LEARNING LADDERS

MATHS

ST LUKES C OF E PRIMARY SCHOOL

NAME

_____

CLASS

_____

CONTENTS

MATHS LADDER

TIMES TABLES

Can I recall and use the multiplication and division facts for the 7 times table?

| Rung 10 | COMPLETE | COMPLETE | COMPLETE | |

Can I recall and use the multiplication and division facts for the 6 and 9 times tables recognising their relationship to the 3 times tables?

| Rung 9 | COMPLETE | COMPLETE | COMPLETE | |

Can I recall and use the multiplication and division facts for the 8 times tables recognising its relationship to the 4 times table?

| Rung 8 | COMPLETE | COMPLETE | COMPLETE | |

Can I recall and use the multiplication facts for the 3 and 4 times tables?

| Rung 7 | COMPLETE | COMPLETE | COMPLETE | |

Can I recall and use the multiplication and division facts for the 3 and 4 times tables?

| Rung 6 | COMPLETE | COMPLETE | COMPLETE | |

Can I recall and use the multiplication facts for the 3 and 4 times tables?

| Rung 5 | COMPLETE | COMPLETE | COMPLETE | |

Can I recall and use division facts for 2, 5 and 10 times tables?

| Rung 4 | COMPLETE | COMPLETE | COMPLETE | |

Can I recall and use multiplication facts for 2, 5 and 10 times tables?

| Rung 3 | COMPLETE | COMPLETE | COMPLETE | |

Can I count in 3's from zero?

| Rung 2 | COMPLETE | COMPLETE | COMPLETE | |

Can I count in 2's, 5's and 10's from zero?

| Rung 1 | COMPLETE | COMPLETE | COMPLETE | |

TIMES TABLES
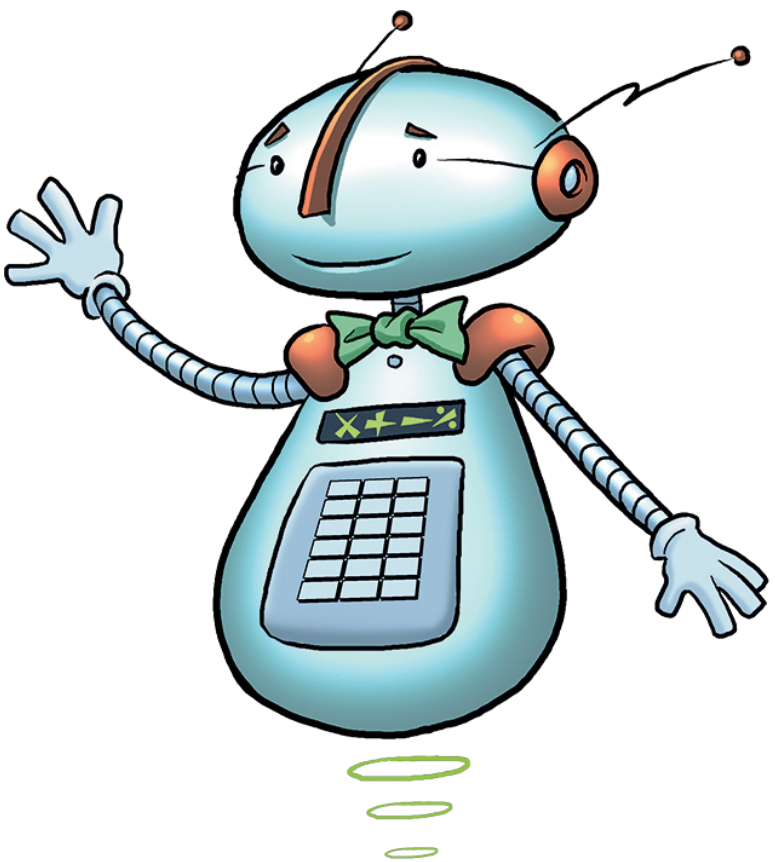
Can I recall quickly all the multiplication and division facts for tables up to 12 x 12 and use them confidently in larger calculations?			
Rung 12	COMPLETE	COMPLETE	COMPLETE

Can I recall and use the multiplication and division facts for all tables up to 12 x 12?			
Rung 11	COMPLETE	COMPLETE	COMPLETE

MATHS LADDER

ADDITION

Can I estimate the answer to an addition calculation or use the inverse to check it is correct?

| Rung 10 | COMPLETE | COMPLETE | COMPLETE | |

Can I add 2 digit numbers and 3 digit numbers using expanded column addition?

| Rung 9 | COMPLETE | COMPLETE | COMPLETE | |

Can I partition 2 and 3 digit numbers and add vertically using base 10 or practical resources without crossing boundaries?

| Rung 8 | COMPLETE | COMPLETE | COMPLETE | |

Can I add 10 or 100 to any number and add in multiples of 10?

| Rung 7 | COMPLETE | COMPLETE | COMPLETE | |

Can I partition a number to add using number bonds to 10, e.g. 8 + 7 is 8 + 2 + 5?

| Rung 6 | COMPLETE | COMPLETE | COMPLETE | |

Can I add in tens and ones using an unstructured number line?

| Rung 5 | COMPLETE | COMPLETE | COMPLETE | |

Can I show that I know my number facts to 20?

| Rung 4 | COMPLETE | COMPLETE | COMPLETE | |

Can I add in tens and ones using a structured number line?

| Rung 3 | COMPLETE | COMPLETE | COMPLETE | |

Can I add in ones using a structured number line?

| Rung 2 | COMPLETE | COMPLETE | COMPLETE | |

Can I add in ones using practical resources?

