NFER
Classroom

maths and reading

years 1 & 2

relationship to KS1 National Curriculum tests

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Contents

Introduction

We have recently added assessments for pupils in Year 1 and Year 2 to our suite of tests which continues through to Year 5. The main aim of the test suite as a whole is to monitor the *progress* of pupils as they move through the school years and to provide an indication of *attainment* in between the National Curriculum tests.

Attainment on the National Curriculum tests is set on a different scale to NFER Tests. The scaled score of 100 has been set on the National Curriculum tests as the 'expected standard'. It is not the average score. Indeed, the intention is that all pupils, where possible, reach or exceed 100. The NFER Tests on the other hand are standardised assessments in which 100 represents the average performance, based on a normal distribution, of the large, nationally representative sample of pupils on which the assessments were standardised. Because the basis on which scaled scores and standardised scores are calculated differs, it is difficult to compare performance.

We have carried out some research to determine the relationship between the NFER Year 1 and Year 2 assessments and the National Curriculum tests at the end of KS1. This was achieved by using, for the most part, the same pupils for the Year 2 autumn standardisation in 2017 as for the Year 1 standardisation in the summer of 2017 and additionally collecting their National Curriculum test scores in the summer of 2018.

The tables given on the following pages are the result of the longitudinal study. For each assessment year and each subject there is a table which indicates the likelihood of a pupil achieving a score of 100 or above on the KS1 National Curriculum test given their NFER Tests raw score. The likelihoods assume continued classroom teaching and should be combined with other classroom evidence to inform assessment judgments. For example, a teacher might use the likelihood tables to identify pupils who are less likely to reach the expected standard at the end of KS1. They would then consider, perhaps by using the NFER Tests Analysis Tool, what skills or areas of knowledge that subset of pupils is finding difficult and address this in their teaching going forwards.

The forecast of end of KS1 performance cannot currently be calculated in the NFER Tests Analysis Tool, unlike the standardised and age standardised scores.

Further information about the research and analyses carried out in order to produce the likelihood tables is available from the website below. This includes details of the confidence bands that can be applied to the data.

www.nfer.ac.uk/nfer-tests/manuals

Interpreting the likelihood tables

The assessments should be administered and marked in line with the guidance provided in the teacher guides. This will enable the raw scores to be used to forecast performance on the National Curriculum KS1 tests with greater reliability. Both the reading assessments and mathematics assessments consist of two booklets. Each pupil's raw score on any one assessment should be derived by totalling their marks from the two booklets. The marks on the first reading booklet only can be used for lower attaining pupils who did not attempt the second reading booklet because the difficulty of this booklet was beyond their capabilities. For mathematics, all pupils are expected to attempt both booklets and a combined score is required.

A likelihood table is provided in each subject for use with pupils who have completed both the summer Year 1 assessment and the autumn Year 2 assessment. Further tables are provided for use with pupils who have completed only one of the assessments. Where possible you should use the table based on **both** the summer Year 1 and the autumn Year 2 assessments rather than the tables relying on only one assessment year. This is because the likelihoods of achieving a score of 100 or more have been calculated using more data and the forecasts can be considered more reliable. For scores marked *** it can be assumed that the likelihood of achieving the expected standard is greater than 99%.

Using data from the Year 1 summer AND Year 2 autumn assessments

To use the tables based on **both the summer Year 1 and the autumn Year 2 assessments** you should locate the summer Year 1 raw score down the side of the table and the autumn Year 2 raw score across the top of the table and read off the likelihood from where the row and column meet. For example, a pupil, Alice, achieved a raw score of 26 on NFER's summer Year 1 mathematics assessment and a raw score of 24 on the autumn Year 2 mathematics assessment. From the table on page 7, we can see that the likelihood of Alice achieving a scaled score of at least 100 on the KS1 mathematics test is 86%.

Using data from EITHER the Year 1 summer OR Year 2 autumn assessments

The likelihood of achieving a score of 100 or more on the KS1 National Curriculum test using a likelihood table based on **one NFER assessment** can simply be read off next to the pupil's raw score. For example, Andrew scored 7 marks on the autumn Year 2 reading assessment. The likelihood of Andrew scoring 100 or more on the KS1 reading National Curriculum test is 36%. Andrew's teacher may want to look back over his work to identify the areas of the curriculum in which Andrew needs more input.

The outcomes from the likelihood tables should be combined with other classroom evidence, collected over time, to inform assessment judgments.

Mathematics

Forecast from the NFER Year 1 Summer and Year 2 Autumn Mathematics Assessments to the KS1 National Curriculum Mathematics Test 2018

