

Mathematics

Addition and subtraction

Year 1

- I can read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs
- I can represent and use number bonds and related subtraction facts within 20
- I can add and subtract one-digit and two-digit numbers to 20, including 0
- I can solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = ? - 9$.

Year 2

- I can recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100
- I can solve problems with addition and subtraction
- I can add and subtract numbers using concrete objects, pictorial representations, and mentally
- I can show that addition of 2 numbers can be done in any order (commutative) and subtraction of one number from another cannot
- I can recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.

Multiplication and division

Year 1

- I can solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher.

Year 2

- I can recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers
- I can calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (\times), division (\div) and equals (=) signs
- I can show that multiplication of 2 numbers can be done in any order (commutative) and division of 1 number by another cannot
- I can solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.



Space



English

Reading

- I can share and enjoy fiction and non-fiction books about space
- I can ask and answer questions about a text
- I can infer information about a character's feelings
- I can make predictions about what will happen next
- I can talk about words and phrases that I like

Writing

- I can write for a range of different purposes
- I can use the phonics I have been taught in my reading and writing
- I can spell common exception words
- I can use finger spaces, full stops and capital letters
- I can use question marks and exclamation marks
- I can use conjunctions (and, because, but, so)
- I can use adjectives
- I can use commas in a list
- I can use apostrophes for contractions and singular possession

Science

Materials

- I can distinguish between an object and the material from which it is made
- I can identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock
- I can describe the simple physical properties of a variety of everyday materials
- I can compare and group together a variety of everyday materials on the basis of their simple physical properties
- I can identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for different uses
- I can find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching