

KEY STAGE

2

2005

# Level threshold tables and age standardised scores

for  
key stage 2 tests in English, mathematics and science

This booklet provides:

- tables for converting test marks into national curriculum levels;
- age standardised scores for the reading test, mathematics test A and test B, and the mental mathematics test.

**Marked test papers should arrive in schools by 5 July 2005.**

**If they have not arrived by that date, please contact the NAA's external marking agency immediately.**

2005



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# Introduction

## Training and checking marking standards

All test papers are marked by trained markers, who mark using the published mark schemes sent to all schools. The procedures below are being followed in 2005.

- All appointed markers have a strong background in teaching the subject. All markers attend a full day's training in the use of the mark scheme.
- Each marker's marking is checked at least twice; once at the beginning of the marking process and once towards the end.
- For pupils whose total marks are just below a level threshold, the markers review the original marking as a double-check.

## What to do when results are received

### ***Return of results***

Schools will be notified of their pupils' test results through the return of completed marksheets by 5 July 2005. If they have not arrived by the end of the day on 5 July 2005, please contact NAA's external marking agency on 0870 241 3540.

### ***Checking results***

The marking of pupils' tests will have been checked carefully before the papers are returned to schools. However, schools may wish to undertake their own checks, particularly for any pupils who receive unexpected results. If it is considered that a pupil has been awarded the wrong level, a review can be requested. Guidance for doing so is given in the *Information for schools* document, which will accompany your pupils' scripts back into school.

It is essential that requests for reviews follow the procedures set out in these booklets. This includes clearly identifying where the mark scheme has not been followed accurately in a question or questions. Requests for reviews must reach the NAA's external marking agency by 15 July 2005 at the latest. No reviews can be discussed over the telephone.

### ***Reporting results***

The key stage 2 test levels awarded must be reported to pupils' parents within 15 school days of the return of results to schools, alongside the end-of-key-stage teacher assessment levels. If the outcome of a review is pending, schools should report test results to parents as provisional. Parents should also receive a summary giving the proportion of pupils awarded each level in the school this year and nationally in 2004. Please refer to the 2005 key stage 2 *Assessment and reporting arrangements* booklet for full information on reporting to parents (pages 73–76). Schools may, if they wish, give the marked tests back to pupils.

***Submitting teacher assessment data***

The deadline for submitting teacher assessment levels to the NAA's data collection agency is 11 July 2005. The date for submission of this information has been set so that national summary data can be made available to schools and LEAs as early as possible. To achieve this, teacher assessment data must be submitted promptly. Any queries regarding the submission of teacher assessment data should be directed to the NAA's data collection agency, telephone number 01709 704699.

# How the levels are set

The national curriculum tests are written against the programmes of study and are designed to award levels that equate demand to the level descriptions.

QCA has in place a range of procedures, both statistical and judgemental, to ensure that the standards of performance required for the award of each level are maintained consistently from year to year. These procedures include extensive pre-testing of all test papers, cross key stage pre-tests, obtaining the judgement of panels of teachers, and the advice of the marking programme leader and deputy marking programme leader once the marking is well under way each year. These procedures have enabled QCA to set threshold scores each year which have maintained standards since 1996.

## Setting draft thresholds

QCA sets draft level thresholds with the test development agencies for each subject in January/February preceding the tests in May. The difficulty of the current test is considered by looking at pre-test data, which includes a number of measures designed to identify any variation in the underlying difficulty of the test papers from year to year. The draft level thresholds are used to inform the next stage of the process.

## Setting level thresholds

Once the test has been taken and marking is under way, samples of marked scripts from year 6 pupils are collected from external markers. The scripts which fall close to the draft level thresholds are scrutinised in detail by senior markers.

A final level setting meeting is then convened in June to set the final level thresholds using all the evidence available.

The marks obtained by approximately 30,000 pupils in the 'live' tests are collected so that QCA can check the impact of the decisions made in setting the thresholds.

# Level thresholds

The mark schemes give the acceptable answers for test questions and set out the criteria for the award of marks. They also contain guidance on the general criteria used by external markers in the application of the mark schemes. The marks awarded for each question are shown on pupils' scripts, and the following method is used to note the marks awarded:

- 1** means that a creditworthy response has scored one mark;
- 0** means that a response is not creditworthy.