| Rung 1 | COMPLETE | COMPLETE | COMPLETE | |

ADDITION

Can I add a mix of whole numbers and decimals with different numbers of decimal places using column addition?			
Rung 19	COMPLETE	COMPLETE	COMPLETE
Can I use rounding to estimate and check answers to calculations?			
Rung 18	COMPLETE	COMPLETE	COMPLETE
Can I add large numbers in different contexts using formal column addition?			
Rung 17	COMPLETE	COMPLETE	COMPLETE
Can I add money with decimal places using formal column addition?			
Rung 16	COMPLETE	COMPLETE	COMPLETE
Can I add 3 and 4 digit numbers using formal column addition?			
Rung 15	COMPLETE	COMPLETE	COMPLETE
Can I use inverse operations to check calculations?			
Rung 14	COMPLETE	COMPLETE	COMPLETE
Can I add money with decimal places using expanded column additions?			
Rung 13	COMPLETE	COMPLETE	COMPLETE
Can I add using both £ and p in practical contexts?			
Rung 12	COMPLETE	COMPLETE	COMPLETE
Can I add 2 digit numbers and 3 digit numbers using column addition?			
Rung 11	COMPLETE	COMPLETE	COMPLETE

SUBTRACTION

Can I subtract 2 and 3 digit numbers using column subtraction with decomposing?

| Rung 10 | COMPLETE | COMPLETE | COMPLETE | |

Can I estimate the answer to a subtraction calculation or use the inverse to check it is correct?

| Rung 9 | COMPLETE | COMPLETE | COMPLETE | |

Can I partition a number and subtract using column subtraction without decomposing?
(2 and 3 digit numbers).

| Rung 8 | COMPLETE | COMPLETE | COMPLETE | |

Can I use related facts to subtract multiples of 10 and 100? (e.g. 6 - 4 = 2, 60 - 40 = 20).

| Rung 7 | COMPLETE | COMPLETE | COMPLETE | |

Can I subtract more efficiently using a number line, using jumps of multiples of 10 with numbers up to 3 digits?

| Rung 6 | COMPLETE | COMPLETE | COMPLETE | |

Can I show that I know all the subtraction facts to 20?

| Rung 5 | COMPLETE | COMPLETE | COMPLETE | |

Can I subtract in tens and ones using a unstructured number line?

| Rung 4 | COMPLETE | COMPLETE | COMPLETE | |

Can I subtract in tens and ones using a structured number line?

| Rung 3 | COMPLETE | COMPLETE | COMPLETE | |

Can I subtract in ones using a structured number line?

| Rung 2 | COMPLETE | COMPLETE | COMPLETE | |

Can I subtract in ones using practical resources?
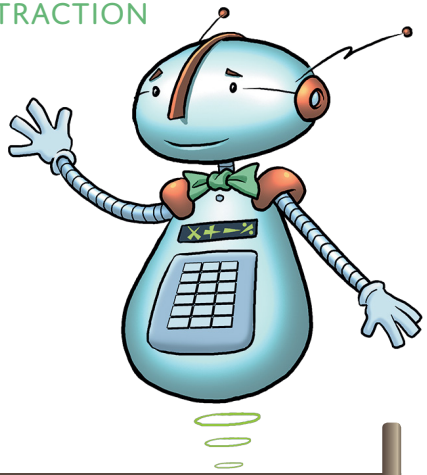
| Rung 1 | COMPLETE | COMPLETE | COMPLETE | |

SUBTRACTION

Can I subtract a mix of whole numbers and decimals, with different numbers of decimal places, using column subtraction?

Rung 18	COMPLETE	COMPLETE	COMPLETE	

Can I use rounding to check answers to calculations?

Rung 17	COMPLETE	COMPLETE	COMPLETE	

Can I subtract large numbers using formal column subtraction?

Rung 16	COMPLETE	COMPLETE	COMPLETE	

Can I subtract 3 and 4 digit numbers using formal column subtraction?

Rung 15	COMPLETE	COMPLETE	COMPLETE	

Can I use the inverse to check calculations?

Rung 14	COMPLETE	COMPLETE	COMPLETE	

Can I subtract 3 digit numbers by partitioning and decomposing using column subtraction?

Rung 13	COMPLETE	COMPLETE	COMPLETE	

Can I subtract money including decimals using a number line? (e.g. finding the change from £5.00).

Rung 12	COMPLETE	COMPLETE	COMPLETE	

Can I subtract money using both £ and p to give change in practical contexts?

Rung 11	COMPLETE	COMPLETE	COMPLETE	

MATHS LADDER

MULTIPLICATION

Can I use a formal vertical method to multiply TU and HTU by U?				
Rung 10	COMPLETE	COMPLETE	COMPLETE	

Can I use an expanded vertical method to multiply money with 2 decimal places by U (a one digit number)?				
Rung 9	COMPLETE	COMPLETE	COMPLETE	

Can I use an expanded vertical method to multiply TU and HTU by U?				
Rung 8	COMPLETE	COMPLETE	COMPLETE	

Can I use related facts to multiply multiples of 10 and 100, e.g. 2x3=6, 2x30=60, 2x300=600?				
Rung 7	COMPLETE	COMPLETE	COMPLETE	

Can I partition a number into 10's and ones to multiply? (distributive law).				
Rung 6	COMPLETE	COMPLETE	COMPLETE	

Can I use related facts to multiply multiples of 10? (e.g. 2x3=6 2x30=60).				
Rung 5	COMPLETE	COMPLETE	COMPLETE	

Can I explore the effect of partitioning a number to multiply (distributive law)? (e.g. exploring 7x8 by splitting 7 into 2 and 5 then calculating 2x8 then 5x8).				
Rung 4	COMPLETE	COMPLETE	COMPLETE	

Can I show that multiplication can be done in any order? (commutative).				
Rung 3	COMPLETE	COMPLETE	COMPLETE	

Can I multiply using concrete objects, pictorial representations, arrays and repeated addition?				
Rung 2	COMPLETE	COMPLETE	COMPLETE	

