
	9	Miss
ST27Q02	1206 - 1206 School useful - Many careers	Q28b
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Strongly agree
	2	Agree
	3	Disagree
	4	Strongly disagree
	7	N/A
	8	Invalid
	9	Miss
ST27Q03	1207 - 1207 School useful - Science careers	Q28c
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Strongly agree
	2	Agree
	3	Disagree
	4	Strongly disagree
	7	N/A
	8	Invalid
	9	Miss
ST27Q04	1208 - 1208 School useful - Teachers equip	Q28d
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Strongly agree
	2	Agree
	3	Disagree
	4	Strongly disagree
	7	N/A
	8	Invalid
	9	Miss
ST28Q01	1209 - 1209 Science know - Job available	Q29a
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Very well informed
	2	Fairly informed
	3	Not well informed
	4	Not informed at all
	7	N/A
	8	Invalid
	9	Miss

ST28Q02	1210 - 1210 Science know - Find Where	Q29b
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Very well informed
	2	Fairly informed
	3	Not well informed
	4	Not informed at all
	7	N/A
	8	Invalid
	9	Miss
ST28Q03	1211 - 1211 Science know - Steps to take	Q29c
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Very well informed
	2	Fairly informed
	3	Not well informed
	4	Not informed at all
	7	N/A
	8	Invalid
	9	Miss
ST28Q04	1212 - 1212 Science know - Employers	Q29d
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Very well informed
	2	Fairly informed
	3	Not well informed
	4	Not informed at all
	7	N/A
	8	Invalid
	9	Miss
ST29Q01	1213 - 1213 Sci future - Like Career	Q30a
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Strongly agree
	2	Agree
	3	Disagree
	4	Strongly disagree
	7	N/A
	8	Invalid
	9	Miss
ST29Q02	1214 - 1214 Sci future - After <sec school>	Q30b
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Strongly agree
	2	Agree
	3	Disagree
	4	Strongly disagree
	7	N/A
	8	Invalid
	9	Miss

ST29Q03	1215 - 1215 Sci future - Advanced	Q30c
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Strongly agree
	2	Agree
	3	Disagree
	4	Strongly disagree
	7	N/A
	8	Invalid
	9	Miss
ST29Q04	1216 - 1216 Sci future - Work as adult	Q30d
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Strongly agree
	2	Agree
	3	Disagree
	4	Strongly disagree
	7	N/A
	8	Invalid
	9	Miss
ST31N01	1217 - 1336 Occupation at 30	Q31: Expected job
ST31Q01	1337 - 1337 Regular Lessons - Science	Q32a
	Validation Rule	
	"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"	
	Value	Value Label
	1	No time
	2	Less than 2 hours
	3	2 up to 4 hours
	4	4 up to 6 hours
	5	6 or more hours
	7	N/A
	8	Invalid
	9	Miss
ST31Q02	1338 - 1338 Out of school - Science	Q32b
	Validation Rule	
	"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"	
	Value	Value Label
	1	No time
	2	Less than 2 hours
	3	2 up to 4 hours
	4	4 up to 6 hours
	5	6 or more hours
	7	N/A
	8	Invalid
	9	Miss

ST31Q03	1339 - 1339 Self Study - Science	Q32c
	Validation Rule	
	"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"	
	Value	Value Label
	1	No time
	2	Less than 2 hours
	3	2 up to 4 hours
	4	4 up to 6 hours
	5	6 or more hours
	7	N/A
	8	Invalid
	9	Miss
ST31Q04	1340 - 1340 Regular Lessons - Mathematics	Q32d
	Validation Rule	
	"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"	
	Value	Value Label
	1	No time
	2	Less than 2 hours
	3	2 up to 4 hours
	4	4 up to 6 hours
	5	6 or more hours
	7	N/A
	8	Invalid
	9	Miss
ST31Q05	1341 - 1341 Out of school - Mathematics	Q32e
	Validation Rule	
	"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"	
	Value	Value Label
	1	No time
	2	Less than 2 hours
	3	2 up to 4 hours
	4	4 up to 6 hours
	5	6 or more hours
	7	N/A
	8	Invalid
	9	Miss
ST31Q06	1342 - 1342 Self Study - Mathematics	Q32f
	Validation Rule	
	"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"	
	Value	Value Label
	1	No time
	2	Less than 2 hours
	3	2 up to 4 hours
	4	4 up to 6 hours
	5	6 or more hours
	7	N/A
	8	Invalid
	9	Miss

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ST31Q07	1343 - 1343 Regular Lessons - Language	Q32g
	Validation Rule	
	"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"	
	Value	Value Label
	1	No time
	2	Less than 2 hours
	3	2 up to 4 hours
	4	4 up to 6 hours
	5	6 or more hours
	7	N/A
	8	Invalid
	9	Miss

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ST31Q08	1344 - 1344 Out of school - Language	Q32h
	Validation Rule	
	"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"	
	Value	Value Label
	1	No time
	2	Less than 2 hours
	3	2 up to 4 hours
	4	4 up to 6 hours
	5	6 or more hours
	7	N/A
	8	Invalid
	9	Miss

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ST31Q09	1345 - 1345 Self Study - Language	Q32i
	Validation Rule	
	"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"	
	Value	Value Label
	1	No time
	2	Less than 2 hours
	3	2 up to 4 hours
	4	4 up to 6 hours
	5	6 or more hours
	7	N/A
	8	Invalid
	9	Miss

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ST31Q10	1346 - 1346 Regular Lessons - Other	Q32j
	Validation Rule	
	"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"	
	Value	Value Label
	1	No time
	2	Less than 2 hours
	3	2 up to 4 hours
	4	4 up to 6 hours
	5	6 or more hours
	7	N/A
	8	Invalid
	9	Miss

ST31Q11	1347 - 1347 Out of school - Other	Q32k
	Validation Rule	
	"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"	
	Value	Value Label
	1	No time
	2	Less than 2 hours
	3	2 up to 4 hours
	4	4 up to 6 hours
	5	6 or more hours
	7	N/A
	8	Invalid
	9	Miss
ST31Q12	1348 - 1348 Self Study - Other	Q32l
	Validation Rule	
	"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"	
	Value	Value Label
	1	No time
	2	Less than 2 hours
	3	2 up to 4 hours
	4	4 up to 6 hours
	5	6 or more hours
	7	N/A
	8	Invalid
	9	Miss
ST32Q01	1349 - 1349 Lessons - School 1-1	Q33a
	Validation Rule	
	"1" or "2" or "7" or "8" or "9"	
	Value	Value Label
	1	Yes
	2	No
	7	N/A
	8	Invalid
	9	Miss
ST32Q02	1350 - 1350 Lessons - Not School 1-1	Q33b
	Validation Rule	
	"1" or "2" or "7" or "8" or "9"	
	Value	Value Label
	1	Yes
	2	No
	7	N/A
	8	Invalid
	9	Miss
ST32Q03	1351 - 1351 Lessons - School Small	Q33c
	Validation Rule	
	"1" or "2" or "7" or "8" or "9"	
	Value	Value Label
	1	Yes
	2	No
	7	N/A
	8	Invalid
	9	Miss

ST32Q04	1352 - 1352 Lessons - Not School Small	Q33d
	Validation Rule	
	"1" or "2" or "7" or "8" or "9"	
	Value	Value Label
	1	Yes
	2	No
	7	N/A
	8	Invalid
	9	Miss
ST32Q05	1353 - 1353 Lessons - School Large	Q33e
	Validation Rule	
	"1" or "2" or "7" or "8" or "9"	
	Value	Value Label
	1	Yes
	2	No
	7	N/A
	8	Invalid
	9	Miss
ST32Q06	1354 - 1354 Lessons - Not School Large	Q33f
	Validation Rule	
	"1" or "2" or "7" or "8" or "9"	
	Value	Value Label
	1	Yes
	2	No
	7	N/A
	8	Invalid
	9	Miss
ST33Q11	1355 - 1355 Course - Comp Sci Last Yr	Q34a1
	Validation Rule	
	"1" or "2" or "7" or "8" or "9"	
	Value	Value Label
	1	Yes
	2	No
	7	N/A
	8	Invalid
	9	Miss
ST33Q12	1356 - 1356 Course - Comp Sci This Yr	Q34a2
	Validation Rule	
	"1" or "2" or "7" or "8" or "9"	
	Value	Value Label
	1	Yes
	2	No
	7	N/A
	8	Invalid
	9	Miss
ST33Q21	1357 - 1357 Course - Opt Sci Last Yr	Q34b1
	Validation Rule	
	"1" or "2" or "7" or "8" or "9"	
	Value	Value Label
	1	Yes
	2	No
	7	N/A
	8	Invalid
	9	Miss



ST33Q22	1358 - 1358 Course - Opt Sci This Yr	Q34b2
	Validation Rule	
	"1" or "2" or "7" or "8" or "9"	
	Value	Value Label
	1	Yes
	2	No
	7	N/A
	8	Invalid
	9	Miss
ST33Q31	1359 - 1359 Course - Comp Bio Last Yr	Q34c1
	Validation Rule	
	"1" or "2" or "7" or "8" or "9"	
	Value	Value Label
	1	Yes
	2	No
	7	N/A
	8	Invalid
	9	Miss
ST33Q32	1360 - 1360 Course - Comp Bio This Yr	Q34c2
	Validation Rule	
	"1" or "2" or "7" or "8" or "9"	
	Value	Value Label
	1	Yes
	2	No
	7	N/A
	8	Invalid
	9	Miss
ST33Q41	1361 - 1361 Course - Opt Bio Last Yr	Q34d1
	Validation Rule	
	"1" or "2" or "7" or "8" or "9"	
	Value	Value Label
	1	Yes
	2	No
	7	N/A
	8	Invalid
	9	Miss
ST33Q42	1362 - 1362 Course - Opt Bio This Yr	Q34d2
	Validation Rule	
	"1" or "2" or "7" or "8" or "9"	
	Value	Value Label
	1	Yes
	2	No
	7	N/A
	8	Invalid
	9	Miss
ST33Q51	1363 - 1363 Course - Comp Phy Last Yr	Q34e1
	Validation Rule	
	"1" or "2" or "7" or "8" or "9"	
	Value	Value Label
	1	Yes
	2	No
	7	N/A
	8	Invalid
	9	Miss

ST33Q52	1364 - 1364 Course - Comp Phy This Yr	Q34e2
	Validation Rule	
	"1" or "2" or "7" or "8" or "9"	
	Value	Value Label
	1	Yes
	2	No
	7	N/A
	8	Invalid
	9	Miss
ST33Q61	1365 - 1365 Course - Opt Phy Last Yr	Q34f1
	Validation Rule	
	"1" or "2" or "7" or "8" or "9"	
	Value	Value Label
	1	Yes
	2	No
	7	N/A
	8	Invalid
	9	Miss
ST33Q62	1366 - 1366 Course - Opt Phy This Yr	Q34f2
	Validation Rule	
	"1" or "2" or "7" or "8" or "9"	
	Value	Value Label
	1	Yes
	2	No
	7	N/A
	8	Invalid
	9	Miss
ST33Q71	1367 - 1367 Course - Comp Chem Last Yr	Q34g1
	Validation Rule	
	"1" or "2" or "7" or "8" or "9"	
	Value	Value Label
	1	Yes
	2	No
	7	N/A
	8	Invalid
	9	Miss
ST33Q72	1368 - 1368 Course - Comp Chem This Yr	Q34g2
	Validation Rule	
	"1" or "2" or "7" or "8" or "9"	
	Value	Value Label
	1	Yes
	2	No
	7	N/A
	8	Invalid
	9	Miss
ST33Q81	1369 - 1369 Course - Opt Chem Last Yr	Q34h1
	Validation Rule	
	"1" or "2" or "7" or "8" or "9"	
	Value	Value Label
	1	Yes
	2	No
	7	N/A
	8	Invalid
	9	Miss