Half marks are not awarded. Some questions are worth two or more marks.

Some pupils' test papers may contain two sets of marks – one in red and one in green. This occurs where markers' work is routinely and randomly checked and in all cases the green marks override the red.

Pupils who narrowly fail to achieve the lowest level targeted by the levels 3–5 tests are awarded a compensatory level 2. Pupils who score fewer marks than are required for a compensatory award will be awarded 'N'.

To arrive at an overall level for English, mathematics and science, the marks awarded on all the test papers in each subject are added together, then the tables on pages 6–8 are used to convert a pupil's total mark into a test level. Pupils who were absent for one or more papers in a subject will be awarded 'A' overall for that subject.

## The English tests

### ***Reading test***

The reading test is marked against the mark scheme, which includes descriptive criteria. For the more open questions, which carry several marks, judgements are made about how well a pupil's response fits these criteria.

### ***Writing test***

In marking the longer writing task, markers are required to make judgements against the criteria for Sentence structure and punctuation, Text structure and organisation, and Composition and effect given in bands in the mark scheme. In marking the shorter writing task, markers are required to make judgements against criteria for Sentence structure, punctuation and text organisation, and Composition and effect. Markers are instructed to tick each page as they mark and to rule a line at the end of the pupil's writing. Markers are required not to place any further marks on the script.

### ***Spelling test***

The mark scheme gives the correct answers. The total number of correct spellings is converted to a mark using the table on the back page of the pupil's script. This ensures that the weighting given to the spelling test represents seven per cent of the total mark for English.

### ***Handwriting***

Marks are awarded according to the criteria given in the mark scheme. Pupils who are physically unable to write are awarded two marks.

To find the reading level, the number of marks awarded on the reading test should be used with the table below.

### Reading

Level	Mark range
N	0–10
3	11–16
4	17–30
5	31–50

To find the writing level, the number of marks awarded on the writing test should be used with the table below.

### Writing

Level	Mark range
N	0–12
3	13–24
4	25–36
5	37–50

There is no compensatory level 2 award available for reading and writing.

*The table below gives the mark ranges for the award of each level for English overall.*

### English overall

Level	Mark range
N	0–20
2	21–23
3	24–41
4	42–67
5	68–100



## The mathematics tests

Markers record the number of marks awarded in the grey margin of the test paper. The total number of marks awarded is recorded on the front of each test paper and on the marksheet. All questions, including those not attempted by the pupil, are marked with a '1', '0' or '-' (for 'no response').

Most of the questions carry one mark only, although some carry two.

In some two-mark questions, if a pupil has not given the right answer, but there is evidence that an appropriate method or working has been used, '1' will be recorded in the appropriate mark box and '0' in the other box.

For the mental mathematics test, where pupils provided the correct answer, a score of '1' will have been recorded.

Marks awarded for test A and test B and the mental mathematics test are totalled to provide an overall mark.

*This table gives the mark ranges for the award of each pupil's statutory test level.*

Level	Mark range
N	0–16
2	17–19
3	20–47
4	48–77
5	78–100

## The science tests

Markers record the number of marks awarded in the grey margin of the test paper. The total number of marks awarded is recorded on the front of each test paper and on the marksheet. All questions, including those not attempted by the pupil, are marked with a '1', '0' or '-' (for 'no response').

Most of the questions carry one mark only, although some carry two.

*This table gives the mark ranges for the award of each pupil's statutory test level.*

<b>Level</b>	<b>Mark range</b>
N	0–19
2	20–22
3	23–41
4	42–62
5	63–80

# Age standardised scores

This section provides age standardised scores from the levels 3–5 reading test *Travelling on*, the mathematics test (test A plus test B) and the mental mathematics test. The scores are for **optional** use, and you need only refer to this section if you wish. The purpose of the information set out here is to allow you to convert the pupil's actual score in the tests – the 'raw score' – to an age standardised score. Age standardised scores take into account the pupil's age in years and months, so you have an indication of how each pupil is performing relative to other pupils of the same age. However, age standardised scores will not affect the pupil's level of achievement in the national curriculum as awarded by the outcome of the tests.

