14 Year Parent SLQ Questionnaire Raw Data Coding

Entries in blue denote variable names and values used in the <u>cleaned raw data</u>.

This document was created on 4 February 2009 and last updated on 30 August 2023.

Notes:
1. The layout and formatting of this questionnaire have been somewhat modified in order to accommodate annotations of field names and value codes.
2. In questions asking for language names, these were originally recorded as free text but have subsequently been coded into numeric categories as shown. The language coding is shown in the questions and in the appendix at the end of this document.
3. In all cases, the field names in the raw data (shown in this document) differ from the variable names used in the analysis dataset (starting with 'nsl').
4. Most data in this questionnaire are categorical data, originally recorded using tick boxes, and coded in the data using numeric codes. In some variables, the raw data coding (shown here) differs from the coding used in the dataset (documented elsewhere).
5. In the cleaned raw data, a 'missing' response is coded as -99, 'not applicable' is coded as -77, and 'not available' in National Curriculum results is coded as -1. (Note that in the analysis dataset these are recoded to missing values.)
6. The items in this questionnaire are all twin-specific, where the parents are asked questions about the elder and younger twins separately. In the raw data, as in the original paper questionnaire, the twin-specific items refer explicitly to the first-born and second-born twin. However in the analysis dataset, the twin-specific data are re-structured for double-entry; this is fully documented elsewhere. The convention used for variable naming in the cleaned raw data is that variables with names ending in '1' refer to the elder twin, and variables with names ending in '2' refer to the younger twin. (Note that this is not the case in the analysis dataset, where variables with names ending in '1' and '2' denote twin and co-twin respectively.)
7. Several changes were made in different versions of the questionnaire:
   a. The "test results" (SATs) were dropped after cohort 1
   b. In the "teacher assessments" for modern foreign language, the language name was added in cohort 2
   c. Variables for additional languages (2nd modern foreign language teacher assessment, languages used at home, languages learned at school) were added at various stages after cohort 2; these were incorporated into later versions of the online questionnaire and into data entry structures, after finding that families had annotated the paper questionnaires with additional languages.

National Curriculum Assessment Results 2008

Twin 1: Please tick to indicate performance level at the end of Key Stage 3.

TEST Result [only cohort 1 have 'SAT' test results]	W	1	2	3	4	5	6	7	8	NA
English **EnglishSAT1**	0	1	2	3	4	5	6	7	8	-1
Mathematics **MathsSAT1**	0	1	2	3	4	5	6	7	8	-1
Science **ScienceSAT1**	0	1	2	3	4	5	6	7	8	-1

TEACHER Assessment [all cohorts have these teacher assessments]	W	1	2	3	4	5	6	7	8	EP	NA
English **EnglishTA1**	0	1	2	3	4	5	6	7	8	9	-1
Mathematics **MathsTA1**	0	1	2	3	4	5	6	7	8	9	-1
Science **ScienceTA1**	0	1	2	3	4	5	6	7	8	9	-1
Design and Technology **DTTA1**	0	1	2	3	4	5	6	7	8	9	-1
Geography **GeographyTA1**	0	1	2	3	4	5	6	7	8	9	-1
History **HistoryTA1**	0	1	2	3	4	5	6	7	8	9	-1
Information and Communication Technology **ICTTA1**	0	1	2	3	4	5	6	7	8	9	-1
Art and Design **ArtTA1**	0	1	2	3	4	5	6	7	8	9	-1
Music **MusicTA1**	0	1	2	3	4	5	6	7	8	9	-1
Physical Education **PETA1**	0	1	2	3	4	5	6	7	8	9	-1
Modern Foreign Language 1 **nslla1t1**	0	1	2	3	4	5	6	7	8	9	-1
Please state the language assessed **TAlanguage11 ***											
Modern Foreign Language 2 **nslla2t1**	0	1	2	3	4	5	6	7	8	9	-1
Please state the language assessed **TAlanguage21 ***											

W = working towards level 1; EP= Exceptional Performance; NA = Not Available.

* Coding used for foreign languages in Teacher Assessments:
2=Welsh, 3=French, 4=German, 5=Spanish,
6=other modern European language (Italian, Russian and others), 9=other

Teacher assessments were recorded for up to 2 modern foreign languages for each twin. Modern Foreign Language 2 was not in the first version of the questionnaire (it was introduced in the web version) so is missing for some twins.

Twin 2: Please tick to indicate performance level at the end of Key Stage 3.