ST33Q82	1370 - 1370 Course - Opt Chem This Yr	Q34h2
	Validation Rule	
	"1" or "2" or "7" or "8" or "9"	
	Value	Value Label
	1	Yes
	2	No
	7	N/A
	8	Invalid
	9	Miss
ST34Q01	1371 - 1371 Learning - Student Ideas	Q35a
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	All lessons
	2	Most Lessons
	3	Some lessons
	4	Hardly ever
	7	N/A
	8	Invalid
	9	Miss
ST34Q02	1372 - 1372 Learning - Experiments	Q35b
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	All lessons
	2	Most Lessons
	3	Some lessons
	4	Hardly ever
	7	N/A
	8	Invalid
	9	Miss
ST34Q03	1373 - 1373 Learning - Design for Lab	Q35c
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	All lessons
	2	Most Lessons
	3	Some lessons
	4	Hardly ever
	7	N/A
	8	Invalid
	9	Miss
ST34Q04	1374 - 1374 Learning - Apply Everyday	Q35d
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	All lessons
	2	Most Lessons
	3	Some lessons
	4	Hardly ever
	7	N/A
	8	Invalid
	9	Miss

ST34Q05	1375 - 1375 Learning - Student Opinion	Q35e
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	All lessons
	2	Most Lessons
	3	Some lessons
	4	Hardly ever
	7	N/A
	8	Invalid
	9	Miss
ST34Q06	1376 - 1376 Learning - Draw Conclusions	Q35f
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	All lessons
	2	Most Lessons
	3	Some lessons
	4	Hardly ever
	7	N/A
	8	Invalid
	9	Miss
ST34Q07	1377 - 1377 Learning - Diff Phenomena	Q35g
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	All lessons
	2	Most Lessons
	3	Some lessons
	4	Hardly ever
	7	N/A
	8	Invalid
	9	Miss
ST34Q08	1378 - 1378 Learning - Own Experiments	Q35h
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	All lessons
	2	Most Lessons
	3	Some lessons
	4	Hardly ever
	7	N/A
	8	Invalid
	9	Miss
ST34Q09	1379 - 1379 Learning - Class Debate	Q35i
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	All lessons
	2	Most Lessons
	3	Some lessons
	4	Hardly ever
	7	N/A
	8	Invalid
	9	Miss

ST34Q10	1380 - 1380 Learning - Demonstrations	Q35j
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	All lessons
	2	Most Lessons
	3	Some lessons
	4	Hardly ever
	7	N/A
	8	Invalid
	9	Miss
ST34Q11	1381 - 1381 Learning - Choose Own	Q35k
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	All lessons
	2	Most Lessons
	3	Some lessons
	4	Hardly ever
	7	N/A
	8	Invalid
	9	Miss
ST34Q12	1382 - 1382 Learning - World Outside	Q35l
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	All lessons
	2	Most Lessons
	3	Some lessons
	4	Hardly ever
	7	N/A
	8	Invalid
	9	Miss
ST34Q13	1383 - 1383 Learning - Discussion	Q35m
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	All lessons
	2	Most Lessons
	3	Some lessons
	4	Hardly ever
	7	N/A
	8	Invalid
	9	Miss
ST34Q14	1384 - 1384 Learning - Follow Instruct	Q35n
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	All lessons
	2	Most Lessons
	3	Some lessons
	4	Hardly ever
	7	N/A
	8	Invalid
	9	Miss

ST34Q15	1385 - 1385 Learning - Explain Relevance	Q35o
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	All lessons
	2	Most Lessons
	3	Some lessons
	4	Hardly ever
	7	N/A
	8	Invalid
	9	Miss
ST34Q16	1386 - 1386 Learning - Test Ideas	Q35p
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	All lessons
	2	Most Lessons
	3	Some lessons
	4	Hardly ever
	7	N/A
	8	Invalid
	9	Miss
ST34Q17	1387 - 1387 Learning - Society Relevance	Q35q
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	All lessons
	2	Most Lessons
	3	Some lessons
	4	Hardly ever
	7	N/A
	8	Invalid
	9	Miss
ST35Q01	1388 - 1388 Sci future - Help later work	Q36a
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Strongly agree
	2	Agree
	3	Disagree
	4	Strongly disagree
	7	N/A
	8	Invalid
	9	Miss
ST35Q02	1389 - 1389 Sci future - Learn need later	Q36b
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Strongly agree
	2	Agree
	3	Disagree
	4	Strongly disagree
	7	N/A
	8	Invalid
	9	Miss

ST35Q03	1390 - 1390 Sci future - Useful to me	Q36c
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Strongly agree
	2	Agree
	3	Disagree
	4	Strongly disagree
	7	N/A
	8	Invalid
	9	Miss
ST35Q04	1391 - 1391 Sci future - Improve career	Q36d
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Strongly agree
	2	Agree
	3	Disagree
	4	Strongly disagree
	7	N/A
	8	Invalid
	9	Miss
ST35Q05	1392 - 1392 Sci future - Get a job	Q36e
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Strongly agree
	2	Agree
	3	Disagree
	4	Strongly disagree
	7	N/A
	8	Invalid
	9	Miss
ST36Q01	1393 - 1393 Self - Do well Science	Q37a
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Very important
	2	Important
	3	Of little importance
	4	Not important at all
	7	N/A
	8	Invalid
	9	Miss
ST36Q02	1394 - 1394 Self - Do well Math	Q37b
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Very important
	2	Important
	3	Of little importance
	4	Not important at all
	7	N/A
	8	Invalid
	9	Miss

ST36Q03	1395 - 1395 Self - Do well Language	Q37c
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Very important
	2	Important
	3	Of little importance
	4	Not important at all
	7	N/A
	8	Invalid
	9	Miss
ST37Q01	1396 - 1396 Learning - Advanced Easy	Q38a
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Strongly agree
	2	Agree
	3	Disagree
	4	Strongly disagree
	7	N/A
	8	Invalid
	9	Miss
ST37Q02	1397 - 1397 Learning - Good Answers	Q38b
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Strongly agree
	2	Agree
	3	Disagree
	4	Strongly disagree
	7	N/A
	8	Invalid
	9	Miss
ST37Q03	1398 - 1398 Learning - Topics Quickly	Q38c
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Strongly agree
	2	Agree
	3	Disagree
	4	Strongly disagree
	7	N/A
	8	Invalid
	9	Miss
ST37Q04	1399 - 1399 Learning - Topics Easy	Q38d
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Strongly agree
	2	Agree
	3	Disagree
	4	Strongly disagree
	7	N/A
	8	Invalid
	9	Miss



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ST37Q05	1400 - 1400 Learning - Understand Well	Q38e
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Strongly agree
	2	Agree
	3	Disagree
	4	Strongly disagree
	7	N/A
	8	Invalid
	9	Miss

---

ST37Q06	1401 - 1401 Learning - New Ideas	Q38f
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Strongly agree
	2	Agree
	3	Disagree
	4	Strongly disagree
	7	N/A
	8	Invalid
	9	Miss

## START OF PISA DATA FILE 2

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IC01Q01	11 -	11	Used computer IC1	Q39
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Validation Rule

"1" or "2" or "8" or "7" or "9"

Value Value Label

1 Yes

2 No

7 N/A

8 Invalid

9 Miss

---

IC02Q01	12 -	12	How long used Computers IC2	Q40
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Validation Rule

"1" or "2" or "3" or "4" or "7" or "8" or "9"

Value Value Label

1 Less than 1 year

2 1 to 3 years

3 3 to 5 years

4 More than 5 years

7 N/A

8 Invalid

9 Miss

---

IC03Q01	13 -	13	Using computers at home IC3a	Q41a
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Validation Rule

"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"

Value Value Label

1 Almost every day

2 Once or twice a week

3 Few times a month

4 Once a month or less

5 Never

7 N/A

8 Invalid

9 Miss

---

IC03Q02	14 -	14	Using computers at school IC3b	Q41b
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Validation Rule

"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"

Value Value Label

1 Almost every day

2 Once or twice a week

3 Few times a month

4 Once a month or less

5 Never

7 N/A

8 Invalid

9 Miss

---

IC03Q03	15 - 15	Using computers others IC3c	Q41c
	Validation Rule		
	"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"		
	Value	Value Label	
	1	Almost every day	
	2	Once or twice a week	
	3	Few times a month	
	4	Once a month or less	
	5	Never	
	7	N/A	
	8	Invalid	
	9	Miss	

---

IC04Q01	16 - 16	Browse Internet	Q42a
	Validation Rule		
	"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"		
	Value	Value Label	
	1	Almost every day	
	2	Once or twice a week	
	3	Few times a month	
	4	Once a month or less	
	5	Never	
	7	N/A	
	8	Invalid	
	9	Miss	

---

IC04Q02	17 - 17	Play Games	Q42b
	Validation Rule		
	"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"		
	Value	Value Label	
	1	Almost every day	
	2	Once or twice a week	
	3	Few times a month	
	4	Once a month or less	
	5	Never	
	7	N/A	
	8	Invalid	
	9	Miss	

---

IC04Q03	18 - 18	Write Documents	Q42c
	Validation Rule		
	"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"		
	Value	Value Label	
	1	Almost every day	
	2	Once or twice a week	
	3	Few times a month	
	4	Once a month or less	
	5	Never	
	7	N/A	
	8	Invalid	
	9	Miss	

IC04Q04	19 - 19	Internet Collaborate	Q42d
		Validation Rule	
		"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"	
		Value	Value Label
		1	Almost every day
		2	Once or twice a week
		3	Few times a month
		4	Once a month or less
		5	Never
		7	N/A
		8	Invalid
		9	Miss
IC04Q05	20 - 20	Use SpreadSheets	Q42e
		Validation Rule	
		"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"	
		Value	Value Label
		1	Almost every day
		2	Once or twice a week
		3	Few times a month
		4	Once a month or less
		5	Never
		7	N/A
		8	Invalid
		9	Miss
IC04Q06	21 - 21	Download Software	Q42f
		Validation Rule	
		"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"	
		Value	Value Label
		1	Almost every day
		2	Once or twice a week
		3	Few times a month
		4	Once a month or less
		5	Never
		7	N/A
		8	Invalid
		9	Miss
IC04Q07	22 - 22	Graphics Programs	Q42g
		Validation Rule	
		"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"	
		Value	Value Label
		1	Almost every day
		2	Once or twice a week
		3	Few times a month
		4	Once a month or less
		5	Never
		7	N/A
		8	Invalid
		9	Miss

---

IC04Q08	23 -	23 Educational Software	Q42h
	Validation Rule		
	"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"		
	Value	Value Label	
	1	Almost every day	
	2	Once or twice a week	
	3	Few times a month	
	4	Once a month or less	
	5	Never	
	7	N/A	
	8	Invalid	
	9	Miss	

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IC04Q09	24 -	24 Download Music	Q42i
	Validation Rule		
	"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"		
	Value	Value Label	
	1	Almost every day	
	2	Once or twice a week	
	3	Few times a month	
	4	Once a month or less	
	5	Never	
	7	N/A	
	8	Invalid	
	9	Miss	

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IC04Q10	25 -	25 Writing Programs	Q42j
	Validation Rule		
	"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"		
	Value	Value Label	
	1	Almost every day	
	2	Once or twice a week	
	3	Few times a month	
	4	Once a month or less	
	5	Never	
	7	N/A	
	8	Invalid	
	9	Miss	

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IC04Q11	26 -	26 E-Mail or Chat Rooms	Q42k
	Validation Rule		
	"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"		
	Value	Value Label	
	1	Almost every day	
	2	Once or twice a week	
	3	Few times a month	
	4	Once a month or less	
	5	Never	
	7	N/A	
	8	Invalid	
	9	Miss	