The tables were calculated from the test results of pupils involved in the level confirmation exercise. This involved year 6 pupils who took the tests in May 2005 under statutory conditions, in accordance with the statutory test timetable. The English and mathematics tables are based on between 31,000 and 36,000 pupils' results. The information in the tables is specific to each test and cannot be used for any others.

## Calculating age standardised scores

You will need each pupil's test score and age at the time of testing, in years and *completed* months. For example, a pupil born on 30 March 1994 and tested on 12 May 2005 would be 11 years and 1 month old.

Using the tables on pages 12–18, you can convert the raw test score into an age standardised score by:

- locating the pupil's age in years and completed months at the time the test was taken, along the top of the table
- locating the pupil's raw test score down the left side of the table
- reading off the standardised score from where the row and column meet.

The average standardised score is 100. A higher score is above average and a lower score is below average. About two-thirds of the pupils will have standardised scores of between 85 and 115, so scores outside this range can be regarded as exceptional.

## Making use of age standardised scores

If you choose to work out age standardised scores, you may use this additional information about the pupils' performance in various ways. For example:

- Age standardised scores could be averaged across a group, for example a class or year group. In the average school, year group or class, the mean score should be close to 100; if it is much above or below this, the performance of your class or school varies from the national 'average'.
- You may include it as part of the information to parents, eg *an age standardised score of 112 shows us that the test performance was above average for his or her age.*
- You may be able to identify patterns and results which indicate teaching and learning issues to be addressed, eg *the difference in older/younger pupils' performance.*

- Similarly, age standardised scores can be used to consider differences in performance between boys and girls, or pupils who have English as an additional language and those who do not. In order to provide useful information, these groups need to be reasonably large; small groups will not provide reliable information.
- The progress made by an individual, a class or a school can be monitored from one year to the next. Age standardised scores can be calculated and reported for individual pupils. However, because of the nature of the scores and the fact that they are a statistical estimate (see 'Confidence bands' on page 11), the scores are much more reliable when calculated for groups of pupils. In addition, if reported to parents, the fact that a pupil who is making typical progress from year to year will remain on a similar age standardised score will need to be explained.

## **National comparisons – using the shaded bands**

The tables of standardised scores are divided into five shaded bands. These bands give an indication of how the scores relate to the national population. The band nearest the top of a table contains the scores that correspond to the lowest fifth of the population; the next band, the next fifth; and so on. If a pupil has a score in the final band, you know that his or her score is in the top 20 per cent nationally, once age has been taken into account.

\*\*\*

Very low and very high scores are printed in the table as \*\*\*. This means that they would be below the lowest score in the table or above the highest, but cannot be calculated with the necessary degree of statistical reliability. If an exact score is needed, for example to calculate an average for the class, the next score below (69) or above (141) should be used as appropriate for these pupils.

## Confidence bands

Any scores derived from a short test are subject to some margin of error. A margin of error does not mean pupils have been assessed incorrectly. It is simply a statistical estimate, based on the fact that tests can only sample the particular area of learning which they assess. To indicate how wide this margin of error is likely to be, a '90 per cent confidence band' has been calculated. This means that you can be 90 per cent sure that the pupil's true score lies within the confidence band.

- The 90 per cent confidence band for the reading test is plus or minus 8 marks. So, for example, if a pupil has a standardised score of 110, you can be 90 per cent certain that the true score is between 102 and 118.
- The 90 per cent confidence band for the mathematics test (test A plus test B) is plus or minus 5 marks. So, for example, if a pupil has a standardised score of 110, you can be 90 per cent certain that the true score is between 105 and 115.
- The 90 per cent confidence band for the mental mathematics test is plus or minus 9 marks. So, for example, if a pupil has a standardised score of 110, you can be 90 per cent certain that the true score is between 101 and 119.

