



## MATHEMATICS AND COMPUTING

### Number - number and place value KS1

- **m33** recognise the place value of each digit in a two-digit number (tens, ones)
- **m34** identify, represent and estimate numbers using different representations, including the number line
- **m35** compare and order numbers from 0 up to 100; use <, > and = signs

### Number - addition and subtraction KS1

- **m38** solve problems with addition and subtraction:
- **m41** recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100
- **m43** a two-digit number and ones
- **m44** a two-digit number and tens
- **m45** two two-digit numbers
- **m46** adding three one-digit numbers
- **m47** show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot
- **m48** recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.

### Number - multiplication and division KS1

- **m49** recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers
- **m50** calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (x), division (÷) and equals (=) signs
- **m51** show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot
- **m52** solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.

### Number - fractions KS1

- **m53** recognise, find, name and write fractions, and of a length, shape, set of objects or quantity
- **m54** write simple fractions for example, of 6 = 3 and recognise the equivalence of and .

### Measurement KS1

- **m55** choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels
- **m57** recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value
- **m58** find different combinations of coins that equal the same amounts of money
- **m59** solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change
- **m60** compare and sequence intervals of time
- **m61** tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times
- **m62** know the number of minutes in an hour and the number of hours in a day.

### Geometry - position and direction KS1

- **m67** order and arrange combinations of mathematical objects in patterns and sequences
- **m68** use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise).

### Statistics KS1

- **m72** know the number of seconds in a minute and the number of days in each month, year and leap year
- **m73** compare durations of events [for example to calculate the time taken by particular events or tasks].

### KS1

- **co11** I know how to use equipment safely and respectfully
- **co12** I understand what 'personal information' is and why it must be kept private
- **co13** I know what to do if I am worried about anything when I am using the internet

Week 1: Can I sequence patterns and numbers forwards and backwards?  
Can I identify numbers on a number line and scales?  
Week 2: Can I use column addition (crossing tens)?  
Can I identify the missing number in an addition sentence?  
Can I read the time (o'clock, quarter past, quarter to, 5 minutes)?  
Week 3: Can I identify missing numbers in a multiplication or division sentence?  
Week 4: Do I understand the value of tens and ones?  
Can I compare and order numbers 0-100 and beyond?  
Can I identify missing numbers on a number line?  
Can I partition numbers in different ways?  
Can I use standard units to estimate, measure and compare lengths?  
Week 5: Can I find fractions of quantities, lengths, sets of objects and shapes?  
Can I compare and order weights and record the results using >, < and =?  
Week 6: Can I use fractions of quantities to solve problems?  
Can I compare and order volume/capacity and record the results using >, < and =?  
Week 7: Can I use combinations of coins to make different values?  
Can I give change?

This half term our focus will be on traditional tales.

Week 1 & 2:  
'The 3 Pigs' - Do I know the features of a traditional tale? Traits of good/bad characters. Character description. Discuss the story from the viewpoint of different characters. Reading comprehension.  
Week 3 & 4:  
'Little Red Riding Hood' - Can I sequence a story? Story sequencing in words and pictures. Character traits. Finding expanded noun phrases in a text. Reading comprehension.  
Week 5 & 6:  
'The Gingerbread Man' - Can I create my own version of a traditional tale? Children to take aspects of the text and change to create their own version. Describe a setting. Reading comprehension.

SPaG coverage this half term: contractions, conjunctions, commas in a list, exclamatory sentences.

AP & JF Y2  
Eng & Maths  
Spr 1 '17

## LITERACY

### Reading - word reading KS1

- **e64** read words containing common suffixes

### Reading - comprehension KS1

- **e74** recognising simple recurring literary language in stories and poetry
- **e79** drawing on what they already know or on background information and vocabulary provided by the teacher
- **e81** making inferences on the basis of what is being said and done
- **e82** answering and asking questions

### Writing - transcription - Spelling KS1

- **e88** learning to spell common exception words
- **e89** learning to spell more words with contracted forms
- **e90** learning the possessive apostrophe (singular) [for example, the girl's book]
- **e92** add suffixes to spell longer words, including -ment, -ness, -ful, -less, -ly

### Writing - handwriting KS1

- **e96** start using some of the diagonal and horizontal strokes needed to join letters and understand which letters, when adjacent to one another, are best left unjoined

### Writing - composition KS1

- **e110** re-reading to check that their writing makes sense and that verbs to indicate time are used correctly and consistently, including verbs in the continuous form
- **e111** proof-reading to check for errors in spelling, grammar and punctuation [for example, ends of sentences punctuated correctly]

### Writing - vocabulary, grammar and punctuation KS1

- **e116** sentences with different forms: statement, question, exclamation, command
- **e117** expanded noun phrases to describe and specify [for example, the blue butterfly]
- **e118** the present and past tenses correctly and consistently including the progressive form
- **e119** subordination (using when, if, that, or because) and co-ordination (using or, and, or but)



# AP & JF Y2 Eng & Maths Spr 1 '17 - Stage Coverage

## MATHEMATICS AND COMPUTING

### KS1

- **m31** count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward

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