IC05Q01	27 -	27	How well - Chat	Q43a
			Validation Rule	
			"1" or "2" or "3" or "4" or "7" or "8" or "9"	
			Value	Value Label
			1	Do well by myself
			2	Do with Help
			3	Know but can't do
			4	Don't know
			7	N/A
			8	Invalid
			9	Miss
IC05Q02	28 -	28	How well - Virus	Q43b
			Validation Rule	
			"1" or "2" or "3" or "4" or "7" or "8" or "9"	
			Value	Value Label
			1	Do well by myself
			2	Do with Help
			3	Know but can't do
			4	Don't know
			7	N/A
			8	Invalid
			9	Miss
IC05Q03	29 -	29	How well - Edit photos	Q43c
			Validation Rule	
			"1" or "2" or "3" or "4" or "7" or "8" or "9"	
			Value	Value Label
			1	Do well by myself
			2	Do with Help
			3	Know but can't do
			4	Don't know
			7	N/A
			8	Invalid
			9	Miss
IC05Q04	30 -	30	How well - Database	Q43d
			Validation Rule	
			"1" or "2" or "3" or "4" or "7" or "8" or "9"	
			Value	Value Label
			1	Do well by myself
			2	Do with Help
			3	Know but can't do
			4	Don't know
			7	N/A
			8	Invalid
			9	Miss
IC05Q05	31 -	31	How well - Music CD	Q43e
			Validation Rule	
			"1" or "2" or "3" or "4" or "7" or "8" or "9"	
			Value	Value Label
			1	Do well by myself
			2	Do with Help
			3	Know but can't do
			4	Don't know
			7	N/A
			8	Invalid
			9	Miss

IC05Q06	32 -	32	How well - Move files	Q43f
	Validation Rule			
	"1" or "2" or "3" or "4" or "7" or "8" or "9"			
	Value		Value Label	
	1		Do well by myself	
	2		Do with Help	
	3		Know but can't do	
	4		Don't know	
	7		N/A	
	8		Invalid	
	9		Miss	
IC05Q07	33 -	33	How well - Search Internet	Q43g
	Validation Rule			
	"1" or "2" or "3" or "4" or "7" or "8" or "9"			
	Value		Value Label	
	1		Do well by myself	
	2		Do with Help	
	3		Know but can't do	
	4		Don't know	
	7		N/A	
	8		Invalid	
	9		Miss	
IC05Q08	34 -	34	How well - Download files	Q43h
	Validation Rule			
	"1" or "2" or "3" or "4" or "7" or "8" or "9"			
	Value		Value Label	
	1		Do well by myself	
	2		Do with Help	
	3		Know but can't do	
	4		Don't know	
	7		N/A	
	8		Invalid	
	9		Miss	
IC05Q09	35 -	35	How well - Attach e-mail	Q43i
	Validation Rule			
	"1" or "2" or "3" or "4" or "7" or "8" or "9"			
	Value		Value Label	
	1		Do well by myself	
	2		Do with Help	
	3		Know but can't do	
	4		Don't know	
	7		N/A	
	8		Invalid	
	9		Miss	
IC05Q10	36 -	36	How well - Word Processor	Q43j
	Validation Rule			
	"1" or "2" or "3" or "4" or "7" or "8" or "9"			
	Value		Value Label	
	1		Do well by myself	
	2		Do with Help	
	3		Know but can't do	
	4		Don't know	
	7		N/A	
	8		Invalid	
	9		Miss	

IC05Q11	37 -	37	How well - Spreadsheet	Q43k
			Validation Rule	
			"1" or "2" or "3" or "4" or "7" or "8" or "9"	
			Value	Value Label
		1		Do well by myself
		2		Do with Help
		3		Know but can't do
		4		Don't know
		7		N/A
		8		Invalid
		9		Miss
IC05Q12	38 -	38	How well - Presentation	Q43l
			Validation Rule	
			"1" or "2" or "3" or "4" or "7" or "8" or "9"	
			Value	Value Label
		1		Do well by myself
		2		Do with Help
		3		Know but can't do
		4		Don't know
		7		N/A
		8		Invalid
		9		Miss
IC05Q13	39 -	39	How well - Download music	Q43m
			Validation Rule	
			"1" or "2" or "3" or "4" or "7" or "8" or "9"	
			Value	Value Label
		1		Do well by myself
		2		Do with Help
		3		Know but can't do
		4		Don't know
		7		N/A
		8		Invalid
		9		Miss
IC05Q14	40 -	40	How well - Multi-media	Q43n
			Validation Rule	
			"1" or "2" or "3" or "4" or "7" or "8" or "9"	
			Value	Value Label
		1		Do well by myself
		2		Do with Help
		3		Know but can't do
		4		Don't know
		7		N/A
		8		Invalid
		9		Miss
IC05Q15	41 -	41	How well - E-mails	Q43o
			Validation Rule	
			"1" or "2" or "3" or "4" or "7" or "8" or "9"	
			Value	Value Label
		1		Do well by myself
		2		Do with Help
		3		Know but can't do
		4		Don't know
		7		N/A
		8		Invalid
		9		Miss



IC05Q16	42 - 42	How well - Web Page	Q43p
		Validation Rule	
		"1" or "2" or "3" or "4" or "7" or "8" or "9"	
		Value	Value Label
		1	Do well by myself
		2	Do with Help
		3	Know but can't do
		4	Don't know
		7	N/A
		8	Invalid
		9	Miss
ST44N01	43 - 55	Working at paid job	Q44a
ST44N02	56 - 68	Watching TV	Q44b
ST44N03	69 - 81	Listening to music	Q44c
ST44N04	82 - 94	Playing sport	Q44d
ST44N05	95 - 107	Reading for pleasure	Q44e
ST44N06	108 - 120	Doing unpaid/volun work	Q44f
START OF LSAY-SPECIFIC ITEMS			
ST45N01	121 - 121	English/literacy subjects	Q45a
		Validation Rule	
		"1" or "2" or "3" or "4" or "5" or "6" or "7" or "8" or "9"	
		Value	Value Label
		1	Very well
		2	Better than average
		3	About average
		4	Not very well
		5	Very poorly
		6	Not studying this subject
		7	N/A
		8	Invalid
		9	Miss
ST45N02	122 - 122	Maths/num subjects	Q45b
		Validation Rule	
		"1" or "2" or "3" or "4" or "5" or "6" or "7" or "8" or "9"	
		Value	Value Label
		1	Very well
		2	Better than average
		3	About average
		4	Not very well
		5	Very poorly
		6	Not studying this subject
		7	N/A
		8	Invalid
		9	Miss

ST45N03	123 - 123	Subjects overall	Q45c
		Validation Rule	
		"1" or "2" or "3" or "4" or "5" or "6" or "7" or "8" or "9"	
		Value	Value Label
		1	Very well
		2	Better than average
		3	About average
		4	Not very well
		5	Very poorly
		6	Not studying this subject
		7	N/A
		8	Invalid
		9	Miss
ST46N01	124 - 124	Work is interesting	Q46a
		Validation Rule	
		"1" or "2" or "3" or "4" or "7" or "8" or "9"	
		Value	Value Label
		1	Strongly agree
		2	Agree
		3	Disagree
		4	Strongly disagree
		7	N/A
		8	Invalid
		9	Miss
ST46N02	125 - 125	Tchrs are fair & just	Q46b
		Validation Rule	
		"1" or "2" or "3" or "4" or "7" or "8" or "9"	
		Value	Value Label
		1	Strongly agree
		2	Agree
		3	Disagree
		4	Strongly disagree
		7	N/A
		8	Invalid
		9	Miss
ST46N03	126 - 126	Things I learn are important	Q46c
		Validation Rule	
		"1" or "2" or "3" or "4" or "7" or "8" or "9"	
		Value	Value Label
		1	Strongly agree
		2	Agree
		3	Disagree
		4	Strongly disagree
		7	N/A
		8	Invalid
		9	Miss

ST46N04	127 - 127	Learnt to work hard	Q46d
		Validation Rule	
		"1" or "2" or "3" or "4" or "7" or "8" or "9"	
		Value	Value Label
		1	Strongly agree
		2	Agree
		3	Disagree
		4	Strongly disagree
		7	N/A
		8	Invalid
		9	Miss
ST46N05	128 - 128	Feel happy	Q46e
		Validation Rule	
		"1" or "2" or "3" or "4" or "7" or "8" or "9"	
		Value	Value Label
		1	Strongly agree
		2	Agree
		3	Disagree
		4	Strongly disagree
		7	N/A
		8	Invalid
		9	Miss
ST46N06	129 - 129	Tchrs listen to what I say	Q46f
		Validation Rule	
		"1" or "2" or "3" or "4" or "7" or "8" or "9"	
		Value	Value Label
		1	Strongly agree
		2	Agree
		3	Disagree
		4	Strongly disagree
		7	N/A
		8	Invalid
		9	Miss
ST46N07	130 - 130	Achieve satis standard in my work	Q46g
		Validation Rule	
		"1" or "2" or "3" or "4" or "7" or "8" or "9"	
		Value	Value Label
		1	Strongly agree
		2	Agree
		3	Disagree
		4	Strongly disagree
		7	N/A
		8	Invalid
		9	Miss
ST46N08	131 - 131	Like learning	Q46h
		Validation Rule	
		"1" or "2" or "3" or "4" or "7" or "8" or "9"	
		Value	Value Label
		1	Strongly agree
		2	Agree
		3	Disagree
		4	Strongly disagree
		7	N/A
		8	Invalid
		9	Miss

ST46N09	132 - 132	Get enjoyment fr being here	Q46i
	Validation Rule		
	"1" or "2" or "3" or "4" or "7" or "8" or "9"		
	Value	Value Label	
	1	Strongly agree	
	2	Agree	
	3	Disagree	
	4	Strongly disagree	
	7	N/A	
	8	Invalid	
	9	Miss	
ST46N10	133 - 133	Work good preparation for future	Q46j
	Validation Rule		
	"1" or "2" or "3" or "4" or "7" or "8" or "9"		
	Value	Value Label	
	1	Strongly agree	
	2	Agree	
	3	Disagree	
	4	Strongly disagree	
	7	N/A	
	8	Invalid	
	9	Miss	
ST46N11	134 - 134	Like to ask q's in class	Q46k
	Validation Rule		
	"1" or "2" or "3" or "4" or "7" or "8" or "9"		
	Value	Value Label	
	1	Strongly agree	
	2	Agree	
	3	Disagree	
	4	Strongly disagree	
	7	N/A	
	8	Invalid	
	9	Miss	
ST46N12	135 - 135	Tchrs give me marks I deserve	Q46l
	Validation Rule		
	"1" or "2" or "3" or "4" or "7" or "8" or "9"		
	Value	Value Label	
	1	Strongly agree	
	2	Agree	
	3	Disagree	
	4	Strongly disagree	
	7	N/A	
	8	Invalid	
	9	Miss	
ST46N13	136 - 136	Acquired skills that will be useful	Q46m
	Validation Rule		
	"1" or "2" or "3" or "4" or "7" or "8" or "9"		
	Value	Value Label	
	1	Strongly agree	
	2	Agree	
	3	Disagree	
	4	Strongly disagree	
	7	N/A	
	8	Invalid	
	9	Miss	