Raw score on summer Year 1	Raw score on autumn Year 2													Raw score on summer Year 1
	0	1	2	3	4	5	6	7	8	9	10	11	12	
0	4%	5%	6%	6%	7%	8%	9%	10%	11%	13%	14%	16%	18%	0
1	5%	5%	6%	7%	8%	8%	10%	11%	12%	14%	15%	17%	19%	1
2	5%	6%	6%	7%	8%	9%	10%	11%	13%	14%	16%	18%	20%	2
3	5%	6%	7%	8%	9%	10%	11%	12%	14%	15%	17%	19%	21%	3
4	6%	6%	7%	8%	9%	10%	11%	13%	14%	16%	18%	20%	22%	4
5	6%	7%	8%	9%	10%	11%	12%	14%	15%	17%	19%	21%	23%	5
6	6%	7%	8%	9%	10%	12%	13%	15%	16%	18%	20%	22%	25%	6
7	7%	8%	9%	10%	11%	12%	14%	15%	17%	19%	21%	23%	26%	7
8	7%	8%	9%	10%	12%	13%	15%	16%	18%	20%	22%	25%	27%	8
9	8%	9%	10%	11%	12%	14%	15%	17%	19%	21%	24%	26%	29%	9
10	8%	9%	10%	12%	13%	15%	16%	18%	20%	22%	25%	27%	30%	10
11	9%	10%	11%	12%	14%	16%	17%	19%	21%	24%	26%	29%	32%	11
12	9%	10%	12%	13%	15%	16%	18%	20%	23%	25%	28%	30%	33%	12
13	10%	11%	12%	14%	16%	17%	19%	22%	24%	26%	29%	32%	35%	13
14	11%	12%	13%	15%	17%	18%	20%	23%	25%	28%	30%	33%	36%	14
15	11%	13%	14%	16%	18%	19%	22%	24%	26%	29%	32%	35%	38%	15
16	12%	13%	15%	17%	19%	21%	23%	25%	28%	30%	33%	36%	39%	16
17	13%	14%	16%	18%	20%	22%	24%	27%	29%	32%	35%	38%	41%	17
18	13%	15%	17%	19%	21%	23%	25%	28%	31%	33%	36%	40%	43%	18
19	14%	16%	18%	20%	22%	24%	27%	29%	32%	35%	38%	41%	44%	19
20	15%	17%	19%	21%	23%	25%	28%	31%	34%	37%	40%	43%	46%	20
21	16%	18%	20%	22%	24%	27%	29%	32%	35%	38%	41%	45%	48%	21
22	17%	19%	21%	23%	26%	28%	31%	34%	37%	40%	43%	46%	50%	22
23	18%	20%	22%	24%	27%	30%	32%	35%	38%	41%	45%	48%	51%	23
24	19%	21%	23%	26%	28%	31%	34%	37%	40%	43%	46%	50%	53%	24
25	20%	22%	24%	27%	30%	32%	35%	38%	42%	45%	48%	51%	55%	25
26	21%	23%	26%	28%	31%	34%	37%	40%	43%	47%	50%	53%	56%	26
27	22%	25%	27%	30%	33%	36%	39%	42%	45%	48%	52%	55%	58%	27
28	23%	26%	29%	31%	34%	37%	40%	43%	47%	50%	53%	57%	60%	28
29	25%	27%	30%	33%	36%	39%	42%	45%	48%	52%	55%	58%	61%	29
30	26%	29%	31%	34%	37%	40%	44%	47%	50%	53%	57%	60%	63%	30
31	27%	30%	33%	36%	39%	42%	45%	49%	52%	55%	58%	61%	65%	31
32	29%	32%	34%	37%	41%	44%	47%	50%	54%	57%	60%	63%	66%	32
33	30%	33%	36%	39%	42%	45%	49%	52%	55%	58%	62%	65%	68%	33
34	32%	35%	38%	41%	44%	47%	50%	54%	57%	60%	63%	66%	69%	34
35	33%	36%	39%	42%	46%	49%	52%	55%	59%	62%	65%	68%	71%	35
36	35%	38%	41%	44%	47%	51%	54%	57%	60%	63%	66%	69%	72%	36
37	36%	39%	43%	46%	49%	52%	56%	59%	62%	65%	68%	71%	73%	37
38	38%	41%	44%	47%	51%	54%	57%	60%	64%	67%	69%	72%	75%	38
39	39%	43%	46%	49%	52%	56%	59%	62%	65%	68%	71%	73%	76%	39
40	41%	44%	48%	51%	54%	57%	61%	64%	67%	70%	72%	75%	77%	40