## KEY STAGE 2 READING TEST 2005

Raw score	Age in years and months																								
	10.05	10.06	10.07	10.08	10.09	10.10	10.11	11.00	11.01	11.02	11.03	11.04	11.05	11.06	11.07	11.08	11.09	11.10	11.11						
0	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***					
1	72	72	72	72	72	72	71	71	71	71	71	71	71	71	71	71	71	71	71	71					
2	74	74	74	74	74	74	74	73	73	73	73	73	73	73	73	73	73	73	73	73					
3	75	75	75	75	75	75	75	75	75	75	75	75	74	74	74	74	74	74	74	74					
4	76	76	76	76	76	76	76	76	76	76	76	75	75	75	75	75	75	75	75	75					
5	77	77	77	77	77	77	77	76	76	76	76	76	76	76	76	76	76	76	76	76					
6	78	77	77	77	77	77	77	77	77	77	77	77	77	77	77	76	76	76	76	76					
7	78	78	78	78	78	78	78	78	78	77	77	77	77	77	77	77	77	77	77	77					
8	79	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	77	77	77	77					
9	79	79	79	79	79	79	79	78	78	78	78	78	78	78	78	78	78	78	78	78					
10	79	79	79	79	79	79	79	79	79	79	79	79	79	79	79	78	78	78	78	78					
11	81	80	80	80	79	79	79	79	79	79	79	79	79	79	79	79	79	79	78	78					
12	82	82	81	81	81	80	80	80	80	79	79	79	79	79	79	79	79	79	79	79					
13	83	83	82	82	82	81	81	81	81	81	80	80	80	80	79	79	79	79	79	79					
14	84	84	84	83	83	83	82	82	82	82	81	81	81	81	81	80	80	80	80	79					
15	85	85	85	84	84	84	84	83	83	83	82	82	82	82	81	81	81	81	81	80					
16	87	86	86	86	85	85	85	84	84	84	83	83	83	83	82	82	82	82	82	81					
17	88	88	87	87	87	86	86	85	85	85	84	84	84	84	83	83	83	83	83	82					
18	89	89	88	88	88	87	87	87	86	86	86	85	85	85	84	84	84	84	84	83					
19	90	90	90	89	89	89	88	88	88	87	87	87	86	86	86	85	85	85	85	84					
20	92	91	91	91	90	90	89	89	89	88	88	88	87	87	87	86	86	86	86	85					
21	93	93	92	92	91	91	91	90	90	90	89	89	89	88	88	88	87	87	87	86					
22	94	94	94	93	93	92	92	91	91	91	90	90	90	89	89	89	88	88	88	88					
23	96	95	95	94	94	94	93	93	92	92	92	91	91	91	90	90	89	89	89	89					
24	97	97	96	96	95	95	94	94	94	93	93	93	92	92	91	91	91	91	90	90					
25	99	98	98	97	97	96	95	95	95	95	94	94	93	93	93	92	92	92	92	91					

## KEY STAGE 2 READING TEST 2005

Raw score	Age in years and months																			
	10.05	10.06	10.07	10.08	10.09	10.10	10.11	11.00	11.01	11.02	11.03	11.04	11.05	11.06	11.07	11.08	11.09	11.10	11.11	
26	100	100	99	99	98	98	97	96	96	96	96	95	95	94	94	94	93	93	92	
27	102	101	101	100	100	99	98	98	97	97	97	97	96	96	95	94	94	94	94	
28	103	103	102	101	101	101	100	99	99	99	98	98	98	97	97	96	96	95	95	
29	105	104	104	103	103	102	101	101	100	100	100	100	99	99	98	98	97	97	96	
30	106	106	105	105	104	104	103	102	102	102	102	101	101	100	100	99	99	98	96	
31	108	108	107	107	106	106	105	104	104	104	103	103	102	102	101	101	100	100	98	
32	110	109	109	108	108	107	106	106	105	105	105	104	104	103	103	102	102	101	101	
33	112	111	111	110	110	109	108	108	107	107	107	106	106	105	105	104	104	103	103	
34	113	113	112	112	111	111	110	109	109	109	108	108	107	107	106	106	105	105	104	
35	116	115	114	114	113	113	112	111	111	111	110	110	109	109	108	108	107	107	106	
36	118	117	117	116	115	115	114	113	113	113	112	112	111	111	110	110	109	109	108	
37	120	119	119	118	118	117	116	116	115	115	115	114	113	113	112	112	111	111	110	
38	122	121	121	120	120	119	118	118	117	117	117	116	116	115	115	114	114	113	113	
39	124	124	123	123	122	122	121	120	120	120	119	119	118	118	117	117	116	116	115	
40	127	126	126	125	125	124	123	123	122	122	122	121	121	120	120	119	119	118	118	
41	129	129	128	128	127	127	126	125	125	125	124	124	123	123	122	122	121	121	120	
42	132	132	131	131	130	130	129	128	128	128	127	127	126	126	125	125	124	124	123	
43	135	135	134	134	133	133	132	131	131	131	130	130	129	129	128	128	127	127	126	
44	139	139	138	138	137	137	136	135	135	135	134	134	133	133	132	132	131	131	130	
45	***	***	***	***	***	***	140	139	139	139	138	138	137	137	136	136	135	135	134	
46	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	140	140	139	
47	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	
48	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	
49	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	
50	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	