ST46N14	137 - 137	Always achieve a satis stnd in work	Q46n
	Validation Rule		
	"1" or "2" or "3" or "4" or "7" or "8" or "9"		
	Value	Value Label	
	1	Strongly agree	
	2	Agree	
	3	Disagree	
	4	Strongly disagree	
	7	N/A	
	8	Invalid	
	9	Miss	
ST46N15	138 - 138	Like to do extra work	Q46o
	Validation Rule		
	"1" or "2" or "3" or "4" or "7" or "8" or "9"		
	Value	Value Label	
	1	Strongly agree	
	2	Agree	
	3	Disagree	
	4	Strongly disagree	
	7	N/A	
	8	Invalid	
	9	Miss	
ST46N16	139 - 139	Tchrs take personal interest	Q46p
	Validation Rule		
	"1" or "2" or "3" or "4" or "7" or "8" or "9"		
	Value	Value Label	
	1	Strongly agree	
	2	Agree	
	3	Disagree	
	4	Strongly disagree	
	7	N/A	
	8	Invalid	
	9	Miss	
ST46N17	140 - 140	Really like to go each day	Q46q
	Validation Rule		
	"1" or "2" or "3" or "4" or "7" or "8" or "9"		
	Value	Value Label	
	1	Strongly agree	
	2	Agree	
	3	Disagree	
	4	Strongly disagree	
	7	N/A	
	8	Invalid	
	9	Miss	
ST46N18	141 - 141	Enjoy what I do	Q46r
	Validation Rule		
	"1" or "2" or "3" or "4" or "7" or "8" or "9"		
	Value	Value Label	
	1	Strongly agree	
	2	Agree	
	3	Disagree	
	4	Strongly disagree	
	7	N/A	
	8	Invalid	
	9	Miss	

ST46N19	142 - 142	Always try to do my best	Q46s
	Validation Rule		
	"1" or "2" or "3" or "4" or "7" or "8" or "9"		
	Value	Value Label	
	1	Strongly agree	
	2	Agree	
	3	Disagree	
	4	Strongly disagree	
	7	N/A	
	8	Invalid	
	9	Miss	
ST46N20	143 - 143	Things I learn help in adult life	Q46t
	Validation Rule		
	"1" or "2" or "3" or "4" or "7" or "8" or "9"		
	Value	Value Label	
	1	Strongly agree	
	2	Agree	
	3	Disagree	
	4	Strongly disagree	
	7	N/A	
	8	Invalid	
	9	Miss	
ST46N21	144 - 144	Know how to cope with work	Q46u
	Validation Rule		
	"1" or "2" or "3" or "4" or "7" or "8" or "9"		
	Value	Value Label	
	1	Strongly agree	
	2	Agree	
	3	Disagree	
	4	Strongly disagree	
	7	N/A	
	8	Invalid	
	9	Miss	
ST46N22	145 - 145	Tchrs help me do my best	Q46v
	Validation Rule		
	"1" or "2" or "3" or "4" or "7" or "8" or "9"		
	Value	Value Label	
	1	Strongly agree	
	2	Agree	
	3	Disagree	
	4	Strongly disagree	
	7	N/A	
	8	Invalid	
	9	Miss	
ST46N23	146 - 146	Get excited about work that we do	Q46w
	Validation Rule		
	"1" or "2" or "3" or "4" or "7" or "8" or "9"		
	Value	Value Label	
	1	Strongly agree	
	2	Agree	
	3	Disagree	
	4	Strongly disagree	
	7	N/A	
	8	Invalid	
	9	Miss	

ST46N24	147 - 147 Find learning a lot of fun	Q46x
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Strongly agree
	2	Agree
	3	Disagree
	4	Strongly disagree
	7	N/A
	8	Invalid
	9	Miss
ST46N25	148 - 148 Given the chance to do interesting wo	Q46y
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Strongly agree
	2	Agree
	3	Disagree
	4	Strongly disagree
	7	N/A
	8	Invalid
	9	Miss
ST46N26	149 - 149 Know can do well to be successful	Q46z
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Strongly agree
	2	Agree
	3	Disagree
	4	Strongly disagree
	7	N/A
	8	Invalid
	9	Miss
ST46N27	150 - 150 Things taught are worth learning	Q46aa
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Strongly agree
	2	Agree
	3	Disagree
	4	Strongly disagree
	7	N/A
	8	Invalid
	9	Miss
ST46N28	151 - 151 Feel safe and secure	Q46ab
	Validation Rule	
	"1" or "2" or "3" or "4" or "7" or "8" or "9"	
	Value	Value Label
	1	Strongly agree
	2	Agree
	3	Disagree
	4	Strongly disagree
	7	N/A
	8	Invalid
	9	Miss

ST46N29	152 - 152	Tchrs treat me fairly in class	Q46ac
		Validation Rule	
		"1" or "2" or "3" or "4" or "7" or "8" or "9"	
		Value	Value Label
		1	Strongly agree
		2	Agree
		3	Disagree
		4	Strongly disagree
		7	N/A
		8	Invalid
		9	Miss
ST46N30	153 - 153	Success as a student	Q46ad
		Validation Rule	
		"1" or "2" or "3" or "4" or "7" or "8" or "9"	
		Value	Value Label
		1	Strongly agree
		2	Agree
		3	Disagree
		4	Strongly disagree
		7	N/A
		8	Invalid
		9	Miss
ST47N01	154 - 154	Plan to complete Yr 12	Q47
		Validation Rule	
		"1" or "2" or "3" or "7" or "8" or "9"	
		Value	Value Label
		1	Yes, plan to complete Yr 12
		2	No, don't plan to complete Yr 12
		3	Not sure at this time
		7	N/A
		8	Invalid
		9	Miss
ST48N01	155 - 156	You plan to do	Q48a
		Validation Rule	
		"01" or "02" or "03" or "04" or "05" or "06" or "07" or "08" or "97" or "98" or "99"	
		Value	Value Label
		01	Go to uni
		02	Get an apprenticeship
		03	Get a traineeship
		04	Go to a TAFE/VET college
		05	Do some other study/training
		06	Look for work/get a job
		07	Don't know
		08	Something else
		97	N/A
		98	Invalid
		99	Miss
ST48N01a	157 - 276	You - s/thing else	Q48a - s/thing else



ST48N02	277 - 278	Your parents want you to do	Q48b
		Validation Rule	
		"01" or "02" or "03" or "04" or "05" or "06" or "07" or "08" or "97" or "98" or "99"	
		Value	Value Label
		01	Go to uni
		02	Get an apprenticeship
		03	Get a traineeship
		04	Go to a TAFE/VET college
		05	Do some other study/training
		06	Look for work/get a job
		07	Don't know
		08	Something else
		97	N/A
		98	Invalid
		99	Miss
ST48N02a	279 - 398	Parents - s/thing else	Q48b - s/thing else
ST48N03	399 - 400	Your friends plan to do	Q48c
		Validation Rule	
		"01" or "02" or "03" or "04" or "05" or "06" or "07" or "08" or "97" or "98" or "99"	
		Value	Value Label
		01	Go to uni
		02	Get an apprenticeship
		03	Get a traineeship
		04	Go to a TAFE/VET college
		05	Do some other study/training
		06	Look for work/get a job
		07	Don't know
		08	Something else
		97	N/A
		98	Invalid
		99	Miss
ST48N03a	401 - 520	Friends - s/thing else	Q48c - s/thing else
ST49N01	521 - 521	Further study at other time	Q49
		Validation Rule	
		"1" or "2" or "3" or "4" or "5" or "6" or "7" or "8" or "9"	
		Value	Value Label
		1	No
		2	Yes, uni
		3	Yes, apprenticeship
		4	Yes, traineeship
		5	Yes, other TAFE/VET
		6	Something else
		7	N/A
		8	Invalid
		9	Miss
ST49N01a	522 - 641	Further study - s/thing else	Q69 - s/thing else
ST50N01	642 - 741	Name	Q50: Name
ST50N02	742 - 841	Home address: No & St	Q50: No & Str
ST50N03	842 - 941	Home address: Suburb	Q50: Suburb

ST50N04	942 - 944	State	Q50: State
ST50N05	945 - 948	Pcode	Q50: Pcode
ST50N06	949 - 958	Home Phone No	Q50: Home ph no.
ST50N07	959 - 968	Mobile phone no	Q50: Mobile No.
ST50N08	969 - 1068	Email address	Q50: email
ST51N01	1069 - 1069	Part time/casual work Validation Rule "1" or "2" or "7" or "8" or "9" Value Value Label 1 Yes, have part time job 2 No, don't have a job 7 N/A 8 Invalid 9 Miss	Q51
ST52N01	1070 - 1072	Hrs of work - Mon to Fri	Q52: Wkdays
ST52N02	1073 - 1075	Hrs of wk - wkend	Q52: Wkend
ST53N01	1076 - 1079	Take home pay - dollars	Q53: Dollars
ST53N02	1080 - 1081	Take home pay - cents	Q53: Cents
ST53N03	1082 - 1082	Payment period Validation Rule "1" or "2" or "3" or "4" or "7" or "8" or "9" Value Value Label 1 Hour 2 Week 3 Fortnight 4 Month 7 N/A 8 Invalid 9 Miss	Q53: Freq pay
ST54N01	1083 - 1202	Job title	Q54
ST55N01	1203 - 1322	Job descrption	Q55
ST56N01	1323 - 1323	Work I want to do for a career Validation Rule "1" or "2" or "3" or "4" or "7" or "8" or "9" Value Value Label 1 Strongly agree 2 Agree 3 Disagree 4 Strongly disagree 7 N/A 8 Invalid 9 Miss	Q56a

ST56N02	1324 - 1324	Enjoy the work	Q56b
	Validation Rule		
	"1" or "2" or "3" or "4" or "7" or "8" or "9"		
	Value	Value Label	
	1	Strongly agree	
	2	Agree	
	3	Disagree	
	4	Strongly disagree	
	7	N/A	
	8	Invalid	
	9	Miss	
ST56N03	1325 - 1325	Family needs money	Q56c
	Validation Rule		
	"1" or "2" or "3" or "4" or "7" or "8" or "9"		
	Value	Value Label	
	1	Strongly agree	
	2	Agree	
	3	Disagree	
	4	Strongly disagree	
	7	N/A	
	8	Invalid	
	9	Miss	
ST56N04	1326 - 1326	Like sense of independence	Q56d
	Validation Rule		
	"1" or "2" or "3" or "4" or "7" or "8" or "9"		
	Value	Value Label	
	1	Strongly agree	
	2	Agree	
	3	Disagree	
	4	Strongly disagree	
	7	N/A	
	8	Invalid	
	9	Miss	
ST56N05	1327 - 1327	Help me get a job	Q56e
	Validation Rule		
	"1" or "2" or "3" or "4" or "7" or "8" or "9"		
	Value	Value Label	
	1	Strongly agree	
	2	Agree	
	3	Disagree	
	4	Strongly disagree	
	7	N/A	
	8	Invalid	
	9	Miss	
ST56N06	1328 - 1328	Family business	Q56f
	Validation Rule		
	"1" or "2" or "3" or "4" or "7" or "8" or "9"		
	Value	Value Label	
	1	Strongly agree	
	2	Agree	
	3	Disagree	
	4	Strongly disagree	
	7	N/A	
	8	Invalid	
	9	Miss	

ST56N07	1329 - 1329	Need money to help support myself	Q56g
		Validation Rule	
		"1" or "2" or "3" or "4" or "7" or "8" or "9"	
		Value	Value Label
		1	Strongly agree
		2	Agree
		3	Disagree
		4	Strongly disagree
		7	N/A
		8	Invalid
		9	Miss
ST56N08	1330 - 1330	Working for spending money	Q56h
		Validation Rule	
		"1" or "2" or "3" or "4" or "7" or "8" or "9"	
		Value	Value Label
		1	Strongly agree
		2	Agree
		3	Disagree
		4	Strongly disagree
		7	NA
		8	Invalid
		9	Miss
ST57N01	1331 - 1331	Completed work experience	Q57
		Validation Rule	
		"1" or "2" or "3" or "7" or "8" or "9"	
		Value	Value Label
		1	No, not doing wk exper this yr
		2	No, not yet but will do by end of yr
		3	Yes, have done wk exper
		7	N/A
		8	Invalid
		9	Miss
ST58N01	1332 - 1333	Number of work experience days	Q58
ST59N01	1334 - 1334	What work is really like	Q59a
		Validation Rule	
		"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"	
		Value	Value Label
		1	Quite a lot
		2	A fair bit
		3	Not much
		4	Nothing
		5	Don't know
		7	N/A
		8	Invalid
		9	Miss