Raw score on summer Year 1	Raw score on autumn Year 2													Raw score on summer Year 1
	13	14	15	16	17	18	19	20	21	22	23	24	25	
0	20%	22%	24%	27%	29%	32%	35%	38%	41%	45%	48%	51%	54%	0
1	21%	23%	26%	28%	31%	34%	37%	40%	43%	46%	50%	53%	56%	1
2	22%	24%	27%	30%	32%	35%	38%	41%	45%	48%	51%	55%	58%	2
3	23%	26%	28%	31%	34%	37%	40%	43%	46%	50%	53%	56%	59%	3
4	25%	27%	30%	32%	35%	38%	42%	45%	48%	51%	55%	58%	61%	4
5	26%	28%	31%	34%	37%	40%	43%	47%	50%	53%	56%	60%	63%	5
6	27%	30%	33%	36%	39%	42%	45%	48%	52%	55%	58%	61%	64%	6
7	29%	31%	34%	37%	40%	43%	47%	50%	53%	57%	60%	63%	66%	7
8	30%	33%	36%	39%	42%	45%	48%	52%	55%	58%	61%	64%	67%	8
9	31%	34%	37%	40%	44%	47%	50%	53%	57%	60%	63%	66%	69%	9
10	33%	36%	39%	42%	45%	49%	52%	55%	58%	62%	65%	68%	70%	10
11	34%	37%	41%	44%	47%	50%	54%	57%	60%	63%	66%	69%	72%	11
12	36%	39%	42%	45%	49%	52%	55%	59%	62%	65%	68%	70%	73%	12
13	38%	41%	44%	47%	50%	54%	57%	60%	63%	66%	69%	72%	74%	13
14	39%	42%	46%	49%	52%	55%	59%	62%	65%	68%	71%	73%	76%	14
15	41%	44%	47%	51%	54%	57%	60%	63%	66%	69%	72%	75%	77%	15
16	43%	46%	49%	52%	56%	59%	62%	65%	68%	71%	73%	76%	78%	16
17	44%	47%	51%	54%	57%	60%	64%	67%	69%	72%	75%	77%	79%	17
18	46%	49%	52%	56%	59%	62%	65%	68%	71%	73%	76%	78%	80%	18
19	48%	51%	54%	57%	61%	64%	67%	70%	72%	75%	77%	79%	81%	19
20	49%	53%	56%	59%	62%	65%	68%	71%	74%	76%	78%	81%	83%	20
21	51%	54%	58%	61%	64%	67%	70%	72%	75%	77%	80%	82%	83%	21
22	53%	56%	59%	62%	65%	68%	71%	74%	76%	78%	81%	83%	84%	22
23	54%	58%	61%	64%	67%	70%	72%	75%	77%	80%	82%	84%	85%	23
24	56%	59%	63%	66%	68%	71%	74%	76%	79%	81%	83%	84%	86%	24
25	58%	61%	64%	67%	70%	73%	75%	78%	80%	82%	84%	85%	87%	25
26	60%	63%	66%	69%	71%	74%	76%	79%	81%	83%	85%	86%	88%	26
27	61%	64%	67%	70%	73%	75%	78%	80%	82%	84%	85%	87%	88%	27
28	63%	66%	69%	71%	74%	77%	79%	81%	83%	85%	86%	88%	89%	28
29	64%	67%	70%	73%	75%	78%	80%	82%	84%	86%	87%	88%	90%	29
30	66%	69%	72%	74%	77%	79%	81%	83%	85%	86%	88%	89%	90%	30
31	67%	70%	73%	75%	78%	80%	82%	84%	86%	87%	89%	90%	91%	31
32	69%	72%	74%	77%	79%	81%	83%	85%	86%	88%	89%	90%	92%	32
33	70%	73%	76%	78%	80%	82%	84%	86%	87%	89%	90%	91%	92%	33
34	72%	74%	77%	79%	81%	83%	85%	87%	88%	89%	90%	92%	93%	34
35	73%	76%	78%	80%	82%	84%	86%	87%	89%	90%	91%	92%	93%	35
36	75%	77%	79%	81%	83%	85%	87%	88%	89%	91%	92%	93%	93%	36
37	76%	78%	80%	82%	84%	86%	87%	89%	90%	91%	92%	93%	94%	37
38	77%	79%	81%	83%	85%	87%	88%	89%	91%	92%	93%	93%	94%	38
39	78%	80%	82%	84%	86%	87%	89%	90%	91%	92%	93%	94%	95%	39
40	79%	81%	83%	85%	87%	88%	89%	91%	92%	93%	94%	94%	95%	40

Mathematics

(Continued)