Can I multiply using concrete objects, pictorial representations and arrays with the support of the teacher?				
Rung 1	COMPLETE	COMPLETE	COMPLETE	

MULTIPLICATION

Can I use long multiplication to multiply THTU or HTU x TU?

| Rung 19 | COMPLETE | COMPLETE | COMPLETE | |

Can I use related facts to multiply multiples of 10 and 100? (e.g. 2 x 3 = 6 200 x 30 = 6000).

| Rung 18 | COMPLETE | COMPLETE | COMPLETE | |

Can I multiply numbers with up to 2 decimal places by a whole number?

| Rung 17 | COMPLETE | COMPLETE | COMPLETE | |

Can I multiply TU x TU using long multiplication?

| Rung 16 | COMPLETE | COMPLETE | COMPLETE | |

Can I multiply TU x TU using an expanded written strategy?

| Rung 15 | COMPLETE | COMPLETE | COMPLETE | |

Can I multiply TU x TU using diagrams, arrays and grids?

| Rung 14 | COMPLETE | COMPLETE | COMPLETE | |

Can I use related facts to multiply multiples of 10 and 100? (e.g. 2 x 3 = 6 20 x 30 = 600).

| Rung 13 | COMPLETE | COMPLETE | COMPLETE | |

Can I use a formal vertical method to multiply HTU, THHTU and whole numbers with up to 2 decimal places by U? (e.g. money).

| Rung 12 | COMPLETE | COMPLETE | COMPLETE | |

Can I multiply 3 numbers, combining them in different ways and using my knowledge of number facts to makes this easier? (e.g. 2 x 6 x 5 = 10 x 6).

| Rung 11 | COMPLETE | COMPLETE | COMPLETE | |

MATHS LADDER

DIVISION

Can I begin to represent a remainder as a fraction or decimal?

| Rung 10 | COMPLETE | COMPLETE | COMPLETE | |

Can I solve more complex problems involving division, including with remainders, and round the answer appropiately in context?

| Rung 9 | COMPLETE | COMPLETE | COMPLETE | |

Can I divide 4 digit and 3 digit numbers by one digit using short division?

| Rung 8 | COMPLETE | COMPLETE | COMPLETE | |

Can I divide 3 digit numbers using increasingly efficient written methods and using related multiplication facts?

| Rung 7 | COMPLETE | COMPLETE | COMPLETE | |

Can I divide 2 digit numbers by increasingly efficient written methods and use related multiplication facts?

| Rung 6 | COMPLETE | COMPLETE | COMPLETE | |

Can I understand the effect of dividing by 1?

| Rung 5 | COMPLETE | COMPLETE | COMPLETE | |

Can I divide 2 digit numbers by another number using the tables I know?

| Rung 4 | COMPLETE | COMPLETE | COMPLETE | |

Can I show that division of one number by another cannot be done in any order?

| Rung 3 | COMPLETE | COMPLETE | COMPLETE | |

Can I divide using concrete objects, pictorial representations, arrays and repeated subtraction?

| Rung 2 | COMPLETE | COMPLETE | COMPLETE | |

Can I divide using concrete objects, pictorial representations and arrays with the support of the teacher?

| Rung 1 | COMPLETE | COMPLETE | COMPLETE | |

DIVISION

Can I divide numbers up to 4 digits by a 2 digit whole number using long division?

| Rung 13 | COMPLETE | COMPLETE | COMPLETE | |

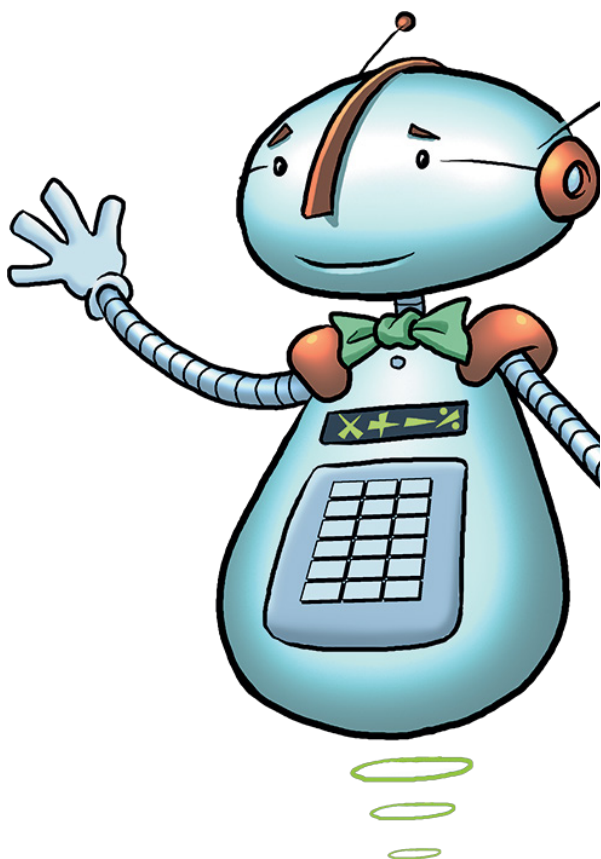Can I express a quotient as a fraction, decimal or rounded according to context?

| Rung 12 | COMPLETE | COMPLETE | COMPLETE | |

Can I divide numbers up to 4 digits by a 2 digit whole number using expanded long division?

| Rung 11 | COMPLETE | COMPLETE | COMPLETE | |

MATHS LADDER

FRACTIONS

Can I compare and order unit fractions with the support of fraction boards and number lines?

Rung 10	COMPLETE	COMPLETE	COMPLETE	

Can I add and subtract fractions with the same denominator and recognise a whole as a fraction? (e.g. 2/5 + 1/5 = 3/5).

Rung 9	COMPLETE	COMPLETE	COMPLETE	

Can I compare and order fractions with the same denominator?