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ST59N02	1335 - 1335 Getting along with other people	Q59b
	Validation Rule	
	"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"	
	Value	Value Label
	1	Quite a lot
	2	A fair bit
	3	Not much
	4	Nothing
	5	Don't know
	7	N/A
	8	Invalid
	9	Miss

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ST59N03	1336 - 1336 Following instructions	Q59c
	Validation Rule	
	"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"	
	Value	Value Label
	1	Quite a lot
	2	A fair bit
	3	Not much
	4	Nothing
	5	Don't know
	7	N/A
	8	Invalid
	9	Miss

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ST59N04	1337 - 1337 Thinking of yourself	Q59d
	Validation Rule	
	"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"	
	Value	Value Label
	1	Quite a lot
	2	A fair bit
	3	Not much
	4	Nothing
	5	Don't know
	7	N/A
	8	Invalid
	9	Miss

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ST59N05	1338 - 1338 Being confident	Q59e
	Validation Rule	
	"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"	
	Value	Value Label
	1	Quite a lot
	2	A fair bit
	3	Not much
	4	Nothing
	5	Don't know
	7	N/A
	8	Invalid
	9	Miss

ST59N06	1339 - 1339	Kind of skills needed for job	Q59f
		Validation Rule	
		"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"	
		Value	Value Label
		1	Quite a lot
		2	A fair bit
		3	Not much
		4	Nothing
		5	Don't know
		7	N/A
		8	Invalid
		9	Miss
ST59N07	1340 - 1340	Working conditions in general	Q59g
		Validation Rule	
		"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"	
		Value	Value Label
		1	Quite a lot
		2	A fair bit
		3	Not much
		4	Nothing
		5	Don't know
		7	N/A
		8	Invalid
		9	Miss
ST59N08	1341 - 1341	Career you would like after school	Q59h
		Validation Rule	
		"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"	
		Value	Value Label
		1	Quite a lot
		2	A fair bit
		3	Not much
		4	Nothing
		5	Don't know
		7	N/A
		8	Invalid
		9	Miss
ST60N01	1342 - 1342	International Baccalaureate	Q60
		Validation Rule	
		"1" or "2" or "7" or "8" or "9"	
		Value	Value Label
		1	Yes
		2	No
		7	N/A
		8	Invalid
		9	Miss
ST61N01	1343 - 1343	VET subjects at school	Q61
		Validation Rule	
		"1" or "2" or "7" or "8" or "9"	
		Value	Value Label
		1	Yes
		2	No
		7	N/A
		8	Invalid
		9	Miss

ST62N01	1344 - 1344 VET study part of apprentice/trainees Q62	
	Validation Rule	
	"1" or "2" or "3" or "7" or "8" or "9"	
	Value	Value Label
	1	Yes, apprenticeship
	2	Yes, traineeship
	3	No, neither
	7	N/A
	8	Invalid
	9	Miss
ST63N01	1345 - 1345 VET at a workplace	Q63
	Validation Rule	
	"1" or "2" or "3" or "7" or "8" or "9"	
	Value	Value Label
	1	No, don't spend any time in workplace
	2	Yes, will spend time in workplace
	3	Yes, I have spent time in workplace
	7	N/A
	8	Invalid
	9	Miss
ST63N02a	1346 - 1348 No of days will spend at workplace	Q63 - days to do
ST63N03a	1349 - 1351 No of days have spent at workplace	Q63 - days spent
ST64N01	1352 - 1352 What work is really like	Q64a
	Validation Rule	
	"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"	
	Value	Value Label
	1	Quite a lot
	2	A fair bit
	3	Not much
	4	Nothing
	5	Don't know
	7	N/A
	8	Invalid
	9	Miss
ST64N02	1353 - 1353 Getting along with others	Q64b
	Validation Rule	
	"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"	
	Value	Value Label
	1	Quite a lot
	2	A fair bit
	3	Not much
	4	Nothing
	5	Don't know
	7	N/A
	8	Invalid
	9	Miss

ST64N03	1354 - 1354 Following instructions	Q64c
	Validation Rule	
	"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"	
	Value	Value Label
	1	Quite a lot
	2	A fair bit
	3	Not much
	4	Nothing
	5	Don't know
	7	N/A
	8	Invalid
	9	Miss
ST64N04	1355 - 1355 Thinking for yourself	Q64d
	Validation Rule	
	"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"	
	Value	Value Label
	1	Quite a lot
	2	A fair bit
	3	Not much
	4	Nothing
	5	Don't know
	7	N/A
	8	Invalid
	9	Miss
ST64N05	1356 - 1356 Being confident	Q64e
	Validation Rule	
	"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"	
	Value	Value Label
	1	Quite a lot
	2	A fair bit
	3	Not much
	4	Nothing
	5	Don't know
	7	N/A
	8	Invalid
	9	Miss
ST64N06	1357 - 1357 Kind of skills need for job	Q64f
	Validation Rule	
	"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"	
	Value	Value Label
	1	Quite a lot
	2	A fair bit
	3	Not much
	4	Nothing
	5	Don't know
	7	N/A
	8	Invalid
	9	Miss



ST64N07	1358 - 1358 Working conditions	Q64g
	Validation Rule	
	"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"	
	Value	Value Label
	1	Quite a lot
	2	A fair bit
	3	Not much
	4	Nothing
	5	Don't know
	7	N/A
	8	Invalid
	9	Miss
ST64N08	1359 - 1359 Career after school	Q64h
	Validation Rule	
	"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"	
	Value	Value Label
	1	Quite a lot
	2	A fair bit
	3	Not much
	4	Nothing
	5	Don't know
	7	N/A
	8	Invalid
	9	Miss
ST65N01	1360 - 1360 TAFE subjects at school	Q65
	Validation Rule	
	"1" or "2" or "7" or "8" or "9"	
	Value	Value Label
	1	Yes
	2	No
	7	N/A
	8	Invalid
	9	Miss
ST66N01	1361 - 1361 TAFE study part of apprentice/trainee	Q66
	Validation Rule	
	"1" or "2" or "3" or "7" or "8" or "9"	
	Value	Value Label
	1	Yes, apprenticeship
	2	Yes, traineeship
	3	No, neither
	7	N/A
	8	Invalid
	9	Miss
ST67N01	1362 - 1362 TAFE at workplace	Q67
	Validation Rule	
	"1" or "2" or "3" or "7" or "8" or "9"	
	Value	Value Label
	1	No, don't spend time in workplace
	2	Yes, will spend time in workplace
	3	Yes, I have spent time in workplace
	7	N/A
	8	Invalid
	9	Miss

ST67N02a	1363 - 1365	No of days will spend at workplace	Q67 - days to do
ST67N02b	1366 - 1368	No of days have spent at workplace	Q67 - days spent
ST68N01	1369 - 1369	What work is really like	Q68a
		Validation Rule	
		"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"	
		Value	Value Label
		1	Quite a lot
		2	A fair bit
		3	Not much
		4	Nothing
		5	Don't know
		7	N/A
		8	Invalid
		9	Miss
ST68N02	1370 - 1370	Getting along with others	Q68b
		Validation Rule	
		"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"	
		Value	Value Label
		1	Quite a lot
		2	A fair bit
		3	Not much
		4	Nothing
		5	Don't know
		7	N/A
		8	Invalid
		9	Miss
ST68N03	1371 - 1371	Following instructions	Q68c
		Validation Rule	
		"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"	
		Value	Value Label
		1	Quite a lot
		2	A fair bit
		3	Not much
		4	Nothing
		5	Don't know
		7	N/A
		8	Invalid
		9	Miss
ST68N04	1372 - 1372	Thinking for yourself	Q68d
		Validation Rule	
		"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"	
		Value	Value Label
		1	Quite a lot
		2	A fair bit
		3	Not much
		4	Nothing
		5	Don't know
		7	N/A
		8	Invalid
		9	Miss

ST68N05	1373 - 1373 Being confident	Q68e
	Validation Rule	
	"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"	
	Value	Value Label
	1	Quite a lot
	2	A fair bit
	3	Not much
	4	Nothing
	5	Don't know
	7	N/A
	8	Invalid
	9	Miss
ST68N06	1374 - 1374 Kind of skills need for job	Q68f
	Validation Rule	
	"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"	
	Value	Value Label
	1	Quite a lot
	2	A fair bit
	3	Not much
	4	Nothing
	5	Don't know
	7	N/A
	8	Invalid
	9	Miss
ST68N07	1375 - 1375 Working conditions	Q68g
	Validation Rule	
	"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"	
	Value	Value Label
	1	Quite a lot
	2	A fair bit
	3	Not much
	4	Nothing
	5	Don't know
	7	N/A
	8	Invalid
	9	Miss
ST68N08	1376 - 1376 Career after school	Q68h
	Validation Rule	
	"1" or "2" or "3" or "4" or "5" or "7" or "8" or "9"	
	Value	Value Label
	1	Quite a lot
	2	A fair bit
	3	Not much
	4	Nothing
	5	Don't know
	7	N/A
	8	Invalid
	9	Miss

# **Student Questionnaire**

In this booklet you will find questions about:

- You and your family
- Your views on various issues related to science
- The environment
- Careers and science
- Learning time
- Teaching and learning science

Please read each question carefully and answer as accurately as you can. In the test you usually circled your answers. For this questionnaire, you will normally answer by ticking a box. For a few questions you will need to write a short answer.

If you make a mistake when ticking a box, cross out or erase your mistake and mark the correct box. If you make an error when writing an answer, simply cross it out and write the correct answer next to it.

**In this questionnaire, there are no right or wrong answers. Your answers should be the ones that are right for you.**

You may ask for help if you do not understand something or are not sure how to answer a question.

#### **Protecting your Privacy**

ACER is committed to protecting your privacy, and the confidentiality and security of the personal information you provide.

The information provided by you in this questionnaire will be used to generate statistics, such as totals and averages about all Australian students, not individuals.

School and student names are used to identify you when the PISA testing is carried out. Thereafter, this information is removed from the PISA database.

## SECTION 1: ABOUT YOU

**Q1** What year level are you in?

\_\_\_\_\_ *year*

**Q2** Which one of the following programs are you in?

*(Please tick only one box)*

Year 10 or below, in a general academic program .....  <sub>1</sub>

Year 10 or below, in a general academic program with some VET  
(vocational) subjects.....  <sub>2</sub>

Year 11 or 12, in a general academic program .....  <sub>3</sub>

Year 11 or 12, in a general academic program with some VET  
(vocational) subjects .....  <sub>4</sub>

Year 11 or 12, in a VET (vocational) course .....  <sub>5</sub>

**Q3** On what date were you born?

*(Please write the day, month and year you were born)*

\_\_\_\_\_ 19\_\_\_\_\_  
*Day Month Year*

**Q4** Are you female or male?

*Female*

*Male*

 <sub>1</sub> <sub>2</sub>

**Q5 Are you of Aboriginal or Torres Strait Islander origin?**

*(For persons of both Aboriginal and Torres Strait Islander origin, tick both 'Yes' boxes.)*

a) No ..... <sub>01</sub>

b) Yes, Aboriginal ..... <sub>02</sub>

c) Yes, Torres Strait Islander ..... <sub>03</sub>

## SECTION 2: YOUR FAMILY AND YOUR HOME

*In this section you will be asked some questions about your family and your home.*

*Some of the following questions are about your mother and father or those person(s) who are like a mother or father to you — for example, guardians, step-parents, foster parents, etc.*

*If you share your time with more than one set of parents or guardians, please answer the following questions for those parents/guardians you spend the most time with.*

**Q6a What is your mother's main job?**

(e.g. school teacher, kitchen-hand, sales manager)