## KEY STAGE 2 MENTAL MATHEMATICS TEST 2005

Raw score	Age in years and months																			
	10.05	10.06	10.07	10.08	10.09	10.10	10.11	11.00	11.01	11.02	11.03	11.04	11.05	11.06	11.07	11.08	11.09	11.10	11.11	
0	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
1	74	73	73	73	73	73	73	72	72	72	72	72	72	71	71	71	71	71	71	71
2	76	76	76	76	76	76	75	75	75	75	75	75	75	74	74	74	74	74	74	74
3	78	78	78	78	78	77	77	77	77	77	77	76	76	76	76	76	76	76	76	75
4	80	80	79	79	79	79	79	78	78	78	78	78	78	78	77	77	77	77	77	77
5	83	82	82	81	81	81	80	80	80	79	79	79	79	79	79	78	78	78	78	78
6	85	84	84	84	83	83	83	82	82	81	81	81	80	80	80	79	79	79	79	79
7	87	86	86	86	85	85	85	84	84	83	83	83	82	82	82	81	81	81	81	80
8	89	89	88	88	87	87	86	86	86	85	85	85	84	84	84	83	83	83	82	82
9	91	91	90	90	89	89	88	88	88	87	87	87	86	86	85	85	85	84	84	84
10	94	93	93	92	92	91	90	90	90	89	89	89	88	88	87	86	86	86	86	86
11	96	95	95	94	94	93	93	92	92	92	91	91	90	90	89	89	88	88	88	88
12	98	98	97	97	96	95	95	94	94	94	93	93	93	92	92	91	91	91	90	90
13	101	100	100	99	99	98	97	97	97	96	96	95	95	94	94	94	93	93	92	92
14	103	103	102	102	101	101	100	100	99	99	99	98	98	97	97	96	96	95	95	95
15	106	105	105	104	104	103	103	102	102	102	101	101	100	100	100	99	99	98	98	98
16	109	108	108	107	107	106	106	105	105	105	104	104	104	103	103	102	102	101	101	101
17	112	111	111	111	110	110	109	109	109	108	108	108	107	107	106	106	105	105	105	105
18	116	115	115	115	114	114	113	113	113	113	112	112	112	111	111	110	110	110	109	109
19	121	120	120	120	120	119	119	118	118	118	118	118	117	117	117	116	116	116	116	116
20	132	132	132	132	131	131	131	131	131	131	131	131	130	130	130	130	130	130	130	130



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## KEY STAGE 2 WRITTEN MATHEMATICS TEST 2005

