

2017 national curriculum assessments

# Key stage 1

## Interim teacher assessment frameworks at the end of key stage 1

December 2016



Standards  
& Testing  
Agency

# Interim teacher assessment framework at the end of key stage 1 - reading

## Key principles

- This statutory interim framework is to be used only to make a teacher assessment judgement at the end of the key stage following the completion of the key stage 1 curriculum. It is not intended to be used to track progress throughout the key stage.
- The interim framework does not include full coverage of the content of the national curriculum and focuses on key aspects for assessment. Pupils achieving the different standards within this interim framework will be able to demonstrate a broader range of skills than those being assessed.
- This interim framework is not intended to guide individual programmes of study, classroom practice or methodology.
- Teachers must base their teacher assessment judgement on a broad range of evidence from across the curriculum for each pupil.
- The evidence used must include the key stage 1 English reading test, which does not focus solely on the key aspects listed in this interim framework.
- Individual pieces of work should be assessed according to a school's assessment policy and not against this interim framework.

Each of the three standards within the interim framework contains a number of 'pupil can' statements. To demonstrate that pupils have met a standard within this interim framework, teachers will need to have evidence that a pupil demonstrates attainment of **all** of the statements within that standard **and all** the statements in the preceding standard(s).

Some of the statements contain qualifiers (some, many and most) to indicate that pupils will not always consistently demonstrate the skill required. Further guidance to support teachers in making consistent judgements on these is provided as part of the exemplification material. However, where they have been used, they have consistent meaning with 'most' indicating that the statement is generally met with only occasional errors and 'some' indicating that the skill / knowledge is starting to be acquired, and is demonstrated correctly on occasion, but is not consistent or frequent.

Teachers should refer to the spelling appendix (year 1 and year 2) of the national curriculum programmes of study for items marked \* to exemplify the words that pupils should be able to read as well as spell.

Where pupils have a physical disability or sensory impairment that prevents them from demonstrating attainment in the way described in a statement, their equivalent method of communication or learning is applicable (e.g. visual phonics for a pupil with a hearing impairment). Where pupils have a physical disability or sensory impairment that prevents them from accessing a statement altogether, these statements can be excluded from the teacher assessment (e.g. for handwriting if the pupil is physically unable to write). Teachers should use their professional discretion in making such judgements for each statement and each individual pupil. A standard can only be awarded where a pupil has met every statement which they are able to access.

This framework is interim for the academic year 2016 to 2017 only.

## Interim teacher assessment framework at the end of key stage 1 - reading

### Working towards the expected standard

The pupil can:

- read accurately by blending the sounds in words that contain the common graphemes for all 40+ phonemes\*
- read accurately some words of two or more syllables that contain the same grapheme-phoneme correspondences (GPCs)\*
- read many common exception words\*.

In a book closely matched to the GPCs as above, the pupil can:

- read aloud many words quickly and accurately without overt sounding and blending
- sound out many unfamiliar words accurately.

In discussion with the teacher, the pupil can:

- answer questions and make inferences on the basis of what is being said and done in a familiar book that is read to them.

### Working at the expected standard

The pupil can:

- read accurately most words of two or more syllables
- read most words containing common suffixes\*
- read most common exception words\*.

In age-appropriate books, the pupil can:

- read words accurately and fluently without overt sounding and blending, e.g. at over 90 words per minute
- sound out most unfamiliar words accurately, without undue hesitation.

In a familiar book that they can already read accurately and fluently, the pupil can:

- check it makes sense to them
- answer questions and make some inferences on the basis of what is being said and done.

### Working at greater depth within the expected standard

The pupil can, in a book they are reading independently:

- make inferences on the basis of what is said and done
- predict what might happen on the basis of what has been read so far
- make links between the book they are reading and other books they have read.

# Interim teacher assessment framework at the end of key stage 1 - writing

## Key principles

- This statutory interim framework is to be used only to make a teacher assessment judgement at the end of the key stage following the completion of the key stage 1 curriculum. It is not intended to be used to track progress throughout the key stage.
- The interim framework does not include full coverage of the content of the national curriculum and focuses on key aspects for assessment. Pupils achieving the different standards within this interim framework will be able to demonstrate a broader range of skills than those being assessed.
- This interim framework is not intended to guide individual programmes of study, classroom practice or methodology.
- Teachers must base their teacher assessment judgement on a broad range of evidence from across the curriculum for each pupil.
- The evidence used can include the optional key stage 1 English grammar, punctuation and spelling test.
- Individual pieces of work should be assessed according to a school's assessment policy and not against this interim framework.