*(If she is not working now, please tell us her last main job)*

*Please write in the job title.* \_\_\_\_\_

**Q6b What does your mother do in her main job?**

(e.g. teaches high school students, helps the chef prepare meals in a restaurant, manages a sales team)

*Please use a sentence to describe the kind of work she does or did in that job.*

\_\_\_\_\_



**Q7 What is the highest level of schooling completed by your mother?**

*If you are not sure which box to choose, please ask the test administrator for help.*

*(Please tick only one box)*

She completed Year 12 ..... <sub>1</sub>

She completed Year 10 or 11 and then did a TAFE training certificate (e.g. in Hairdressing or Bricklaying) ..... <sub>2</sub>

She completed some secondary school, but not more than Year 10 ..... <sub>3</sub>

She completed primary school only ..... <sub>4</sub>

She did not complete primary school ..... <sub>5</sub>

**Q8 Does your mother have any of the following qualifications?**

*If you are not sure how to answer this question, please ask the test administrator for help.*

*(Please tick one box in each row)*

- |                                                                                                 | <i>Yes</i>                            | <i>No</i>                             |
|-------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------|
| a) A university degree .....                                                                    | <input type="checkbox"/> <sub>1</sub> | <input type="checkbox"/> <sub>2</sub> |
| b) A TAFE diploma (e.g. Diploma in Information Technology, Diploma in Veterinary Nursing) ..... | <input type="checkbox"/> <sub>1</sub> | <input type="checkbox"/> <sub>2</sub> |
| c) A TAFE training certificate (e.g. in Hairdressing or Bricklaying) .....                      | <input type="checkbox"/> <sub>1</sub> | <input type="checkbox"/> <sub>2</sub> |

**Q9a What is your father's main job?**

(e.g. school teacher, kitchen-hand, sales manager)

*(If he is not working now, please tell us his last main job)*

*Please write in the job title.* \_\_\_\_\_

**Q9b What does your father do in his main job?**

(e.g. teaches high school students, helps the chef prepare meals in a restaurant, manages a sales team)

*Please use a sentence to describe the kind of work he does or did in that job.*

\_\_\_\_\_

**Q10 What is the highest level of schooling completed by your father?**

*If you are not sure how to answer this question, please ask the test administrator for help.*

*(Please tick only one box)*

He completed Year 12 ..... <sub>1</sub>

He completed Year 10 or 11 and then did a TAFE training certificate  
(e.g. in Hairdressing or Bricklaying) ..... <sub>2</sub>

He completed some secondary school, but not more than Year 10 ..... <sub>3</sub>

He completed primary school only ..... <sub>4</sub>

He did not complete primary school ..... <sub>5</sub>

**Q11 Does your father have any of the following qualifications?**

*If you are not sure which box to choose, please ask the test administrator for help.*

*(Please tick one box in each row)*

	<i>Yes</i>	<i>No</i>
a) A university degree .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
b) A TAFE diploma (e.g. Diploma in Information Technology, Diploma in Veterinary Nursing) .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
c) A TAFE training certificate (e.g. in Hairdressing or Bricklaying) .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>

**Q12a In what country were you and your parents born?**

*(Please tick one answer in each column)*

	<i>You</i>	<i>Mother</i>	<i>Father</i>
Australia .....	<input type="checkbox"/> <sub>01</sub>	<input type="checkbox"/> <sub>01</sub>	<input type="checkbox"/> <sub>01</sub>
New Zealand .....	<input type="checkbox"/> <sub>02</sub>	<input type="checkbox"/> <sub>02</sub>	<input type="checkbox"/> <sub>02</sub>
England .....	<input type="checkbox"/> <sub>03</sub>	<input type="checkbox"/> <sub>03</sub>	<input type="checkbox"/> <sub>03</sub>
China .....	<input type="checkbox"/> <sub>04</sub>	<input type="checkbox"/> <sub>04</sub>	<input type="checkbox"/> <sub>04</sub>
Philippines .....	<input type="checkbox"/> <sub>05</sub>	<input type="checkbox"/> <sub>05</sub>	<input type="checkbox"/> <sub>05</sub>
South Africa .....	<input type="checkbox"/> <sub>06</sub>	<input type="checkbox"/> <sub>06</sub>	<input type="checkbox"/> <sub>06</sub>
Hong Kong .....	<input type="checkbox"/> <sub>07</sub>	<input type="checkbox"/> <sub>07</sub>	<input type="checkbox"/> <sub>07</sub>
India .....	<input type="checkbox"/> <sub>08</sub>	<input type="checkbox"/> <sub>08</sub>	<input type="checkbox"/> <sub>08</sub>
United States of America .....	<input type="checkbox"/> <sub>09</sub>	<input type="checkbox"/> <sub>09</sub>	<input type="checkbox"/> <sub>09</sub>
South Korea .....	<input type="checkbox"/> <sub>10</sub>	<input type="checkbox"/> <sub>10</sub>	<input type="checkbox"/> <sub>10</sub>
Other country .....	<input type="checkbox"/> <sub>11</sub>	<input type="checkbox"/> <sub>11</sub>	<input type="checkbox"/> <sub>11</sub>

If other country, please specify ..... \_\_\_\_\_

**Q12b If you were NOT born in Australia, how old were you when you arrived in Australia?**

*(If you were less than 12 months old, please write zero (0))*

\_\_\_\_\_ years

**Q13 What language do you speak at home most of the time?**

*(Please tick only one box)*

- English .....  313
- an Australian Indigenous language .....  463
- Italian .....  200
- Cantonese .....  625
- Arabic (including Lebanese) .....  500
- Vietnamese .....  329
- Greek .....  449
- Mandarin .....  641
- Tagalog (Filipino) .....  108
- Spanish .....  156
- Macedonian .....  492
- Other language .....  801

If other language, please specify ..... \_\_\_\_\_

**Q14 Which of the following are in your home?**

*(Please tick one box in each row)*

	<i>Yes</i>	<i>No</i>
a) A desk to study at .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
b) A room of your own .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
c) A quiet place to study .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
d) A computer you can use for school work .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
e) Educational software .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
f) A link to the Internet .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
g) Your own calculator .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
h) Classic literature (e.g. Shakespeare, Dickens, Patrick White) .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
i) Books of poetry .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
j) Works of art (e.g. paintings) .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
k) Books to help with your school work .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
l) A dictionary .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
m) A dishwasher .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
n) A DVD or VCR player .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
o) Cable/pay TV .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
p) Digital camera .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
q) Plasma TV .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>

**Q15** How many of these are there at your home?

*(Please tick only one box in each row)*

	<i>None</i>	<i>One</i>	<i>Two</i>	<i>Three or more</i>
a) Mobile phones .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <sub>4</sub>
b) Televisions .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <sub>4</sub>
c) Computers .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <sub>4</sub>
d) Cars .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <sub>4</sub>
e) Rooms with a bath and/or shower .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <sub>4</sub>

**Q16** How many books are there in your home?

*There are usually about 40 books per metre of shelving. Do not include magazines, newspapers, or your school books.*

*(Please tick only one box)*

- 0-10 books ..... <sub>1</sub>
- 11-25 books ..... <sub>2</sub>
- 26-100 books ..... <sub>3</sub>
- 101-200 books ..... <sub>4</sub>
- 201-500 books ..... <sub>5</sub>
- More than 500 books ..... <sub>6</sub>

## SECTION 3: YOUR VIEWS ON SCIENCE

*This section asks about your views on various issues relating to science. Science refers to any topics that you might encounter in school, or outside of school (for example on television) that relate to space science, biology, chemistry, Earth science or physics.*

### Q17 How much do you agree with the statements below?

*(Please tick only one box in each row)*

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
a) I generally have fun when I am learning science topics .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
b) I like reading about science .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
c) I am happy doing science problems .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
d) I enjoy acquiring new knowledge in science ..	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
e) I am interested in learning about science .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>



**Q18 How easy do you think it would be for you to perform the following tasks on your own?**

*(Please tick only one box in each row)*

	<i>I could do this easily</i>	<i>I could do this with a bit of effort</i>	<i>I would struggle to do this on my own</i>	<i>I couldn't do this</i>
a) Recognise the science question that underlies a newspaper report on a health issue .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
b) Explain why earthquakes occur more frequently in some areas than in others .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
c) Describe the role of antibiotics in the treatment of disease .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
d) Identify the science question associated with the disposal of garbage .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
e) Predict how changes to an environment will affect the survival of certain species .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
f) Interpret the scientific information provided on the labelling of food items .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
g) Discuss how new evidence can lead you to change your understanding about the possibility of life on Mars .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
h) Identify the better of two explanations for the formation of acid rain .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>

**Q19 How much do you agree with the statements below?**

*(Please tick only one box in each row)*

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
a) Advances in science and technology usually improve people's living conditions .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
b) Science is important for helping us to understand the natural world .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
c) Some concepts in science help me see how I relate to other people .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
d) Advances in science and technology usually help improve the economy .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
e) I will use science in many ways when I am an adult .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
f) Science is valuable to society .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
g) Science is very relevant to me .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
h) I find that science helps me to understand the things around me .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
i) Advances in science and technology usually bring social benefits .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
j) When I leave school there will be many opportunities for me to use science .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>

**Q20 How often do you do these things?**

*(Please tick only one box in each row)*

	<i>Very Often</i>	<i>Regularly</i>	<i>Sometimes</i>	<i>Never or hardly ever</i>
a) Watch TV programs about science .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
b) Borrow or buy books on science topics .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
c) Visit web sites about science topics ....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
d) Listen to radio programs about advances in science .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
e) Read science magazines or science articles in newspapers .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
f) Attend a science club .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>

**Q21 Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?**

*(Please tick as many boxes as apply in each row)*

	<i>None of these, I am not sure what this is</i>	<i>My school</i>	<i>The TV, radio, newspaper or magazines</i>	<i>My friends</i>	<i>My family</i>	<i>The Internet or books</i>
a) Photosynthesis ....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>
b) Formation of the continents .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>
c) Genes and chromosomes .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>
d) Soundproofing ....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>
e) Climate change ...	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>
f) Evolution .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>
g) Nuclear energy ...	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>
h) Health and nutrition .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>

**Q22 How much interest do you have in learning about the following science topics?**

*(Please tick only one box in each row)*

	<i>High Interest</i>	<i>Medium Interest</i>	<i>Low Interest</i>	<i>No Interest</i>
a) Topics in physics .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
b) Topics in chemistry .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
c) The biology of plants .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
d) Human biology .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
e) Topics in astronomy .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
f) Topics in geology .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
g) Ways scientists design experiments .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
h) What is required for scientific explanations ....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>

## SECTION 4: THE ENVIRONMENT

### Q23 How informed are you about the following environmental issues?

*(Please tick only one box in each row)*

	<i>I have never heard of this</i>	<i>I have heard about this but I would not be able to explain what it is really about</i>	<i>I know something about this and could explain the general issue</i>	<i>I am familiar with this and I would be able to explain this well</i>
a) The increase of greenhouse gases in the atmosphere .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
b) Use of genetically modified organisms (GMO) .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
c) Acid rain .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
d) Nuclear waste .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
e) The consequences of clearing forests for other land use .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>

**Q24 From which source(s) did you mainly learn about each of these environmental issues?**

*(Please tick as many boxes as apply in each row)*

	<i>None of these, I am not sure what this is</i>	<i>My school</i>	<i>The TV, radio, newspaper or magazines</i>	<i>My friends</i>	<i>My family</i>	<i>The Internet or books</i>
a) Air pollution ...	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>
b) Energy shortages .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>
c) Extinction of plants and animals .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>
d) Clearing of forests for other land use	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>
e) Water shortages .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>
f) Nuclear waste	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>

**Q25 Do you see the environmental issues below as a serious concern for yourself and/or others?**

*(Please tick only one box in each row)*

	<i>This is a serious concern for me personally as well as others</i>	<i>This is a serious concern for other people in my country but not me personally</i>	<i>This is a serious concern only for people in other countries</i>	<i>This is not a serious concern to anyone</i>
a) Air pollution .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
b) Energy shortages .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
c) Extinction of plants and animals .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
d) Clearing of forests for other land use .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
e) Water shortages .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
f) Nuclear waste .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>