Raw score on summer Year 1	Raw score on autumn Year 2													Raw score on summer Year 1
	26	27	28	29	30	31	32	33	34	35	36	37	38	
0	58%	61%	64%	67%	70%	72%	75%	77%	80%	82%	83%	85%	87%	0
1	59%	62%	65%	68%	71%	74%	76%	79%	81%	83%	84%	86%	88%	1
2	61%	64%	67%	70%	73%	75%	77%	80%	82%	84%	85%	87%	88%	2
3	63%	66%	68%	71%	74%	76%	79%	81%	83%	85%	86%	88%	89%	3
4	64%	67%	70%	73%	75%	78%	80%	82%	84%	85%	87%	88%	90%	4
5	66%	69%	71%	74%	76%	79%	81%	83%	85%	86%	88%	89%	90%	5
6	67%	70%	73%	75%	78%	80%	82%	84%	85%	87%	88%	90%	91%	6
7	69%	71%	74%	77%	79%	81%	83%	85%	86%	88%	89%	90%	91%	7
8	70%	73%	75%	78%	80%	82%	84%	86%	87%	89%	90%	91%	92%	8
9	72%	74%	77%	79%	81%	83%	85%	86%	88%	89%	90%	91%	92%	9
10	73%	76%	78%	80%	82%	84%	86%	87%	89%	90%	91%	92%	93%	10
11	74%	77%	79%	81%	83%	85%	86%	88%	89%	90%	92%	92%	93%	11
12	76%	78%	80%	82%	84%	86%	87%	89%	90%	91%	92%	93%	94%	12
13	77%	79%	81%	83%	85%	87%	88%	89%	91%	92%	93%	93%	94%	13
14	78%	80%	82%	84%	86%	87%	89%	90%	91%	92%	93%	94%	95%	14
15	79%	81%	83%	85%	87%	88%	89%	91%	92%	93%	93%	94%	95%	15
16	80%	82%	84%	86%	87%	89%	90%	91%	92%	93%	94%	95%	95%	16
17	81%	83%	85%	87%	88%	89%	91%	92%	93%	93%	94%	95%	96%	17
18	82%	84%	86%	87%	89%	90%	91%	92%	93%	94%	95%	95%	96%	18
19	83%	85%	87%	88%	89%	91%	92%	93%	94%	94%	95%	96%	96%	19
20	84%	86%	88%	89%	90%	91%	92%	93%	94%	95%	95%	96%	96%	20
21	85%	87%	88%	90%	91%	92%	93%	94%	94%	95%	96%	96%	97%	21
22	86%	88%	89%	90%	91%	92%	93%	94%	95%	95%	96%	96%	97%	22
23	87%	88%	90%	91%	92%	93%	94%	94%	95%	96%	96%	97%	97%	23
24	88%	89%	90%	91%	92%	93%	94%	95%	95%	96%	96%	97%	97%	24
25	88%	90%	91%	92%	93%	94%	94%	95%	96%	96%	97%	97%	97%	25
26	89%	90%	91%	92%	93%	94%	95%	95%	96%	96%	97%	97%	98%	26
27	90%	91%	92%	93%	94%	94%	95%	96%	96%	97%	97%	97%	98%	27
28	90%	91%	92%	93%	94%	95%	95%	96%	96%	97%	97%	98%	98%	28
29	91%	92%	93%	94%	94%	95%	96%	96%	97%	97%	97%	98%	98%	29
30	91%	92%	93%	94%	95%	95%	96%	96%	97%	97%	98%	98%	98%	30
31	92%	93%	94%	94%	95%	96%	96%	97%	97%	97%	98%	98%	98%	31
32	92%	93%	94%	95%	95%	96%	96%	97%	97%	98%	98%	98%	98%	32
33	93%	94%	95%	95%	96%	96%	97%	97%	97%	98%	98%	98%	98%	33
34	93%	94%	95%	95%	96%	96%	97%	97%	98%	98%	98%	98%	99%	34
35	94%	95%	95%	96%	96%	97%	97%	97%	98%	98%	98%	99%	99%	35
36	94%	95%	95%	96%	97%	97%	97%	98%	98%	98%	98%	99%	99%	36
37	95%	95%	96%	96%	97%	97%	97%	98%	98%	98%	99%	99%	99%	37
38	95%	96%	96%	97%	97%	97%	98%	98%	98%	98%	99%	99%	99%	38
39	95%	96%	96%	97%	97%	97%	98%	98%	98%	99%	99%	99%	99%	39
40	96%	96%	97%	97%	97%	98%	98%	98%	98%	99%	99%	99%	99%	40

Raw score on summer Year 1	Raw score on autumn Year 2												Raw score on summer Year 1
	39	40	41	42	43	44	45	46	47	48	49	50	
0	88%	90%	91%	92%	93%	94%	94%	95%	96%	96%	97%	97%	0
1	89%	90%	91%	92%	93%	94%	95%	95%	96%	96%	97%	97%	1
2	90%	91%	92%	93%	94%	94%	95%	96%	96%	97%	97%	97%	2
3	90%	91%	92%	93%	94%	95%	95%	96%	96%	97%	97%	98%	3
4	91%	92%	93%	94%	94%	95%	96%	96%	97%	97%	97%	98%	4
5	91%	92%	93%	94%	95%	95%	96%	96%	97%	97%	98%	98%	5
6	92%	93%	94%	94%	95%	96%	96%	97%	97%	97%	98%	98%	6
7	92%	93%	94%	95%	95%	96%	96%	97%	97%	98%	98%	98%	7
8	93%	94%	94%	95%	96%	96%	97%	97%	97%	98%	98%	98%	8
9	93%	94%	95%	95%	96%	96%	97%	97%	98%	98%	98%	98%	9
10	94%	94%	95%	96%	96%	97%	97%	97%	98%	98%	98%	98%	10
11	94%	95%	95%	96%	96%	97%	97%	98%	98%	98%	98%	99%	11
12	95%	95%	96%	96%	97%	97%	97%	98%	98%	98%	98%	99%	12
13	95%	95%	96%	96%	97%	97%	98%	98%	98%	98%	99%	99%	13
14	95%	96%	96%	97%	97%	97%	98%	98%	98%	99%	99%	99%	14
15	95%	96%	97%	97%	97%	98%	98%	98%	98%	99%	99%	99%	15
16	96%	96%	97%	97%	97%	98%	98%	98%	99%	99%	99%	99%	16
17	96%	97%	97%	97%	98%	98%	98%	98%	99%	99%	99%	99%	17
18	96%	97%	97%	97%	98%	98%	98%	99%	99%	99%	99%	99%	18
19	97%	97%	97%	98%	98%	98%	98%	99%	99%	99%	99%	99%	19
20	97%	97%	98%	98%	98%	98%	99%	99%	99%	99%	99%	99%	20
21	97%	97%	98%	98%	98%	98%	99%	99%	99%	99%	99%	99%	21
22	97%	98%	98%	98%	98%	99%	99%	99%	99%	99%	99%	99%	22
23	97%	98%	98%	98%	98%	99%	99%	99%	99%	99%	99%	99%	23
24	98%	98%	98%	98%	99%	99%	99%	99%	99%	99%	99%	99%	24
25	98%	98%	98%	98%	99%	99%	99%	99%	99%	99%	99%	99%	25
26	98%	98%	98%	99%	99%	99%	99%	99%	99%	99%	99%	***	26
27	98%	98%	98%	99%	99%	99%	99%	99%	99%	99%	99%	***	27
28	98%	98%	99%	99%	99%	99%	99%	99%	99%	99%	***	***	28
29	98%	98%	99%	99%	99%	99%	99%	99%	99%	99%	***	***	29
30	98%	99%	99%	99%	99%	99%	99%	99%	99%	***	***	***	30
31	98%	99%	99%	99%	99%	99%	99%	99%	99%	***	***	***	31
32	99%	99%	99%	99%	99%	99%	99%	99%	***	***	***	***	32
33	99%	99%	99%	99%	99%	99%	99%	***	***	***	***	***	33
34	99%	99%	99%	99%	99%	99%	99%	***	***	***	***	***	34
35	99%	99%	99%	99%	99%	99%	***	***	***	***	***	***	35
36	99%	99%	99%	99%	99%	99%	***	***	***	***	***	***	36
37	99%	99%	99%	99%	99%	***	***	***	***	***	***	***	37
38	99%	99%	99%	99%	99%	***	***	***	***	***	***	***	38
39	99%	99%	99%	99%	***	***	***	***	***	***	***	***	39
40	99%	99%	99%	99%	***	***	***	***	***	***	***	***	40