Each of the three standards within the interim framework contains a number of 'pupil can' statements. To demonstrate that pupils have met a standard within this interim framework, teachers will need to have evidence that a pupil demonstrates attainment of **all** of the statements within that standard **and all** the statements in the preceding standard(s).

Some of the statements contain qualifiers (some, many and most) to indicate that pupils will not always consistently demonstrate the skill required. Further guidance to support teachers in making consistent judgements on these is provided as part of the exemplification material. However, where they have been used, they have consistent meaning with 'most' indicating that the statement is generally met with only occasional errors and 'some' indicating that the skill/knowledge is starting to be acquired, and is demonstrated correctly on occasion, but is not consistent or frequent.

Teachers should refer to the national curriculum programmes of study for items marked \* (e.g. to exemplify the words that pupils should be able to spell).

Where pupils have a physical disability or sensory impairment that prevents them from demonstrating attainment in the way described in a statement, their equivalent method of communication or learning is applicable (e.g. visual phonics for a pupil with a hearing impairment). Where pupils have a physical disability or sensory impairment that prevents them from accessing a statement altogether, these statements can be excluded from the teacher assessment (e.g. for handwriting if the pupil is physically unable to write). Teachers should use their professional discretion in making such judgements for each statement and each individual pupil. A standard can only be awarded where a pupil has met every statement which they are able to access.

Where pupils are physically able to write and meet all of the statements except for being able to produce legible handwriting, they may be awarded the 'expected standard' but cannot be awarded the 'greater depth' standard. This refers to the final statements within 'Working towards' and 'Working at the expected standard'.

This framework is interim for the academic year 2016 to 2017 only.

## Interim teacher assessment framework at the end of key stage 1 - writing

### Working towards the expected standard

The pupil can write sentences that are sequenced to form a short narrative, after discussion with the teacher:

- demarcating some sentences with capital letters and full stops
- segmenting spoken words into phonemes and representing these by graphemes, spelling some correctly
- spelling some common exception words\*
- forming lower-case letters in the correct direction, starting and finishing in the right place
- forming lower-case letters of the correct size relative to one another in some of the writing
- using spacing between words.

### Working at the expected standard

The pupil can write a narrative about their own and others' experiences (real and fictional), after discussion with the teacher:

- demarcating most sentences with capital letters and full stops and with some use of question marks and exclamation marks
- using sentences with different forms in their writing (statements, questions, exclamations and commands)
- using some expanded noun phrases to describe and specify
- using present and past tense mostly correctly and consistently
- using co-ordination (or / and / but) and some subordination (when / if / that / because)
- segmenting spoken words into phonemes and representing these by graphemes, spelling many correctly
- spelling many common exception words\*
- spelling some words with contracted forms\*
- adding suffixes to spell some words correctly in their writing  
e.g. *-ment, -ness, -ful, -less, -ly*\*
- using the diagonal and horizontal strokes needed to join letters in some of their writing
- writing capital letters and digits of the correct size, orientation and relationship to one another and to lower case letters
- using spacing between words that reflects the size of the letters.

### Working at greater depth within the expected standard

The pupil can write for different purposes, after discussion with the teacher:

- using the full range of punctuation taught at key stage 1 mostly correctly
- spelling most common exception words\*
- spelling most words with contracted forms\*
- adding suffixes to spell most words correctly in their writing,  
e.g. *-ment, -ness, -ful, -less, -ly*\*
- using the diagonal and horizontal strokes needed to join letters in most of their writing.

# Interim teacher assessment framework at the end of key stage 1 - mathematics

## Key principles

- This statutory interim framework is to be used only to make a teacher assessment judgement at the end of the key stage following the completion of the key stage 1 curriculum. It is not intended to be used to track progress throughout the key stage.
- The interim framework does not include full coverage of the content of the national curriculum and focuses on key aspects for assessment. Pupils achieving the different standards within this interim framework will be able to demonstrate a broader range of skills than those being assessed.
- This interim framework is not intended to guide individual programmes of study, classroom practice or methodology.
- Teachers must base their teacher assessment judgement on a broad range of evidence from across the curriculum for each pupil.
- The evidence used must include the key stage 1 mathematics test, which does not focus solely on the key aspects listed in this interim framework.
- Individual pieces of work should be assessed according to a school's assessment policy and not against this interim framework.

Each of the three standards within the interim framework contains a number of 'pupil can' statements. To demonstrate that they have met a standard within this interim framework, teachers will need to have evidence that a pupil demonstrates consistent attainment of **all** of the statements within that standard **and all** the statements in the preceding standard(s).