**Q26 Do you think problems associated with the environmental issues below will improve or get worse over the next 20 years?**

*(Please tick only one box in each row)*

	<i>Improve</i>	<i>Stay about the same</i>	<i>Get worse</i>
a) Air pollution .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>
b) Energy shortages .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>
c) Extinction of plants and animals .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>
d) Clearing of forests for other land use .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>
e) Water shortages .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>
f) Nuclear waste .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>

**Q27 How much do you agree with the statements below?**

*(Please tick only one box in each row)*

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
a) It is important to carry out regular checks on the emissions from cars as a condition of their use .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
b) It disturbs me when energy is wasted through the unnecessary use of electrical appliances .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
c) I am in favour of having laws that regulate factory emissions even if this would increase the price of products .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
d) To reduce waste, the use of plastic packaging should be kept to a minimum .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
e) Industries should be required to prove that they safely dispose of dangerous waste materials .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
f) I am in favour of having laws that protect the habitats of endangered species .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
g) Electricity should be produced from renewable sources as much as possible, even if this increases the cost .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>

## SECTION 5: CAREERS AND SCIENCE

*In this section we ask you questions about science-related careers. When thinking about what a science-related career might be, think of the many jobs that involve science – not just the traditional ‘scientist’. Careers like engineer (involving physics), weather forecaster (involving Earth science), optician (involving biology and physics), and medical doctors (involving the medical sciences) are all examples of science-related careers.*

### **Q28 How much do you agree with the statements below?**

*(Please tick only one box in each row)*

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
a) The subjects <u>available</u> at my school provide students with the basic skills and knowledge for a science-related career .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
b) The science subjects at my school provide students with the basic skills and knowledge for many different careers .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
c) The subjects <u>I study</u> provide me with the basic skills and knowledge for a science-related career .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
d) My teachers equip me with the basic skills and knowledge I need for a science-related career .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>

**Q29 How informed are you about these topics?**

*(Please tick only one box in each row)*

	<i>Very well informed</i>	<i>Fairly informed</i>	<i>Not well informed</i>	<i>Not informed at all</i>
a) Science-related careers that are available in the job market .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
b) Where to find information about science-related careers .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
c) The steps students need to take if they want a science-related career .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
d) Employers or companies that hire people to work in science-related careers .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>

**Q30 How much do you agree with the statements below?**

*(Please tick only one box in each row)*

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
a) I would like to work in a career involving science .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
b) I would like to study science after secondary school .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
c) I would like to spend my life doing advanced science .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
d) I would like to work on science projects as an adult .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>

**Q31 What kind of job do you expect to have when you are about 30 years old?**

*Write the job title* \_\_\_\_\_

## SECTION 6: LEARNING TIME

### Q32 How much time do you typically spend per week studying the following subjects?

*For each subject, please indicate separately:*

- *the time spent attending regular lessons at your school;*
- *the time spent attending out-of-school-time lessons (at school, at home or somewhere else);*
- *the time spent studying or doing homework by yourself.*

***An hour here refers to 60 minutes, not to a class period.***

*(Please tick only one box in each row)*

		<i>Less than 2 hours a week</i>	<i>2 or more but less than 4 hours a week</i>	<i>4 or more but less than 6 hours a week</i>	<i>6 or more hours a week</i>
<b>Science</b>					
a) Regular lessons in science at my school .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
b) Out-of school-time lessons in science .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
c) Study or homework in science by myself .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
<b>Mathematics</b>					
d) Regular lessons in mathematics at my school .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
e) Out-of school-time lessons in mathematics .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
f) Study or homework in mathematics by myself .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
<b>English</b>					
g) Regular lessons in English at my school .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
h) Out-of school-time lessons in English .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
i) Study or homework in English by myself .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>

**Q32 (continued)**

<b>Other subjects</b>		<i>No time</i>	<i>Less than 2 hours a week</i>	<i>2 or more but less than 4 hours a week</i>	<i>4 or more but less than 6 hours a week</i>	<i>6 or more hours a week</i>
j) Regular lessons in other subjects at my school .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>	
k) Out-of-school time lessons in other subjects .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>	
l) Study or homework in other subjects by myself .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>	

**Q33 What type of out-of-school-time lessons do you attend currently (if any)?**

*These are lessons in subjects that you are learning at school, that you spend extra time learning outside of normal school hours. The lessons might be held at your school, at your home or somewhere else. These are **only** lessons in subjects that you also learn at school.*

*(Please tick only one box in each row)*

- |                                                                                                                   | Yes                                   | No                                    |
|-------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------|
| a) One to one lessons with a teacher who is also a teacher at your school .....                                   | <input type="checkbox"/> <sub>1</sub> | <input type="checkbox"/> <sub>2</sub> |
| b) One to one lessons with a teacher who is <u>not</u> a teacher at your school .....                             | <input type="checkbox"/> <sub>1</sub> | <input type="checkbox"/> <sub>2</sub> |
| c) Lessons in small groups (less than 8 students) with a teacher who is also a teacher at your school .....       | <input type="checkbox"/> <sub>1</sub> | <input type="checkbox"/> <sub>2</sub> |
| d) Lessons in small groups (less than 8 students) with a teacher who is <u>not</u> a teacher at your school ..... | <input type="checkbox"/> <sub>1</sub> | <input type="checkbox"/> <sub>2</sub> |
| e) Lessons in larger groups (8 students or more) with a teacher who is also a teacher at your school .....        | <input type="checkbox"/> <sub>1</sub> | <input type="checkbox"/> <sub>2</sub> |
| f) Lessons in larger groups (8 students or more) with a teacher who is <u>not</u> a teacher at your school .....  | <input type="checkbox"/> <sub>1</sub> | <input type="checkbox"/> <sub>2</sub> |

## SECTION 7: TEACHING AND LEARNING SCIENCE

*In this section we ask you questions about your opinions and abilities in the science you are learning at school. Science refers to any science subject you are studying. Some students may study a general science course, other students may study one or more specific science subjects.*

### Q34 Did you or do you take any of the courses listed below?

*(Please tick as many boxes as apply in each row)*

	<i>Last year</i>		<i>This year</i>	
	<i>Yes</i>	<i>No</i>	<i>Yes</i>	<i>No</i>
a) A compulsory science course .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
b) An optional science course .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
c) A compulsory biology course .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
d) An optional biology course .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
e) A compulsory physics course .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
f) An optional physics course .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
g) A compulsory chemistry course .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
h) An optional chemistry course .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>

*If you are studying any science subjects at school (this includes a general science course, or more specific science courses such as biology or physics), please continue.*

*If you are **not** studying any science subjects, please go to Q39 on page 34.*



**Q35 When learning science topics at school, how often do the following activities occur?**

*(Please tick only one box in each row)*

	<i>In all lessons</i>	<i>In most lessons</i>	<i>In some lessons</i>	<i>Never or hardly ever</i>
a) Students are given opportunities to explain their ideas .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
b) Students spend time in the laboratory doing practical experiments .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
c) Students are required to design how a science question could be investigated in the laboratory .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
d) The students are asked to apply a science concept to everyday problems .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
e) The lessons involve students' opinions about the topics .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
f) Students are asked to draw conclusions from an experiment they have conducted .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
g) The teacher explains how a science idea can be applied to a number of different phenomena (e.g. the movement of objects, substances with similar properties) .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
h) Students are allowed to design their own experiments .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>

**Q35 (continued)**

	<i>In all lessons</i>	<i>In most lessons</i>	<i>In some lessons</i>	<i>Never or hardly ever</i>
i) There is a class debate or discussion .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
j) Experiments are done by the teacher as demonstrations .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
k) Students are given the chance to choose their own investigations .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
l) The teacher uses science to help students understand the world outside school .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
m) Students have discussions about the topics .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
n) Students do experiments by following the instructions of the teacher .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
o) The teacher clearly explains the relevance of science concepts to our lives .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
p) Students are asked to do an investigation to test out their own ideas .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
q) The teacher uses examples of technological application to show how science is relevant to society .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>

**Q36 How much do you agree with the statements below?**

*(Please tick only one box in each row)*

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
a) Making an effort in my science subject(s) is worth it because this will help me in the work I want to do later on .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
b) What I learn in my science subject(s) is important for me because I need this for what I want to study later on .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
c) I study science because I know it is useful for me .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
d) Studying my science subject(s) is worthwhile for me because what I learn will improve my career prospects .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
e) I will learn many things in my science subject(s) that will help me get a job .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>

**Q37 In general, how important do you think it is for you to do well in the subjects below?**

*(Please tick only one box in each row)*

	<i>Very important</i>	<i>Important</i>	<i>Of little importance</i>	<i>Not important at all</i>
a) Science subjects .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
b) Mathematics subjects .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
c) English subjects .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>

**Q38** The following question asks about your experience in learning science topics.

**How much do you agree with the statements below?**

*(Please tick only one box in each row)*

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
a) Learning advanced science topics would be easy for me .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
b) I can usually give good answers to test questions on science topics .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
c) I learn science topics quickly .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
d) Science topics are easy for me .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
e) When I am being taught science, I can understand the concepts very well .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
f) I can easily understand new ideas in science ..	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>

## SECTION 8: YOUR USE OF COMPUTERS

The following questions ask about computers: this does not include calculators or games consoles like a PlayStation™ or Xbox™.

### Q39 Have you ever used a computer?

(Please tick only one box)

Yes ..... <sub>1</sub> →

No ..... <sub>2</sub> →

Please continue
Please go to Q45 on page 39.

### Q40 How long have you been using computers?

(Please tick only one box)

Less than one year ..... <sub>1</sub>

One year or more but less than three years ..... <sub>2</sub>

Three years or more but less than five years ..... <sub>3</sub>

Five years or more ..... <sub>4</sub>

### Q41 How often do you use a computer at these places?

(Please tick one box in each row)

		<i>Almost every day</i>	<i>Once or twice a week</i>	<i>A few times a month</i>	<i>Once a month or less</i>	<i>Never</i>
a) At home .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>	
b) At school .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>	
c) At other places .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>	

**Q42 How often do you use computers for the following reasons?**

*(Please tick one box in each row)*

	<i>Almost every day</i>	<i>A few times each week</i>	<i>Between once a week and once a month</i>	<i>Less than once a month</i>	<i>Never</i>
a) Browse the Internet for information about people, things, or ideas .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
b) Play games .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
c) Write documents (e.g. with Microsoft Word® or WordPerfect®) .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
d) Use the Internet to collaborate with a group or team .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
e) Use spreadsheets (e.g. Lotus 1 2 3® or Microsoft Excel®) .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
f) Download software from the Internet (including games) .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
g) Drawing, painting or using graphics programs .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
h) Use educational software such as Mathematics programs .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
i) Download music from the Internet .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
j) Writing computer programs	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
k) For communication (e.g. E-mail or “chat rooms”) .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>

**Q43 How well can you do each of these tasks on a computer?**

*(Please tick one box in each row)*

	<i>I can do this very well by myself</i>	<i>I can do this with help from someone</i>	<i>I know what this means but I cannot do it</i>	<i>I don't know what this means</i>
a) Chat online .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
b) Use software to find and get rid of computer viruses .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
c) Edit digital photographs or other graphic images .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
d) Create a database (e.g. using Microsoft Access®) .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
e) Copy data to a CD (e.g. make a music CD) .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
f) Move files from one place to another on a computer .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
g) Search the Internet for information .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
h) Download files or programs from the Internet .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
i) Attach a file to an E-mail message .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
j) Use a word processor (e.g. to write an essay for school) .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
k) Use a spreadsheet to plot a graph .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
l) Create a presentation (e.g. using Microsoft PowerPoint®) .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
m) Download music from the Internet .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>