Forecast from the NFER Year 1 Summer Mathematics Assessment to the KS1 National Curriculum Mathematics Test 2018

Raw score on summer Year 1	Likelihood of getting 100 or more on KS1 test
0	12%
1	14%
2	16%
3	18%
4	21%
5	24%
6	27%
7	30%
8	33%
9	37%
10	41%
11	44%
12	48%
13	52%
14	56%
15	60%
16	64%
17	67%
18	71%
19	74%
20	77%
21	80%
22	82%
23	84%
24	86%
25	88%
26	90%
27	91%
28	92%
29	93%
30	94%
31	95%
32	96%
33	96%
34	97%
35	97%
36	98%
37	98%
38	98%
39	99%
40	99%

Forecast from the NFER Year 2 Autumn Mathematics Assessment to the KS1 National Curriculum Mathematics Test 2018

Raw score on autumn Year 2	Likelihood of getting 100 or more on KS1 test
0	8%
1	10%
2	11%
3	13%
4	15%
5	18%
6	20%
7	23%
8	26%
9	29%
10	33%
11	37%
12	41%
13	45%
14	49%
15	53%
16	57%
17	61%
18	65%
19	69%
20	72%
21	76%
22	79%
23	81%
24	84%
25	86%
26	88%
27	89%
28	91%
29	92%
30	93%
31	94%
32	95%
33	96%
34	97%
35	97%
36	97%
37	98%
38	98%
39	98%
40	99%

Raw score on autumn Year 2	Likelihood of getting 100 or more on KS1 test
41	99%
42	99%
43	99%
44	99%
45	99%
46	***
47	***
48	***
49	***
50	***

Reading

Forecast from the NFER Year 1 Summer and Year 2 Autumn Reading Assessments to the KS1 National Curriculum Reading Test 2018