Where pupils have a physical disability or sensory impairment that prevents them from demonstrating attainment in the way described in a statement, their equivalent method of communication or learning is applicable (e.g. visual phonics for a pupil with a hearing impairment). Where pupils have a physical disability or sensory impairment that prevents them from accessing a statement altogether, these statements can be excluded from the teacher assessment (e.g. for handwriting if the pupil is physically unable to write). Teachers should use their professional discretion in making such judgements for each statement and each individual pupil. A standard can only be awarded where a pupil has met every statement which they are able to access.

This framework is interim for the academic year 2016 to 2017 only.

## Interim teacher assessment framework at the end of key stage 1 - mathematics

### Working towards the expected standard

- The pupil can demonstrate an understanding of place value, though may still need to use apparatus to support them  
(e.g. by stating the difference in the tens and ones between 2 numbers i.e. 77 and 33 has a difference of 40 for the tens and a difference of 4 for the ones; by writing number statements such as  $35 < 53$  and  $42 > 36$ ).
- The pupil can count in twos, fives and tens from 0 and use counting strategies to solve problems  
(e.g. count the number of chairs in a diagram when the chairs are organised in 7 rows of 5 by counting in fives).
- The pupil can read and write numbers correctly in numerals up to 100  
(e.g. can write the numbers 14 and 41 correctly).
- The pupil can use number bonds and related subtraction facts within 20  
(e.g.  $18 = 9 + ?$ ;  $15 = 6 + ?$ ).
- The pupil can add and subtract a two-digit number and ones and a two-digit number and tens where no regrouping is required (e.g.  $23 + 5$ ;  $46 + 20$ ), they can demonstrate their method using concrete apparatus or pictorial representations.
- The pupil can recall doubles and halves to 20  
(e.g. pupil knows that double 2 is 4, double 5 is 10 and half of 18 is 9).
- The pupil can recognise and name triangles, rectangles, squares, circles, cuboids, cubes, pyramids and spheres from a group of shapes or from pictures of the shapes.

### Working at the expected standard

- The pupil can partition two-digit numbers into different combinations of tens and ones. This may include using apparatus  
(e.g. 23 is the same as 2 tens and 3 ones which is the same as 1 ten and 13 ones).
- The pupil can add 2 two-digit numbers within 100 (e.g.  $48 + 35$ ) and can demonstrate their method using concrete apparatus or pictorial representations.
- The pupil can use estimation to check that their answers to a calculation are reasonable  
(e.g. knowing that  $48 + 35$  will be less than 100).
- The pupil can subtract mentally a two-digit number from another two-digit number when there is no regrouping required (e.g.  $74 - 33$ ).
- The pupil can recognise the inverse relationships between addition and subtraction and use this to check calculations and work out missing number problems  
(e.g.  $\Delta - 14 = 28$ ).
- The pupil can recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables to solve simple problems, demonstrating an understanding of commutativity as necessary  
(e.g. knowing they can make 7 groups of 5 from 35 blocks and writing  $35 \div 5 = 7$ ;  
sharing 40 cherries between 10 people and writing  $40 \div 10 = 4$ ;  
stating the total value of six 5p coins).
- The pupil can identify  $\frac{1}{3}$ ,  $\frac{1}{4}$ ,  $\frac{1}{2}$ ,  $\frac{2}{4}$ ,  $\frac{3}{4}$  and knows that all parts must be equal parts of the whole.

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- The pupil can use different coins to make the same amount (e.g. pupil uses coins to make 50p in different ways; pupil can work out how many £2 coins are needed to exchange for a £20 note).
- The pupil can read scales in divisions of ones, twos, fives and tens in a practical situation where all numbers on the scale are given (e.g. pupil reads the temperature on a thermometer or measures capacities using a measuring jug).
- The pupil can read the time on the clock to the nearest 15 minutes.
- The pupil can describe properties of 2-D and 3-D shapes (e.g. the pupil describes a triangle: it has 3 sides, 3 vertices and 1 line of symmetry; the pupil describes a pyramid: it has 8 edges, 5 faces, 4 of which are triangles and one is a square).