**Q43 (continued)**

	<i>I can do this very well by myself</i>	<i>I can do this with help from someone</i>	<i>I know what this means but I cannot do it</i>	<i>I don't know what this means</i>
n) Create a multi-media presentation (with sound, pictures, video) .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
o) Write and send E-mails .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
p) Construct a web page .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>



## SECTION 9: OUT OF SCHOOL ACTIVITIES

**Q44** On average, how many hours do you spend each week on the following?

*(When answering include time at the weekend too)*

- a) Working at a paid job (not at home) ..... \_\_\_\_\_ hours per week
- b) Watching TV ..... \_\_\_\_\_ hours per week
- c) Listening to music ..... \_\_\_\_\_ hours per week
- d) Playing sport ..... \_\_\_\_\_ hours per week
- e) Reading for pleasure ..... \_\_\_\_\_ hours per week
- f) Doing unpaid or voluntary work ..... \_\_\_\_\_ hours per week

## SECTION 10: YOUR LIFE AT SCHOOL

### Q45 Compared with most of the students in your year level at school, how well are you doing in...

*(Please tick one box in each row)*

	<i>Very well</i>	<i>Better than average</i>	<i>About average</i>	<i>Not very well</i>	<i>Very poorly</i>	<i>Not studying this subject</i>
a) Your English/literacy subject(s)? .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>	<input type="checkbox"/> <sub>6</sub>
b) Your mathematics/numeracy subject(s)? .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>	<input type="checkbox"/> <sub>6</sub>
c) Your subjects overall? .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>	<input type="checkbox"/> <sub>6</sub>

### Q46 My school is a place where...

*(Please tick one box in each row)*

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
a) The work we do is interesting .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
b) Teachers are fair and just to me .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
c) The things I learn are important to me .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
d) I have learnt to work hard .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
e) I feel happy .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
f) Teachers listen to what I say .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
g) I achieve a standard in my work which I consider satisfactory .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>

**Q46 (continued)**

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
h) I like learning .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
i) I get enjoyment from being here .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
j) The work I do is good preparation for my future .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
k) I like to ask questions in class .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
l) Teachers give me the marks I deserve .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
m) I have acquired skills that will be of use to me when I leave school .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
n) I always achieve a satisfactory standard in my work .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
o) I like to do extra work .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
p) Teachers take a personal interest in helping me with my school work .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
q) I really like to go each day .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
r) I enjoy what I do in class .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
s) I always try to do my best .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
t) The things I learn will help me in my adult life .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
u) I know how to cope with the work .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
v) Teachers help me do my best .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
w) I get excited about the work that we do ....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>

**Q46 (continued)**

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
x) I find that learning is a lot of fun .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
y) I am given the chance to do work that really interests me .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
z) I know I can do well enough to be successful .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
aa) The things I am taught are worthwhile learning .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
ab) I feel safe and secure .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
ac) Teachers treat me fairly in class .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
ad) I am a success as a student .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>

**Q47 Do you plan to complete Year 12?**

*(Please tick only one box)*

- Yes, I plan to complete Year 12 ..... <sub>1</sub>
- No, I do not plan to complete Year 12 ..... <sub>2</sub>
- I am not sure at this time ..... <sub>3</sub>

## SECTION 11: STUDY PLANS AFTER SCHOOL

### Q48 In the year immediately after you leave school...

*(Please tick one box in each row)*

	<i>Go to university</i>	<i>Get an apprenticeship</i>	<i>Get a traineeship</i>	<i>Go to a TAFE or VET college</i>	<i>Do some other study or training</i>	<i>Look for work/get a job</i>	<i>Don't know</i>	<i>Something else...</i>	
a) What do <b>you</b> plan to do? .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>	<input type="checkbox"/> <sub>6</sub>	<input type="checkbox"/> <sub>7</sub>	<input type="checkbox"/> <sub>8</sub>	
b) What do <b>your parents</b> want you to do? .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>	<input type="checkbox"/> <sub>6</sub>	<input type="checkbox"/> <sub>7</sub>	<input type="checkbox"/> <sub>8</sub>	
c) What do most of <b>your friends</b> plan to do? .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>	<input type="checkbox"/> <sub>6</sub>	<input type="checkbox"/> <sub>7</sub>	<input type="checkbox"/> <sub>8</sub>	

### Q49 Do you plan to do any further study at any other time after you leave school?

*(Please tick only one box)*

- No ..... <sub>1</sub>
- Yes, university course ..... <sub>2</sub>
- Yes, apprenticeship ..... <sub>3</sub>
- Yes, traineeship ..... <sub>4</sub>
- Yes, other TAFE or VET course .. <sub>5</sub>
- Something else ..... <sub>6</sub>

➔ Please go to Q50 on the next page

If something else, please tell us .....

\_\_\_\_\_

## SECTION 12: CONTACT DETAILS

**Q50** We would like to be able to keep in contact with you regarding your experiences in school, work, and further training.

*Please complete the following in BLOCK letters.*

**NAME:**

**HOME ADDRESS:**

**Number and Street**

**Suburb/Town**

**State**

**Post Code**

**Home Phone No**

(	)																		
---	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

**Mobile Phone No**

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

**Email**

*Please note: This information is removed from the PISA database at the conclusion of testing and will be used only as a contact for the follow-up study.*

## SECTION 13: WORK

### Q51 Do you currently have a part-time or casual job?

*This means a job that you do during school term, NOT just during holidays, and for which you are paid. Please do not include jobs you do at home to help out or for pocket money.*

*(Please tick only one box)*

Yes, I have a part-time or casual job ..... <sub>1</sub>



*Please continue*

No, I do not currently have a job ..... <sub>2</sub>



*Please go to page 46*

### Q52 During a typical week, how many hours do you work (in total) in your job?

*(If you do not work during one of these periods, please write zero (0))*

Monday to Friday ..... ——— hours

Saturday and Sunday ..... ——— hours

### Q53 In your main job, how much is your usual take-home pay?

*(Please enter your pay and circle the relevant payment period)*

\$\_\_\_\_\_ : \_\_\_\_\_ per (hour / week / fortnight / month)

### Q54 What is your job (e.g., cashier, food attendant)?

*Please write in the job title.* \_\_\_\_\_

### Q55 What do you do in your job? (e.g., serve customers, clean floors)?

*Please use a sentence to describe the kind of work you do in your job.*

\_\_\_\_\_

**Q56 What are your reasons for working?**

**I work because ...**

*(Please tick one box in each row)*

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
a) It is the kind of work I want to do as a career .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
b) I enjoy the work .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
c) My family needs the money .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
d) I like the sense of independence the job provides me .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
e) It will help me get a job when I finish studying .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
f) It is in the family business and I am expected to help .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
g) I need money to help support myself at school .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
h) Working gives me my own spending money .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>



If you are in Year 9 or 10, please continue.

If you are in Year 11 or 12, please go to Q60 on page 48.

## SECTION 14: WORK EXPERIENCE (Questions for Year 9 or 10 students)

*Work experience is a program that gives secondary school students a chance to explore and experience the world of work. Students can observe different aspects of work and may be given small jobs to do. Work experience usually involves placements of 1 or 2 weeks in a business or industry.*

### Q57 As a part of your schooling, have you done any work experience this year?

*(Please tick only one box)*

No, I am not doing work experience this year ..... <sub>1</sub>



*You have completed the questionnaire.  
Thank you for taking part in PISA.*

No, not yet but I will do work experience between now and the end of the year .... <sub>2</sub>



*You have completed the questionnaire.  
Thank you for taking part in PISA.*

Yes, I have done work experience this year ..... <sub>3</sub>



*Please continue*

### Q58 How many days of work experience have you done?

\_\_\_\_\_ days

**Q59 How much did work experience teach you about ...**

*(Please tick one box in each row)*

	<i>Quite a lot</i>	<i>A fair bit</i>	<i>Not much</i>	<i>Nothing</i>	<i>Don't know</i>
a) what work is really like .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
b) getting along with other people .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
c) following instructions .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
d) thinking for yourself .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
e) being confident .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
f) the kind of skills needed for that job .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
g) working conditions in general .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
h) the career you would like after school ...	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>

**Year 9 and 10 students:**

*You have completed the questionnaire.*

*Thank you for taking part in PISA.*

**SECTION 15: Courses at School**  
**(Questions for Year 11 or 12 students)**

**Q60** During 2006, are you studying for the International Baccalaureate (IB)?

*(Please tick only one box)*

Yes ..... <sub>1</sub> →

*You have completed the questionnaire.  
Thank you for taking part in PISA.*

No ..... <sub>2</sub> →

*Please continue*

**Q61** This year are you doing or have you done any Vocational Education and Training (VET) subjects at school?

*(Please tick only one box.)*

Yes ..... <sub>1</sub> →

*Please continue*

No ..... <sub>2</sub> →

*Please go to Q65 on page 50*

**Q62** Is this VET study part of an apprenticeship or traineeship?

*(Please tick only one box)*

Yes, apprenticeship ..... <sub>1</sub>

Yes, traineeship ..... <sub>2</sub>

No, neither ..... <sub>3</sub>

**Q63 Does this VET study involve time spent learning in a workplace (away from school)?**

*(Please tick only one box and enter the number of days learning away from school)*

No, I do not spend any time learning in a workplace as part of my VET study ..... <sub>1</sub>



*Please go to Q65 on page 50.*

Yes, **I will** spend time between now and the end of the year in a workplace ..... <sub>2</sub>



How many days \_\_\_\_\_

*Please go to Q65 on page 50.*

Yes, **I have** spent time learning in a workplace away from school ..... <sub>3</sub>



How many days \_\_\_\_\_

**Q64 How much has your workplace learning taught you about the following things?**

*(Please tick one box in each row)*

	<i>Quite a lot</i>	<i>A fair bit</i>	<i>Not much</i>	<i>Nothing</i>	<i>Don't know</i>
a) What work is really like .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
b) Getting along with other people .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
c) Following instructions .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
d) Thinking for yourself .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
e) Being confident .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
f) The kind of skills needed for that job .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
g) Working conditions in general .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
h) The career you would like after school ..	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>

**Q65 This year are you doing or have you done any study at a TAFE college or TAFE subjects as part of your schooling?**

*(Please tick only one box)*

Yes ..... <sub>1</sub> →

*Please continue*

No ..... <sub>2</sub> →

*You have completed the questionnaire.*

*Thank you for taking part in PISA.*

**Q66 Is this TAFE study part of an apprenticeship or traineeship?**

*(Please tick only one box)*

Yes, apprenticeship ..... <sub>1</sub>

Yes, traineeship ..... <sub>2</sub>

No, neither ..... <sub>3</sub>

**Q67 Does this TAFE study involve time spent learning in a workplace (away from school)?**

*(Please tick only one box and enter the number of days learning away from school)*

No, I do not spend any time learning in a workplace as part of my TAFE study ... <sub>1</sub> →

*You have completed the questionnaire. Thank you for taking part in PISA.*

Yes, **I will** spend time between now and the end of the year in a workplace ..... <sub>2</sub> → How many days \_\_\_\_\_

*You have completed the questionnaire. Thank you for taking part in PISA.*

Yes, **I have** spent time learning in a workplace away from school ..... <sub>3</sub> → How many days \_\_\_\_\_

**Q68 How much has your workplace learning taught you about the following things?**

*(Please tick one box in each row)*

	<i>Quite a lot</i>	<i>A fair bit</i>	<i>Not much</i>	<i>Nothing</i>	<i>Don't know</i>
a) What work is really like .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
b) Getting along with other people .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
c) Following instructions .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
d) Thinking for yourself .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
e) Being confident .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
f) The kind of skills needed for that job .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
g) Working conditions in general .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
h) The career you would like after school ..	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>

*You have completed the questionnaire.*

*Thank you for taking part in PISA.*