Raw score on summer Year 1	Raw score on autumn Year 2									Raw score on summer Year 1
	0	1	2	3	4	5	6	7	8	
0	4%	5%	5%	6%	7%	8%	9%	10%	12%	0
1	4%	5%	6%	6%	7%	8%	10%	11%	12%	1
2	5%	5%	6%	7%	8%	9%	10%	12%	13%	2
3	5%	6%	6%	7%	8%	9%	11%	12%	14%	3
4	5%	6%	7%	8%	9%	10%	11%	13%	15%	4
5	5%	6%	7%	8%	9%	11%	12%	14%	16%	5
6	6%	7%	8%	9%	10%	11%	13%	15%	17%	6
7	6%	7%	8%	9%	11%	12%	14%	16%	18%	7
8	7%	8%	9%	10%	11%	13%	15%	16%	19%	8
9	7%	8%	9%	11%	12%	14%	15%	17%	20%	9
10	8%	9%	10%	11%	13%	14%	16%	18%	21%	10
11	8%	9%	10%	12%	14%	15%	17%	20%	22%	11
12	9%	10%	11%	13%	14%	16%	18%	21%	23%	12
13	9%	10%	12%	13%	15%	17%	19%	22%	24%	13
14	10%	11%	13%	14%	16%	18%	21%	23%	26%	14
15	10%	12%	13%	15%	17%	19%	22%	24%	27%	15
16	11%	13%	14%	16%	18%	20%	23%	26%	28%	16
17	12%	13%	15%	17%	19%	22%	24%	27%	30%	17
18	12%	14%	16%	18%	20%	23%	25%	28%	31%	18
19	13%	15%	17%	19%	21%	24%	27%	30%	33%	19
20	14%	16%	18%	20%	23%	25%	28%	31%	34%	20
21	15%	17%	19%	21%	24%	27%	30%	33%	36%	21
22	16%	18%	20%	23%	25%	28%	31%	34%	38%	22
23	17%	19%	21%	24%	26%	29%	33%	36%	39%	23
24	18%	20%	22%	25%	28%	31%	34%	37%	41%	24
25	19%	21%	24%	26%	29%	32%	36%	39%	43%	25
26	20%	22%	25%	28%	31%	34%	37%	41%	44%	26
27	21%	23%	26%	29%	32%	35%	39%	42%	46%	27
28	22%	25%	28%	31%	34%	37%	41%	44%	48%	28
29	23%	26%	29%	32%	35%	39%	42%	46%	49%	29
30	25%	27%	30%	34%	37%	40%	44%	48%	51%	30
31	26%	29%	32%	35%	39%	42%	46%	49%	53%	31
32	27%	30%	33%	37%	40%	44%	47%	51%	55%	32
33	29%	32%	35%	38%	42%	45%	49%	53%	56%	33
34	30%	33%	37%	40%	44%	47%	51%	55%	58%	34
35	32%	35%	38%	42%	45%	49%	53%	56%	60%	35
36	33%	36%	40%	43%	47%	51%	54%	58%	61%	36
37	35%	38%	42%	45%	49%	52%	56%	60%	63%	37
38	36%	40%	43%	47%	50%	54%	58%	61%	65%	38
39	38%	41%	45%	49%	52%	56%	59%	63%	66%	39
40	40%	43%	47%	50%	54%	58%	61%	65%	68%	40
41	41%	45%	48%	52%	56%	59%	63%	66%	69%	41
42	43%	46%	50%	54%	57%	61%	64%	68%	71%	42
43	45%	48%	52%	56%	59%	63%	66%	69%	72%	43
44	46%	50%	54%	57%	61%	64%	67%	71%	74%	44
45	48%	52%	55%	59%	62%	66%	69%	72%	75%	45
46	50%	53%	57%	61%	64%	67%	70%	73%	76%	46
47	52%	55%	59%	62%	66%	69%	72%	75%	77%	47
48	53%	57%	60%	64%	67%	70%	73%	76%	79%	48

Raw score on summer Year 1	Raw score on autumn Year 2									Raw score on summer Year 1
	9	10	11	12	13	14	15	16	17	
0	13%	15%	17%	19%	21%	24%	27%	30%	33%	0
1	14%	16%	18%	20%	23%	25%	28%	31%	34%	1
2	15%	17%	19%	21%	24%	27%	30%	33%	36%	2
3	16%	18%	20%	22%	25%	28%	31%	34%	38%	3
4	17%	19%	21%	24%	26%	29%	32%	36%	39%	4
5	18%	20%	22%	25%	28%	31%	34%	37%	41%	5
6	19%	21%	24%	26%	29%	32%	36%	39%	43%	6
7	20%	22%	25%	28%	31%	34%	37%	41%	44%	7
8	21%	23%	26%	29%	32%	35%	39%	42%	46%	8
9	22%	25%	27%	31%	34%	37%	40%	44%	48%	9
10	23%	26%	29%	32%	35%	39%	42%	46%	49%	10
11	25%	27%	30%	34%	37%	40%	44%	47%	51%	11
12	26%	29%	32%	35%	38%	42%	46%	49%	53%	12
13	27%	30%	33%	37%	40%	44%	47%	51%	55%	13
14	29%	32%	35%	38%	42%	45%	49%	53%	56%	14
15	30%	33%	37%	40%	44%	47%	51%	54%	58%	15
16	32%	35%	38%	42%	45%	49%	53%	56%	60%	16
17	33%	36%	40%	43%	47%	51%	54%	58%	61%	17
18	35%	38%	41%	45%	49%	52%	56%	60%	63%	18
19	36%	40%	43%	47%	50%	54%	58%	61%	65%	19
20	38%	41%	45%	48%	52%	56%	59%	63%	66%	20
21	39%	43%	47%	50%	54%	57%	61%	64%	68%	21
22	41%	45%	48%	52%	56%	59%	63%	66%	69%	22
23	43%	46%	50%	54%	57%	61%	64%	68%	71%	23
24	44%	48%	52%	55%	59%	62%	66%	69%	72%	24
25	46%	50%	54%	57%	61%	64%	67%	71%	73%	25
26	48%	52%	55%	59%	62%	66%	69%	72%	75%	26
27	50%	53%	57%	60%	64%	67%	70%	73%	76%	27
28	51%	55%	59%	62%	66%	69%	72%	75%	77%	28
29	53%	57%	60%	64%	67%	70%	73%	76%	79%	29
30	55%	58%	62%	65%	69%	72%	75%	77%	80%	30
31	57%	60%	64%	67%	70%	73%	76%	78%	81%	31
32	58%	62%	65%	68%	71%	74%	77%	80%	82%	32
33	60%	63%	67%	70%	73%	76%	78%	81%	83%	33
34	62%	65%	68%	71%	74%	77%	79%	82%	84%	34
35	63%	67%	70%	73%	76%	78%	81%	83%	85%	35
36	65%	68%	71%	74%	77%	79%	82%	84%	86%	36
37	66%	70%	73%	75%	78%	80%	83%	85%	86%	37
38	68%	71%	74%	77%	79%	81%	84%	86%	87%	38
39	69%	72%	75%	78%	80%	83%	85%	86%	88%	39
40	71%	74%	77%	79%	81%	84%	85%	87%	89%	40
41	72%	75%	78%	80%	82%	84%	86%	88%	89%	41
42	74%	76%	79%	81%	83%	85%	87%	89%	90%	42
43	75%	78%	80%	82%	84%	86%	88%	89%	91%	43
44	76%	79%	81%	83%	85%	87%	89%	90%	91%	44
45	78%	80%	82%	84%	86%	88%	89%	91%	92%	45
46	79%	81%	83%	85%	87%	88%	90%	91%	92%	46
47	80%	82%	84%	86%	88%	89%	91%	92%	93%	47
48	81%	83%	85%	87%	88%	90%	91%	92%	93%	48

Reading
(Continued)

Raw score on summer Year 1	Raw score on autumn Year 2									Raw score on summer Year 1
	18	19	20	21	22	23	24	25	26	
0	36%	40%	43%	47%	50%	54%	58%	61%	65%	0
1	38%	41%	45%	48%	52%	56%	59%	63%	66%	1
2	39%	43%	46%	50%	54%	57%	61%	64%	68%	2
3	41%	45%	48%	52%	56%	59%	63%	66%	69%	3
4	43%	46%	50%	54%	57%	61%	64%	67%	71%	4
5	44%	48%	52%	55%	59%	62%	66%	69%	72%	5
6	46%	50%	53%	57%	61%	64%	67%	70%	73%	6
7	48%	52%	55%	59%	62%	66%	69%	72%	75%	7
8	50%	53%	57%	60%	64%	67%	70%	73%	76%	8
9	51%	55%	59%	62%	65%	69%	72%	75%	77%	9
10	53%	57%	60%	64%	67%	70%	73%	76%	78%	10
11	55%	58%	62%	65%	68%	72%	74%	77%	80%	11
12	56%	60%	63%	67%	70%	73%	76%	78%	81%	12
13	58%	62%	65%	68%	71%	74%	77%	79%	82%	13
14	60%	63%	67%	70%	73%	76%	78%	81%	83%	14
15	62%	65%	68%	71%	74%	77%	79%	82%	84%	15
16	63%	66%	70%	73%	75%	78%	80%	83%	85%	16
17	65%	68%	71%	74%	77%	79%	82%	84%	86%	17
18	66%	70%	73%	75%	78%	80%	83%	85%	86%	18
19	68%	71%	74%	77%	79%	81%	84%	85%	87%	19
20	69%	72%	75%	78%	80%	82%	84%	86%	88%	20
21	71%	74%	76%	79%	81%	83%	85%	87%	89%	21
22	72%	75%	78%	80%	82%	84%	86%	88%	89%	22
23	74%	76%	79%	81%	83%	85%	87%	89%	90%	23
24	75%	78%	80%	82%	84%	86%	88%	89%	91%	24
25	76%	79%	81%	83%	85%	87%	89%	90%	91%	25
26	77%	80%	82%	84%	86%	88%	89%	91%	92%	26
27	79%	81%	83%	85%	87%	88%	90%	91%	92%	27
28	80%	82%	84%	86%	88%	89%	90%	92%	93%	28
29	81%	83%	85%	87%	88%	90%	91%	92%	93%	29
30	82%	84%	86%	88%	89%	90%	92%	93%	94%	30
31	83%	85%	87%	88%	90%	91%	92%	93%	94%	31
32	84%	86%	87%	89%	90%	92%	93%	94%	94%	32
33	85%	87%	88%	90%	91%	92%	93%	94%	95%	33
34	86%	87%	89%	90%	92%	93%	94%	94%	95%	34
35	87%	88%	90%	91%	92%	93%	94%	95%	95%	35
36	87%	89%	90%	91%	93%	93%	94%	95%	96%	36
37	88%	90%	91%	92%	93%	94%	95%	95%	96%	37
38	89%	90%	91%	92%	93%	94%	95%	96%	96%	38
39	89%	91%	92%	93%	94%	95%	95%	96%	97%	39
40	90%	91%	92%	93%	94%	95%	96%	96%	97%	40
41	91%	92%	93%	94%	95%	95%	96%	96%	97%	41
42	91%	92%	93%	94%	95%	96%	96%	97%	97%	42
43	92%	93%	94%	95%	95%	96%	96%	97%	97%	43
44	92%	93%	94%	95%	96%	96%	97%	97%	98%	44
45	93%	94%	95%	95%	96%	96%	97%	97%	98%	45
46	93%	94%	95%	96%	96%	97%	97%	97%	98%	46
47	94%	95%	95%	96%	96%	97%	97%	98%	98%	47
48	94%	95%	96%	96%	97%	97%	97%	98%	98%	48