### Working at greater depth within the expected standard

- The pupil can reason about addition (e.g. pupil can reason that the sum of 3 odd numbers will always be odd).
- The pupil can use multiplication facts to make deductions outside known multiplication facts (e.g. a pupil knows that multiples of 5 have one digit of 0 or 5 and uses this to reason that  $18 \times 5$  cannot be 92 as it is not a multiple of 5).
- The pupil can work out mental calculations where regrouping is required (e.g.  $52 - 27$ ;  $91 - 73$ ).
- The pupil can solve more complex missing number problems (e.g.  $14 + \square - 3 = 17$ ;  $14 + \Delta = 15 + 27$ ).
- The pupil can determine remainders given known facts (e.g. given  $15 \div 5 = 3$  and has a remainder of 0, pupil recognises that  $16 \div 5$  will have a remainder of 1; knowing that  $2 \times 7 = 14$  and  $2 \times 8 = 16$ , pupil explains that making pairs of socks from 15 identical socks will give 7 pairs and one sock will be left).
- The pupil can solve word problems that involve more than one step (e.g. which has the most biscuits, 4 packets of biscuits with 5 in each packet or 3 packets of biscuits with 10 in each packet?).
- The pupil can recognise the relationships between addition and subtraction and can rewrite addition statements as simplified multiplication statements (e.g.  $10 + 10 + 10 + 5 + 5 = 3 \times 10 + 2 \times 5 = 4 \times 10$ ).
- The pupil can find and compare fractions of amounts (e.g.  $\frac{1}{4}$  of £20 = £5 and  $\frac{1}{2}$  of £8 = £4 so  $\frac{1}{4}$  of £20 is greater than  $\frac{1}{2}$  of £8).
- The pupil can read the time on the clock to the nearest 5 minutes.
- The pupil can read scales in divisions of ones, twos, fives and tens in a practical situation where not all numbers on the scale are given.
- The pupil can describe similarities and differences of shape properties (e.g. finds 2 different 2-D shapes that only have one line of symmetry; that a cube and a cuboid have the same number of edges, faces and vertices but can describe what is different about them).



# Interim teacher assessment framework at the end of key stage 1 - science

## Key principles

- This statutory interim framework is to be used only to make a teacher assessment judgement at the end of the key stage following the completion of the key stage 1 curriculum. It is not intended to be used to track progress throughout the key stage.
- The interim framework does not include full coverage of the content of the national curriculum and focuses on key aspects for assessment. Pupils achieving the standard within this interim framework will be able to demonstrate a broader range of skills than those being assessed.
- This interim framework is not intended to guide individual programmes of study, classroom practice or methodology.
- Teachers must base their teacher assessment judgement on a broad range of evidence from across the curriculum for each pupil.
- Individual pieces of work should be assessed according to a school's assessment policy and not against this interim framework.

The standard within the interim framework contains a number of 'pupil can' statements. To demonstrate that they have met the standard, teachers will need to have evidence that a pupil demonstrates consistent attainment of **all** of the statements within the standard. This will draw on assessment judgements that have been made earlier, regarding science content that has been taught before the final year of the key stage.

Where pupils have a physical disability or sensory impairment that prevents them from demonstrating attainment in the way described in a statement, their equivalent method of communication or learning is applicable (e.g. visual phonics for a pupil with a hearing impairment). Where pupils have a physical disability or sensory impairment that prevents them from accessing a statement altogether, these statements can be excluded from the teacher assessment (e.g. for handwriting if the pupil is physically unable to write). Teachers should use their professional discretion in making such judgements for each statement and each individual pupil. A standard can only be awarded where a pupil has met every statement which they are able to access.

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## Interim teacher assessment framework at the end of key stage 1 - science

### Working at the expected standard

The first statements relate to working scientifically, which must be taught through, and clearly related to, the teaching of substantive science content in the programme of study.

The pupil can:

- ask their own questions about what they notice
- use different types of scientific enquiry to gather and record data, using simple equipment where appropriate, to answer questions including:
  - observing changes over time
  - noticing similarities, differences and patterns
  - grouping and classifying things
  - carrying out simple comparative tests
  - finding things out using secondary sources of information
- use appropriate scientific language from the national curriculum to communicate their ideas in a variety of ways, what they do and what they find out.

The remaining statements relate to the science content.

The pupil can:

- name and locate parts of the human body, including those related to the senses, and describe the importance of exercise, balanced diet and hygiene for humans
- describe the basic needs of animals for survival and the main changes as young animals, including humans, grow into adults
- describe basic needs of plants for survival and the impact of changing these and the main changes as seeds and bulbs grow into mature plants
- identify whether things are alive, dead or have never lived
- describe and compare the observable features of animals from a range of groups
- group animals according to what they eat, describe how animals get their food from other animals and/or from plants, and use simple food chains to describe these relationships
- describe seasonal changes
- name different plants and animals and describe how they are suited to different habitats
- use their knowledge and understanding of the properties of materials, to distinguish objects from materials, identify and group everyday materials, and compare their suitability for different uses.



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