TEST Result [only cohort 1 have 'SAT' test results]	W	1	2	3	4	5	6	7	8	NA
English EnglishSAT2	0	1	2	3	4	5	6	7	8	-1
Mathematics MathsSAT2	0	1	2	3	4	5	6	7	8	-1
Science ScienceSAT2	0	1	2	3	4	5	6	7	8	-1

TEACHER Assessment [all cohorts have these teacher assessments]	W	1	2	3	4	5	6	7	8	EP	NA
English EnglishTA2	0	1	2	3	4	5	6	7	8	9	-1
Mathematics MathsTA2	0	1	2	3	4	5	6	7	8	9	-1
Science ScienceTA2	0	1	2	3	4	5	6	7	8	9	-1
Modern Foreign Language LanguageTA2	0	1	2	3	4	5	6	7	8	9	-1
Design and Technology DTTA2	0	1	2	3	4	5	6	7	8	9	-1
Geography GeographyTA2	0	1	2	3	4	5	6	7	8	9	-1
History HistoryTA2	0	1	2	3	4	5	6	7	8	9	-1
Information and Communication Technology ICTTA2	0	1	2	3	4	5	6	7	8	9	-1
Art and Design ArtTA2	0	1	2	3	4	5	6	7	8	9	-1
Music MusicTA2	0	1	2	3	4	5	6	7	8	9	-1
Physical Education PETA2	0	1	2	3	4	5	6	7	8	9	-1
Modern Foreign Language 1 nslla1t2	0	1	2	3	4	5	6	7	8	9	-1
Please state the language assessed TAlanguage12 *											
Modern Foreign Language 2 nslla2t2	0	1	2	3	4	5	6	7	8	9	-1
Please state the language assessed TAlanguage22 *											

W = working towards level 1; EP= Exceptional Performance; NA = Not Available.

* As above for twin 1.

1. What languages do you and other adults at **home** use with the twins?

	Language * see coding below		This language is used:		
			All or most of the time	Half of the time	Less than half of the time
Twin 1	HomeLanguage11	HomeLanguage1use1	1	2	3
	HomeLanguage21	HomeLanguage2use1	1	2	3
	HomeLanguage31	HomeLanguage3use1	1	2	3
Twin 2	HomeLanguage12	HomeLanguage1use2	1	2	3
	HomeLanguage22	HomeLanguage2use2	1	2	3
	HomeLanguage32	HomeLanguage3use2	1	2	3

* Coding for languages used at home:
1=English, 2=Welsh, 3=French, 4=German, 5=Spanish,
6=other modern European language (Italian, Greek and others)
7=Asian language (Chinese, Japanese, Urdu, Punjabi, Gujerati, Bengali and others)
9=any other language

2. What is the main language used at **school**?

		English	Welsh	Other	If other please specify
Twin 1	SchoolLanguage1	1	2	3	
Twin 2	SchoolLanguage2	1	2	3	

The "if other please specify" text responses have not been retained due to negligible
numbers.

3. What languages are currently studied at **school** (including English)?

	Language * see coding below	Age at which they started learning (years) (free numeric)	Approximate time they use language **outside of school**	Often	Some times	Never
Twin 1	LanguageStudied1name1	LanguageStudied1age1	LanguageStudied1use1	1	2	3
	LanguageStudied2name1	LanguageStudied2age1	LanguageStudied2use1	1	2	3
	LanguageStudied3name1	LanguageStudied3age1	LanguageStudied3use1	1	2	3
	LanguageStudied4name1	LanguageStudied4age1	LanguageStudied4use1	1	2	3
	LanguageStudied5name1	LanguageStudied5age1	LanguageStudied5use1	1	2	3
Twin 2	LanguageStudied1name2	LanguageStudied1age2	LanguageStudied1use2	1	2	3
	LanguageStudied2name2	LanguageStudied2age2	LanguageStudied2use2	1	2	3
	LanguageStudied3name2	LanguageStudied3age2	LanguageStudied3use2	1	2	3
	LanguageStudied4name2	LanguageStudied4age2	LanguageStudied4use2	1	2	3
	LanguageStudied5name2	LanguageStudied5age2	LanguageStudied5use2	1	2	3

* Coding used for languages studied at school:
1=English, 2=Welsh, 3=French, 4=German, 5=Spanish,
6=other modern European language (Italian, Greek, Finnish, Irish, Russian and others),
7=Asian languages (Japanese, Chinese, Punjabi, Urdu, Hebrew and others),
8=classical languages (Latin, Ancient Greek), 9=other

Appendix: language codes

A common set of numeric codes has been used for variables in three parts of the questionnaire: foreign languages for Teacher Assessment; languages used at home; and languages studied at school.

As shown in the table, not all of these codes were used in all these raw variables, depending on the frequency of responses. For example, in the Teacher Assessments for foreign language, there were negligible responses for Asian languages, and in rare cases where these occurred they are coded as 9=other.

			Codes are used in:		
Code	Language /group	Includes	Language TA	Language used at home	Language studied at school
1	English	English	–	Yes	Yes
2	Welsh	Welsh	Yes	Yes	Yes
3	French	French	Yes	Yes	Yes
4	German	German	Yes	Yes	Yes
5	Spanish	Spanish	Yes	Yes	Yes
6	Other modern European	Italian, Dutch, Finnish, Russian, Greek, Irish, Polish, Swedish, Portuguese, Turkish	Yes	Yes	Yes
7	Asian	Chinese, Japanese, Urdu, Punjabi, Bengali, Hebrew, Arabic, Korean, Maori, Persian	–	Yes	Yes
8	Classics	Latin, Ancient Greek	–	–	Yes
9	Other	Any others not coded into categories above	Yes	Yes	Yes