Raw score on summer Year 1	Raw score on autumn Year 2									Raw score on summer Year 1
	27	28	29	30	31	32	33	34	35	
0	68%	71%	74%	77%	79%	81%	84%	85%	87%	0
1	69%	72%	75%	78%	80%	82%	84%	86%	88%	1
2	71%	74%	76%	79%	81%	83%	85%	87%	89%	2
3	72%	75%	78%	80%	82%	84%	86%	88%	89%	3
4	74%	76%	79%	81%	83%	85%	87%	89%	90%	4
5	75%	78%	80%	82%	84%	86%	88%	89%	91%	5
6	76%	79%	81%	83%	85%	87%	88%	90%	91%	6
7	77%	80%	82%	84%	86%	88%	89%	91%	92%	7
8	79%	81%	83%	85%	87%	88%	90%	91%	92%	8
9	80%	82%	84%	86%	88%	89%	90%	92%	93%	9
10	81%	83%	85%	87%	88%	90%	91%	92%	93%	10
11	82%	84%	86%	88%	89%	90%	92%	93%	94%	11
12	83%	85%	87%	88%	90%	91%	92%	93%	94%	12
13	84%	86%	87%	89%	90%	92%	93%	94%	94%	13
14	85%	87%	88%	90%	91%	92%	93%	94%	95%	14
15	86%	87%	89%	90%	91%	93%	94%	94%	95%	15
16	86%	88%	90%	91%	92%	93%	94%	95%	95%	16
17	87%	89%	90%	91%	93%	93%	94%	95%	96%	17
18	88%	89%	91%	92%	93%	94%	95%	95%	96%	18
19	89%	90%	91%	92%	93%	94%	95%	96%	96%	19
20	89%	91%	92%	93%	94%	95%	95%	96%	96%	20
21	90%	91%	92%	93%	94%	95%	96%	96%	97%	21
22	91%	92%	93%	94%	95%	95%	96%	96%	97%	22
23	91%	92%	93%	94%	95%	96%	96%	97%	97%	23
24	92%	93%	94%	95%	95%	96%	96%	97%	97%	24
25	92%	93%	94%	95%	96%	96%	97%	97%	98%	25
26	93%	94%	95%	95%	96%	96%	97%	97%	98%	26
27	93%	94%	95%	96%	96%	97%	97%	97%	98%	27
28	94%	94%	95%	96%	96%	97%	97%	98%	98%	28
29	94%	95%	96%	96%	97%	97%	97%	98%	98%	29
30	94%	95%	96%	96%	97%	97%	98%	98%	98%	30
31	95%	95%	96%	97%	97%	97%	98%	98%	98%	31
32	95%	96%	96%	97%	97%	98%	98%	98%	98%	32
33	95%	96%	97%	97%	97%	98%	98%	98%	99%	33
34	96%	96%	97%	97%	98%	98%	98%	98%	99%	34
35	96%	97%	97%	97%	98%	98%	98%	99%	99%	35
36	96%	97%	97%	98%	98%	98%	98%	99%	99%	36
37	97%	97%	97%	98%	98%	98%	99%	99%	99%	37
38	97%	97%	98%	98%	98%	98%	99%	99%	99%	38
39	97%	97%	98%	98%	98%	99%	99%	99%	99%	39
40	97%	98%	98%	98%	98%	99%	99%	99%	99%	40
41	97%	98%	98%	98%	99%	99%	99%	99%	99%	41
42	98%	98%	98%	98%	99%	99%	99%	99%	99%	42
43	98%	98%	98%	99%	99%	99%	99%	99%	99%	43
44	98%	98%	98%	99%	99%	99%	99%	99%	99%	44
45	98%	98%	99%	99%	99%	99%	99%	99%	99%	45
46	98%	98%	99%	99%	99%	99%	99%	99%	99%	46
47	98%	98%	99%	99%	99%	99%	99%	99%	99%	47
48	98%	99%	99%	99%	99%	99%	99%	99%	***	48

Forecast from the NFER Year 1 Summer Reading Assessment to the KS1 National Curriculum Reading Test 2018

Raw score on summer Year 1	Likelihood of getting 100 or more on KS1 test
0	7%
1	8%
2	9%
3	10%
4	11%
5	13%
6	14%
7	16%
8	18%
9	20%
10	23%
11	25%
12	28%
13	31%
14	34%
15	37%
16	40%
17	44%
18	47%
19	51%
20	54%
21	57%
22	61%
23	64%
24	67%
25	70%
26	73%
27	76%
28	78%
29	80%
30	83%
31	84%
32	86%
33	88%
34	89%
35	90%
36	92%
37	93%
38	94%
39	94%
40	95%

Raw score on summer Year 1	Likelihood of getting 100 or more on KS1 test
41	96%
42	96%
43	97%
44	97%
45	97%
46	98%
47	98%
48	98%

Forecast from the NFER Year 2 Autumn Reading Assessment to the KS1 National Curriculum Reading Test 2018

Raw score on autumn Year 2	Likelihood of getting 100 or more on KS1 test
0	13%
1	15%
2	18%
3	21%
4	24%
5	28%
6	31%
7	36%
8	40%
9	45%
10	49%
11	54%
12	59%
13	63%
14	67%
15	71%
16	75%
17	78%
18	81%
19	84%
20	86%
21	88%
22	90%
23	92%
24	93%
25	94%
26	95%
27	96%
28	97%
29	97%
30	98%
31	98%
32	98%
33	99%
34	99%
35	99%

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