Rung 8	COMPLETE	COMPLETE	COMPLETE	

Can I work out fractions of amounts for common fractions? (e.g. 1/2, 1/4, 3/4, 1/5 of a set of objects).

Rung 7	COMPLETE	COMPLETE	COMPLETE	

Can I recognise fractions of shapes? (unit and non-unit).

Rung 6	COMPLETE	COMPLETE	COMPLETE	

Can I count in halves and quarters up to 10 recognising that fractions are numbers between whole numbers?

Rung 5	COMPLETE	COMPLETE	COMPLETE	

Can I recognise that 2/4 is equivalent to 1/2?

Rung 4	COMPLETE	COMPLETE	COMPLETE	

Can I recognise, find, name and write fractions 1/3, 1/4, 2/4 and 2/4 of a length, shape, set of objects or quantity?

Rung 3	COMPLETE	COMPLETE	COMPLETE	

Can I recognise, find and name a quarter of an object, shape or quantity?

Rung 2	COMPLETE	COMPLETE	COMPLETE	

Can I recognise, find and name a half of an object, shape or quantity?

Rung 1	COMPLETE	COMPLETE	COMPLETE	

MATHS LADDER

FRACTIONS

Can I multiply proper fractions and mixed numbers by a whole number using diagrams and concrete apparatus?

| Rung 20 | COMPLETE | COMPLETE | COMPLETE | |

Can I add and subtract fractions with denominators in the same fraction family?

| Rung 19 | COMPLETE | COMPLETE | COMPLETE | |

Can I compare and order fractions where denominators are in the same fraction family?

| Rung 18 | COMPLETE | COMPLETE | COMPLETE | |

Can I add and subtract fractions with the same denominators including recognising and converting improper fractions to mixed numbers?

| Rung 17 | COMPLETE | COMPLETE | COMPLETE | |

Can I recognise and convert improper fractions to mixed numbers?

| Rung 16 | COMPLETE | COMPLETE | COMPLETE | |

Can I recognise and work out non-unit fractions of shapes, lengths and sets of objects? (e.g. 3/4 of a metre, or 2/5 of a bar of chocolate made of 20 pieces).

| Rung 15 | COMPLETE | COMPLETE | COMPLETE | |

Can I recognise and work out unit fractions of shapes, lengths and sets of objects? (e.g. 1/8 of a bar of chocolate made of 40 pieces).

| Rung 14 | COMPLETE | COMPLETE | COMPLETE | |

Can I recognise and show equivalent fractions in a family of fractions?

| Rung 13 | COMPLETE | COMPLETE | COMPLETE | |

Can I add and subtract fractions where the denominator is the same beyond a whole?

| Rung 12 | COMPLETE | COMPLETE | COMPLETE | |

Can I recognise and show simple equivalent fractions using diagrams?

| Rung 11 | COMPLETE | COMPLETE | COMPLETE | |

FRACTIONS

Can I multiply more complex pairs of proper fractions?
(e.g. 3/5 x 4/7).

| Rung 28 | COMPLETE | COMPLETE | COMPLETE | |

Can I recognise and explore the relationship between multiplying by a whole number and dividing by its reciprocal?

| Rung 27 | COMPLETE | COMPLETE | COMPLETE | |

Can I divide proper fractions by a whole number?
(e.g. 1/3 divided by 2 = 1/6).

| Rung 26 | COMPLETE | COMPLETE | COMPLETE | |

Can I multiply simple pairs of proper fractions and write the answer in its simplest form?
(e.g. 1/4 x 1/2 = 1/8).

| Rung 25 | COMPLETE | COMPLETE | COMPLETE | |

Can I add and subtract fractions and mixed numbers with different denominators using the idea of equivalence?

| Rung 24 | COMPLETE | COMPLETE | COMPLETE | |

Can I compare and order any set of fractions, proper or improper, or mixed numbers including those with different denominators?

| Rung 23 | COMPLETE | COMPLETE | COMPLETE | |

Can I use common multiples to express fractions in the same denomination?

| Rung 22 | COMPLETE | COMPLETE | COMPLETE | |

Can I simplify fractions using common factors?

| Rung 21 | COMPLETE | COMPLETE | COMPLETE | |

MATHS LADDER

DECIMALS

Can I compare and order whole numbers and decimals with up to 2 decimal places?

Rung 10	COMPLETE	COMPLETE	COMPLETE	

Can I compare and order decimals with the same number of decimal places up to 2 decimal places?

Rung 9	COMPLETE	COMPLETE	COMPLETE	

Can I find the effect of dividing one and two digit numbers by 10 and 100 and identify the value of the digits in the answer as units, tenths and hundredths?

Rung 8	COMPLETE	COMPLETE	COMPLETE	

Can I recognise and write the decimal equivalent of tenths, hundredths and common fractions (1/4 1/2 3/4) in a variety of contexts? (e.g. money and measures).

Rung 7	COMPLETE	COMPLETE	COMPLETE	

Can I write the decimal equivalent of tenths and hundredths and recognise them in the context of money?

Rung 6	COMPLETE	COMPLETE	COMPLETE	

Can I recognise a hundredth as a whole divided into 100 equal parts and as 10 parts of a tenth?

Rung 5	COMPLETE	COMPLETE	COMPLETE	

Can I round a decimal with one decimal place to a whole number?

Rung 4	COMPLETE	COMPLETE	COMPLETE	

Can I count in tenths and decimal tenths recognising them as numbers between whole numbers?

Rung 3	COMPLETE	COMPLETE	COMPLETE	

Can I recognise and write the decimal equivalent of a tenth using a place value board? (e.g. 1/10 = 0.1).

Rung 2	COMPLETE	COMPLETE	COMPLETE	

Can I count in tenths and understand a tenth as part of a whole divided into 10 equal parts?