Raw score	Age in years and months																							
	10.05	10.06	10.07	10.08	10.09	10.10	10.11	11.00	11.01	11.02	11.03	11.04	11.05	11.06	11.07	11.08	11.09	11.10	11.11					
0	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***				
1	72	71	71	71	71	71	71	71	71	71	71	70	70	70	70	70	70	70	70	70				
2	73	73	73	73	73	73	73	73	73	73	72	72	72	72	72	72	72	72	72	72				
3	75	74	74	74	74	74	74	74	74	74	74	73	73	73	73	73	73	73	73	73				
4	75	75	75	75	75	75	75	75	75	74	74	74	74	74	74	74	74	74	74	73				
5	76	76	76	76	76	75	75	75	75	75	75	75	75	75	75	74	74	74	74	74				
6	76	76	76	76	76	76	76	76	76	76	75	75	75	75	75	75	75	75	75	75				
7	77	77	77	77	76	76	76	76	76	76	76	76	76	76	75	75	75	75	75	75				
8	77	77	77	77	77	77	77	76	76	76	76	76	76	76	76	76	76	76	76	75				
9	78	78	77	77	77	77	77	77	77	77	77	77	76	76	76	76	76	76	76	76				
10	78	78	78	78	78	77	77	77	77	77	77	77	77	77	77	76	76	76	76	76				
11	78	78	78	78	78	78	78	78	77	77	77	77	77	77	77	77	77	77	76	76				
12	78	78	78	78	78	78	78	78	78	78	77	77	77	77	77	77	77	77	77	77				
13	79	79	79	78	78	78	78	78	78	78	78	78	78	78	77	77	77	77	77	77				
14	79	79	79	79	79	78	78	78	78	78	78	78	78	78	78	77	77	77	77	77				
15	79	79	79	79	79	79	78	78	78	78	78	78	78	78	78	78	78	78	77	77				
16	79	79	79	79	79	79	79	79	79	78	78	78	78	78	78	78	78	78	78	78				
17	80	80	79	79	79	79	79	79	79	79	79	78	78	78	78	78	78	78	78	78				
18	81	81	80	80	79	79	79	79	79	79	79	79	79	78	78	78	78	78	78	78				
19	82	81	81	80	80	80	79	79	79	79	79	79	79	79	79	78	78	78	78	78				
20	82	82	82	81	81	80	80	80	79	79	79	79	79	79	79	79	79	79	78	78				
21	83	83	82	82	81	81	80	80	80	79	79	79	79	79	79	79	79	79	79	78				
22	84	83	83	83	82	82	81	81	80	80	80	79	79	79	79	79	79	79	79	79				
23	84	84	84	83	83	82	82	82	81	81	80	80	79	79	79	79	79	79	79	79				
24	85	85	84	84	83	83	82	82	82	81	81	80	80	80	80	79	79	79	79	79				


## KEY STAGE 2 WRITTEN MATHEMATICS TEST 2005

Raw score	Age in years and months																			
	10.05	10.06	10.07	10.08	10.09	10.10	10.11	11.00	11.01	11.02	11.03	11.04	11.05	11.06	11.07	11.08	11.09	11.10	11.11	
25	86	85	85	84	84	84	83	83	82	82	82	81	81	80	80	79	79	79	79	
26	87	86	86	85	85	84	83	83	83	83	82	82	81	81	81	80	80	79	79	
27	87	87	86	86	85	84	84	84	83	83	83	82	82	82	81	81	80	80	79	
28	88	87	87	86	86	85	85	84	84	84	83	83	83	82	82	81	81	80	80	
29	89	88	88	87	87	86	85	85	84	84	84	83	83	83	82	82	81	81	81	
30	89	89	88	88	87	86	86	85	84	84	84	83	83	83	83	82	82	82	81	
31	90	90	89	88	87	87	86	86	85	85	85	84	84	84	83	83	83	82	82	
32	91	90	90	89	88	88	87	87	86	86	86	85	85	84	84	84	83	83	82	
33	92	91	90	90	89	88	88	87	87	86	86	86	85	85	85	84	84	83	83	
34	92	92	91	91	90	89	88	88	87	87	87	86	86	86	85	85	84	84	83	
35	93	92	92	91	91	90	89	89	88	88	88	87	87	86	86	85	85	84	84	
36	94	93	93	92	91	90	90	89	89	88	88	88	87	87	86	86	85	85	84	
37	94	94	93	93	92	91	91	90	89	89	89	88	88	87	87	86	86	86	85	
38	95	95	94	93	93	92	91	91	90	90	90	89	89	88	88	87	87	86	86	
39	96	95	95	94	94	92	92	91	91	91	90	90	89	89	88	88	87	87	86	
40	96	96	95	95	94	93	93	92	92	92	91	90	90	89	89	88	88	87	87	
41	97	97	96	96	95	94	93	93	92	92	92	91	91	90	90	89	88	88	87	
42	98	97	97	96	96	95	94	93	93	92	92	92	91	91	90	90	89	89	88	
43	99	98	97	97	96	95	94	94	94	94	93	93	92	91	91	90	90	89	89	
44	99	99	98	98	97	96	95	95	94	94	94	93	93	92	92	91	91	90	89	
45	100	99	99	98	98	97	96	96	95	94	94	94	93	93	92	92	91	91	90	
46	101	100	100	99	99	97	97	96	96	95	95	95	94	94	93	92	92	91	91	
47	101	101	100	100	99	99	98	97	96	96	96	95	95	94	94	93	93	92	92	
48	102	102	101	101	100	99	98	98	97	97	97	96	96	95	94	94	93	93	92	
49	103	102	102	101	101	100	99	99	98	98	97	97	96	96	95	95	94	94	93	
50	104	103	103	102	101	100	100	99	99	99	98	98	97	96	96	95	95	94	94	
51	104	104	103	103	102	101	101	100	100	99	99	98	98	97	97	96	96	95	95	
52	105	105	104	104	103	102	101	101	100	100	100	99	99	98	97	97	96	96	95	

## KEY STAGE 2 WRITTEN MATHEMATICS TEST 2005

Raw score	Age in years and months																			
	10.05	10.06	10.07	10.08	10.09	10.10	10.11	11.00	11.01	11.02	11.03	11.04	11.05	11.06	11.07	11.08	11.09	11.10	11.11	
53	106	105	105	104	104	103	103	102	102	101	100	100	99	99	98	98	97	97	96	
54	107	106	106	105	105	104	103	103	102	102	101	101	100	100	99	98	98	97	97	
55	107	107	106	106	105	105	104	104	103	103	102	102	101	100	100	99	99	98	98	
56	108	108	107	107	106	106	105	104	104	103	103	102	102	101	101	100	100	99	98	
57	109	108	108	107	107	106	106	105	105	104	104	103	103	102	102	101	100	100	99	
58	110	109	109	108	108	107	107	106	106	105	105	104	104	103	102	102	101	101	100	
59	110	110	109	109	108	108	107	107	106	106	105	105	104	104	103	103	102	102	101	
60	111	111	110	110	109	109	108	108	107	107	106	106	105	105	104	104	103	103	102	
61	112	112	111	111	110	110	109	109	108	108	107	107	106	106	105	105	104	104	103	
62	113	113	112	112	111	111	110	110	109	109	108	108	107	107	106	106	105	104	104	
63	114	113	113	112	112	111	111	110	110	109	109	108	108	107	107	106	106	105	105	
64	115	114	114	113	113	112	112	111	111	110	110	109	109	108	108	107	107	106	106	
65	116	115	115	114	114	113	113	112	112	111	111	110	110	109	109	108	108	107	107	
66	117	116	116	115	115	114	114	113	113	113	112	112	111	111	110	110	109	109	108	
67	118	117	117	116	116	115	115	114	114	114	113	113	112	112	111	111	110	110	109	
68	119	118	118	118	117	116	116	116	115	115	114	114	113	113	112	112	111	111	110	
69	120	120	119	119	118	117	117	116	116	116	116	115	115	114	114	113	113	112	112	
70	121	121	120	120	120	119	119	118	118	117	117	116	116	116	115	115	114	114	113	
71	123	122	122	121	121	120	120	119	119	119	118	118	117	117	116	116	116	115	115	
72	124	124	123	123	122	122	122	121	121	120	120	119	119	118	118	118	117	117	116	
73	126	125	125	124	124	123	123	123	122	122	121	121	121	120	120	119	119	118	118	
74	128	127	127	126	126	125	125	125	124	124	123	123	122	122	122	121	121	120	120	
75	130	129	129	129	128	127	127	127	126	126	125	125	125	124	124	123	123	122	122	
76	132	132	132	131	131	130	129	129	129	129	128	128	127	127	126	126	126	125	125	
77	136	135	135	135	134	133	133	133	132	132	131	131	131	130	130	129	129	128	128	
78	140	140	140	139	139	138	137	137	137	137	136	136	135	135	134	134	134	133	133	
79	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	140	
80	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	

**Fold out this flap to read the full table of age standardised scores  
for mathematics test A and test B**

 <b>Curriculum and Standards</b>	
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