Rung 1	COMPLETE	COMPLETE	COMPLETE	

DECIMALS

Can I round an answer appropriately when using a calculator to solve problems in context?

| Rung 19 | COMPLETE | COMPLETE | COMPLETE | |

Can I recognise what degree of accuracy is appropriate when rounding decimals?

| Rung 18 | COMPLETE | COMPLETE | COMPLETE | |

Can I round answers with a specific degree of accuracy? (where this has been specified).

| Rung 17 | COMPLETE | COMPLETE | COMPLETE | |

Can I calculate more complex decimal equivalents such as 3/8 = 0.375 using my understanding of the equivalence between fractions and decimals?

| Rung 16 | COMPLETE | COMPLETE | COMPLETE | |

Can I associate a fraction with division and calculate decimal equivalents of common fractions such as halves, quarters and fifths?

| Rung 15 | COMPLETE | COMPLETE | COMPLETE | |

Can I multiply and divide numbers by 10, 100 and 1000 giving answers up to 3 decimal places?

| Rung 14 | COMPLETE | COMPLETE | COMPLETE | |

Can I read, write, order and compare numbers that have a mixture of 1, 2 or 3 decimal places?

| Rung 13 | COMPLETE | COMPLETE | COMPLETE | |

Can I recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents?

| Rung 12 | COMPLETE | COMPLETE | COMPLETE | |

Can I round decimals with 2 decimal places to the nearest whole number and to one decimal place?

| Rung 11 | COMPLETE | COMPLETE | COMPLETE | |

PERCENTAGE AND RATIO

Can I solve more complex problems using a unitary method? (e.g. scaling down to 1 and then up again).

Rung 9	COMPLETE	COMPLETE	COMPLETE	

Can I link % to calculating simple angles in a pie chart? (e.g. recognise that 50% is 180 degrees).

Rung 8	COMPLETE	COMPLETE	COMPLETE	

Can I solve more complex % problems in context such as % deduction?

Rung 7	COMPLETE	COMPLETE	COMPLETE	

Can I divide a quantity in a given ratio? (recognising the proportion as a fraction of the whole).

Rung 6	COMPLETE	COMPLETE	COMPLETE	

Can I identify that a problem can be written as a ratio and solve problems using this relationship?

Rung 5	COMPLETE	COMPLETE	COMPLETE	

Can I solve problems involving similar shapes where the scale factor is known or can be found?

Rung 4	COMPLETE	COMPLETE	COMPLETE	

Can I solve % problems in a variety of contexts such as comparing %? (e.g. best buys).

Rung 3	COMPLETE	COMPLETE	COMPLETE	

Can I recall and use equivalence between fractions, decimals and % to solve problems? (e.g. 10% of £5.00 or 50% of the team).

Rung 2	COMPLETE	COMPLETE	COMPLETE	

Can I recognise and understand % as part of 100 and write a % as a fraction and a decimal?

Rung 1	COMPLETE	COMPLETE	COMPLETE	

PROBLEM SOLVING

Can I solve missing number problems for addition, subtraction, multiplication and division with numbers up to 100 using my knowledge of number facts and the relationship between operations?

Rung 10	COMPLETE	COMPLETE	COMPLETE	

Can I solve money problems involving addition and finding the change? (both £ and pence).

Rung 9	COMPLETE	COMPLETE	COMPLETE	

Can I solve simple money problems involving addition and finding the change? (£ or pence).

Rung 8	COMPLETE	COMPLETE	COMPLETE	

Can I use place value and number facts to solve problems?

Rung 7	COMPLETE	COMPLETE	COMPLETE	

Can I solve multiplication and division problems using pictures and diagrams?

Rung 6	COMPLETE	COMPLETE	COMPLETE	

Can I solve simple word problems involving addition and subtraction with numbers up to 50?

Rung 5	COMPLETE	COMPLETE	COMPLETE	

Can I solve missing number problems for addition and subtraction with numbers up to 20?

Rung 4	COMPLETE	COMPLETE	COMPLETE	

Can I solve practical measuring problems? (e.g. length, weight, capacity and time).

Rung 3	COMPLETE	COMPLETE	COMPLETE	

Can I solve multiplication and division 1 step word problems using concrete apparatus? (2, 5 and 10 x tables only).

Rung 2	COMPLETE	COMPLETE	COMPLETE	

Can I solve addition and subtraction 1 step word problems using concrete apparatus?

Rung 1	COMPLETE	COMPLETE	COMPLETE	

PROBLEM SOLVING

Can I solve more complex scaling problems?
(e.g. 8 times as high).

| Rung 20 | COMPLETE | COMPLETE | COMPLETE | |

Can I solve 2 step word problems involving all 4 operations, deciding which operations to use and when?

| Rung 19 | COMPLETE | COMPLETE | COMPLETE | |

Can I solve 2 step word problems involving addition and subtraction, deciding which operations to use and when?

| Rung 18 | COMPLETE | COMPLETE | COMPLETE | |

Can I estimate answers and use inverse operations to check answers to a calculation in the context of a problem?

| Rung 17 | COMPLETE | COMPLETE | COMPLETE | |

Can I solve missing number problems with increasingly large numbers using my knowledge of place value and relationships between operations?

| Rung 16 | COMPLETE | COMPLETE | COMPLETE | |

Can I solve simple scaling problems?
(e.g. twice as long).

| Rung 15 | COMPLETE | COMPLETE | COMPLETE | |

Can I estimate an answer to an addition or subtraction problem and use the inverse to check an answer?

| Rung 14 | COMPLETE | COMPLETE | COMPLETE | |

Can I solve simple correspondence problems? (e.g. 'share 4 cakes equally between 8 children' or '4 hats, 3 coats, how many different outfits?').

| Rung 13 | COMPLETE | COMPLETE | COMPLETE | |

Can I solve 1 step word problems involving multiplication and division?

| Rung 12 | COMPLETE | COMPLETE | COMPLETE | |

Can I solve 1 step word problems involving addition and subtraction (including numbers beyond 100)?

| Rung 11 | COMPLETE | COMPLETE | COMPLETE | |

PROBLEM SOLVING

Can I consistently check that my answers are reasonable in all calculations?

| Rung 30 | COMPLETE | COMPLETE | COMPLETE | |

Can I solve addition and subtraction multi-step problems in context, with increasingly large numbers, deciding with operations to use and why?

| Rung 29 | COMPLETE | COMPLETE | COMPLETE | |

Can I investigate a problem involving place value and properties of number, and present my investigation in a clear and organised way?

| Rung 28 | COMPLETE | COMPLETE | COMPLETE | |

Can I use all 4 operations to solve equivalence statements? (e.g. 5 x ? = 18 + 12).

| Rung 27 | COMPLETE | COMPLETE | COMPLETE | |

Can I solve multi step problems involving a combination of any of the 4 operations?

| Rung 26 | COMPLETE | COMPLETE | COMPLETE | |

Can I solve problems involving multiplication and division including scaling by simple fractions?

| Rung 25 | COMPLETE | COMPLETE | COMPLETE | |

Can I solve division problems, interpreting remainders in a context and adjusting the answer appropriately?

| Rung 24 | COMPLETE | COMPLETE | COMPLETE | |

Can I solve addition and subtraction multi-step problems in context, deciding which operations to use and why?
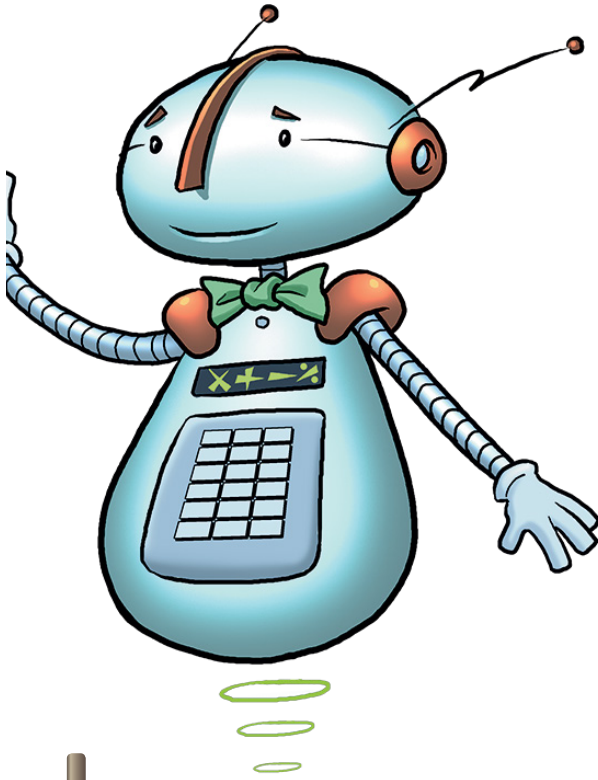
| Rung 23 | COMPLETE | COMPLETE | COMPLETE | |

Can I use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy?

| Rung 22 | COMPLETE | COMPLETE | COMPLETE | |

Can I solve more complex correspondence problems, choosing how to tackle and present the problem clearly? (e.g. 'Share 3 cakes equally between 10 children' or '3 starters, 3 mains, 3 desserts how many meal options?').

| Rung 21 | COMPLETE | COMPLETE | COMPLETE | |

PROBLEM SOLVING

Can I solve real life and financial problems?
(e.g. comparing holiday packages or working out
household bills).

Rung 36	COMPLETE	COMPLETE	COMPLETE	

Can I solve a variety of number problems using
formulae and algebraic equations?

Rung 35	COMPLETE	COMPLETE	COMPLETE	

Can I find pairs of numbers that satisfy an equation
with two unknowns?

Rung 34	COMPLETE	COMPLETE	COMPLETE	

Can I express missing number problems algebraically?

Rung 33	COMPLETE	COMPLETE	COMPLETE	

Can I solve multi-step word problems and
investigations involving all 4 operations from a large
range of contexts?

Rung 32	COMPLETE	COMPLETE	COMPLETE	

Can I round and estimate as a means of predicting and
checking the order of magnitude of my answers to a
decimal calculation?

Rung 31	COMPLETE	COMPLETE	COMPLETE	

MATHS LADDER

PROPERTIES OF NUMBER

Can I identify common factors, common multiples and prime numbers, with increasingly large numbers?			
Rung 10	COMPLETE	COMPLETE	COMPLETE

Can I recognise squared and cubed numbers and use the correct notation?			
Rung 9	COMPLETE	COMPLETE	COMPLETE

Can I recognise and describe linear number sequences including those involving fractions and decimals and find the term to term rule? (e.g. add half).			
Rung 8	COMPLETE	COMPLETE	COMPLETE

Can I work out if a number up to 100 is a prime number and have quick recall of all the prime numbers to 19?			
Rung 7	COMPLETE	COMPLETE	COMPLETE

Can I know and use the vocabulary of prime numbers, prime factor and composite (non-prime) numbers?			
Rung 6	COMPLETE	COMPLETE	COMPLETE

Can I identify multiples and factors including finding all factor pairs of a number and common factors of two numbers?			
Rung 5	COMPLETE	COMPLETE	COMPLETE

Can I use the = sign to write equality statements for addition, subtraction and multiplication?			
Rung 4	COMPLETE	COMPLETE	COMPLETE

Can I recognise patterns across all of the multiplication tables?			
Rung 3	COMPLETE	COMPLETE	COMPLETE

Can I recognise factor pairs of a number and multiples of a single digit number?			
Rung 2	COMPLETE	COMPLETE	COMPLETE

Can I recognise patterns in some multiplication tables? (2, 5, 10, 4 and 8).			
Rung 1	COMPLETE	COMPLETE	COMPLETE

PROPERTIES OF NUMBER
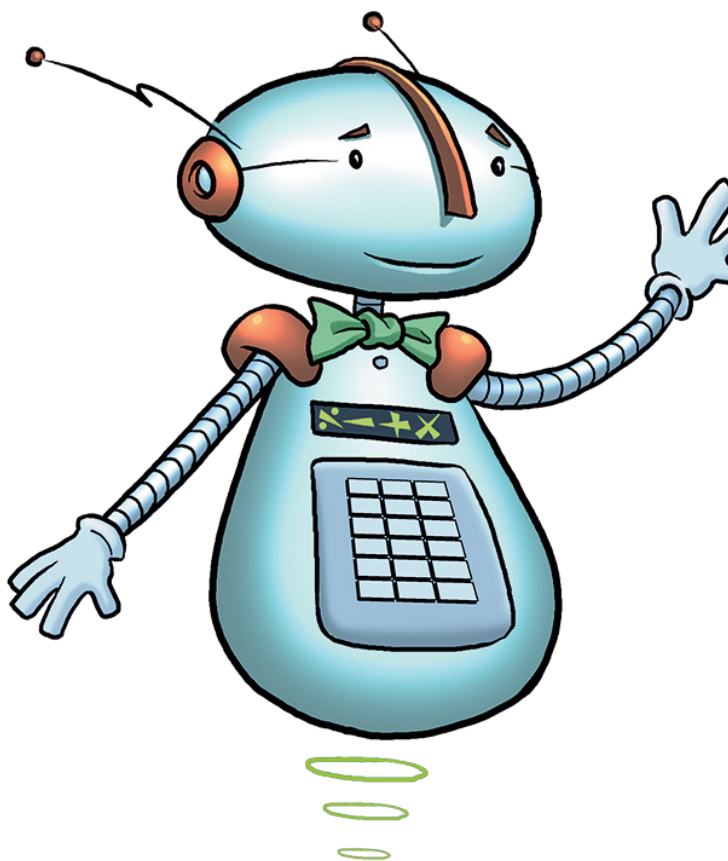
Can I identify the region for solutions of square roots (not square numbers) and use this as a starting point for trial and improvement?				
Rung 15	COMPLETE	COMPLETE	COMPLETE	

Can I identify square roots and cube roots which give integer solutions? (whole number answers).				
Rung 14	COMPLETE	COMPLETE	COMPLETE	

Can I make generalisations about number patterns and express them algebraically?				
Rung 13	COMPLETE	COMPLETE	COMPLETE	

Can I generate and describe linear number sequences?				
Rung 12	COMPLETE	COMPLETE	COMPLETE	

Can I explore the order of operations using brackets?				
Rung 11	COMPLETE	COMPLETE	COMPLETE	

MATHS LADDER

MEASURES

Can I compare and order measures and record using < > and =?

| Rung 10 | COMPLETE | COMPLETE | COMPLETE | |

Can I find different combinations of coins that equal the same amounts?

| Rung 9 | COMPLETE | COMPLETE | COMPLETE | |

Can I combine amounts to make a particular value? e.g. make 3p using a 2p and 1p.

| Rung 8 | COMPLETE | COMPLETE | COMPLETE | |

Can I recognise and use symbols for £ and p?

| Rung 7 | COMPLETE | COMPLETE | COMPLETE | |

Can I choose appropriate units of measure to estimate length, height, mass and capacity?

| Rung 6 | COMPLETE | COMPLETE | COMPLETE | |

Can I measure using appropriate equipment? (e.g. ruler, weighing scales, measuring jug).

| Rung 5 | COMPLETE | COMPLETE | COMPLETE | |

Can I recognise and know the value of different coins and notes?

| Rung 4 | COMPLETE | COMPLETE | COMPLETE | |

Can I compare, describe, measure and record weight and mass?

| Rung 3 | COMPLETE | COMPLETE | COMPLETE | |

Can I compare, describe, measure and record capacity and volume?

| Rung 2 | COMPLETE | COMPLETE | COMPLETE | |

Can I compare, describe, measure and record length and height?

| Rung 1 | COMPLETE | COMPLETE | COMPLETE | |

MEASURES

Can I convert between different units of measure using my understanding of multiplying and dividing by 10, 100 and 1000?

| Rung 20 | COMPLETE | COMPLETE | COMPLETE | |

Can I estimate, compare and calculate measures in a variety of contexts?

| Rung 19 | COMPLETE | COMPLETE | COMPLETE | |

Can I convert between units of measure using multiplication and division and, where appropriate, record with decimal notation?

| Rung 18 | COMPLETE | COMPLETE | COMPLETE | |

Can I convert between units of measure with the support of measuring instruments and, where appropriate, record with decimal notation?

| Rung 17 | COMPLETE | COMPLETE | COMPLETE | |

Can I use both £ and p in context and recognise equivalence? (e.g. 306p = £3.06).

| Rung 16 | COMPLETE | COMPLETE | COMPLETE | |

Can I read measures in mixed units and convert simple whole units of measure? (e.g. 5m = 500cm).

| Rung 15 | COMPLETE | COMPLETE | COMPLETE | |

Can I solve problems involving measures, including simple problems for scale? (e.g. twice as high).

| Rung 14 | COMPLETE | COMPLETE | COMPLETE | |

Can I add and subtract amounts of money to give change, using both £ and p in practical contexts?

| Rung 13 | COMPLETE | COMPLETE | COMPLETE | |

Can I compare, add and subtract measures?

| Rung 12 | COMPLETE | COMPLETE | COMPLETE | |

Can I read measuring instruments with increasing accuracy?

| Rung 11 | COMPLETE | COMPLETE | COMPLETE | |

MEASURES

Can I understand compound units for speed and use them in context? (e.g. science experiments).				
Rung 29	COMPLETE	COMPLETE	COMPLETE	

Can I convert between miles and km?				
Rung 28	COMPLETE	COMPLETE	COMPLETE	

Can I recognise when it is possible to use formulae to calculate volume?				
Rung 27	COMPLETE	COMPLETE	COMPLETE	

Can I calculate, estimate and compare volume of cubes and cuboids using standard units? (e.g. cm^3).				
Rung 26	COMPLETE	COMPLETE	COMPLETE	

Can I solve problems involving the calculation and conversion of units of measure using decimal notation up to three decimal places?				
Rung 25	COMPLETE	COMPLETE	COMPLETE	

Can I use, read, write and convert between standard units of measure using decimal notation up to 3 decimal places?				
Rung 24	COMPLETE	COMPLETE	COMPLETE	

Can I understand and use approximate equivalences between metric units and common imperial units? (inches, pounds, pints).				
Rung 23	COMPLETE	COMPLETE	COMPLETE	

Can I estimate volume and capacity and explore these concepts using practical materials?				
Rung 22	COMPLETE	COMPLETE	COMPLETE	

Can I use all 4 operations to solve problems involving length, mass, capacity and scaling?				
Rung 21	COMPLETE	COMPLETE	COMPLETE	

MATHS LADDER

TIME

Can I understand and use vocabulary such as o'clock, am, pm, noon and midnight?

| Rung 10 | COMPLETE | COMPLETE | COMPLETE | |

Can I use the vocabulary of time and know the number of seconds in a minute, days in each month, year and leap year?

| Rung 9 | COMPLETE | COMPLETE | COMPLETE | |

Can I tell and write the time to 5 minutes and draw the hands on a clock face to show these times?

| Rung 8 | COMPLETE | COMPLETE | COMPLETE | |

Can I read and write the time on an analogue clock for quarter past and quarter to?

| Rung 7 | COMPLETE | COMPLETE | COMPLETE | |

Can I compare and sequence different times?

| Rung 6 | COMPLETE | COMPLETE | COMPLETE | |

Can I show that I know how many hours there are in a day and how many minutes there are in an hour?

| Rung 5 | COMPLETE | COMPLETE | COMPLETE | |

Can I read and write the time on an analogue clock for o'clock and half past?

| Rung 4 | COMPLETE | COMPLETE | COMPLETE | |

Can I compare, describe, measure and record time (hours, minutes, seconds) and use the language quicker, slower, earlier, later?

| Rung 3 | COMPLETE | COMPLETE | COMPLETE | |

Can I recognise and use language relating to dates including days of the week, months and the term 'year'?

| Rung 2 | COMPLETE | COMPLETE | COMPLETE | |

Can I sequence events in chronological order using before, after, today, tomorrow etc?

| Rung 1 | COMPLETE | COMPLETE | COMPLETE | |

TIME

Can I solve problems involving time, including reading simple timetables?

Rung 20	COMPLETE	COMPLETE	COMPLETE	

Can I solve problems which involve converting between units of time? (e.g. expressing the answer as days and weeks).

Rung 19	COMPLETE	COMPLETE	COMPLETE	

Can I convert hours to minutes, minutes to seconds, years to months or weeks to days?

Rung 18	COMPLETE	COMPLETE	COMPLETE	

Can I solve problems involving calculating lengths of time?

Rung 17	COMPLETE	COMPLETE	COMPLETE	

Can I read, write and convert time between analogue and digital 12 and 24 hour clocks?

Rung 16	COMPLETE	COMPLETE	COMPLETE	

Can I read the time on a 24 hour digital clock?

Rung 15	COMPLETE	COMPLETE	COMPLETE	

Can I read the time on a digital clock (12 hour) and compare to an analogue clock?

Rung 14	COMPLETE	COMPLETE	COMPLETE	

Can I calculate and compare time durations?

Rung 13	COMPLETE	COMPLETE	COMPLETE	

Can I read and write the time to the nearest minute on an analogue clock?

Rung 12	COMPLETE	COMPLETE	COMPLETE	

Can I record time in seconds, minutes and hours and compare the lengths of time? (e.g. which is longer).

Rung 11	COMPLETE	COMPLETE	COMPLETE	

MATHS LADDER

PERIMETER AND AREA

Can I investigate relationships between area and perimeter? (e.g. shapes with the same area can have different perimeters and vice versa).

| Rung 10 | COMPLETE | COMPLETE | COMPLETE | |

Can I find unknown lengths on rectilinear shapes using my understanding of perimeter and area?

| Rung 9 | COMPLETE | COMPLETE | COMPLETE | |

Can I calculate and compare the area of rectangles using cm2; and m2; including from scale drawings?

| Rung 8 | COMPLETE | COMPLETE | COMPLETE | |

Can I estimate the area of irregular shapes?

| Rung 7 | COMPLETE | COMPLETE | COMPLETE | |

Can I measure and calculate the area of shapes that need to be divided into rectangles (composite rectilinear shapes) in cm^2; and m^2?

| Rung 6 | COMPLETE | COMPLETE | COMPLETE | |

Can I measure and calculate the perimeter of shapes that need to be divided into rectangles (composite rectilinear shapes) in cm and m?

| Rung 5 | COMPLETE | COMPLETE | COMPLETE | |

Can I calculate the area of rectangles using multiplication?

| Rung 4 | COMPLETE | COMPLETE | COMPLETE | |

Can I find the area of rectangles by counting squares?

| Rung 3 | COMPLETE | COMPLETE | COMPLETE | |

Can I calculate the perimeter of rectangles including squares?

| Rung 2 | COMPLETE | COMPLETE | COMPLETE | |

Can I measure the perimeter of simple 2D shapes?

| Rung 1 | COMPLETE | COMPLETE | COMPLETE | |

PERIMETER AND AREA
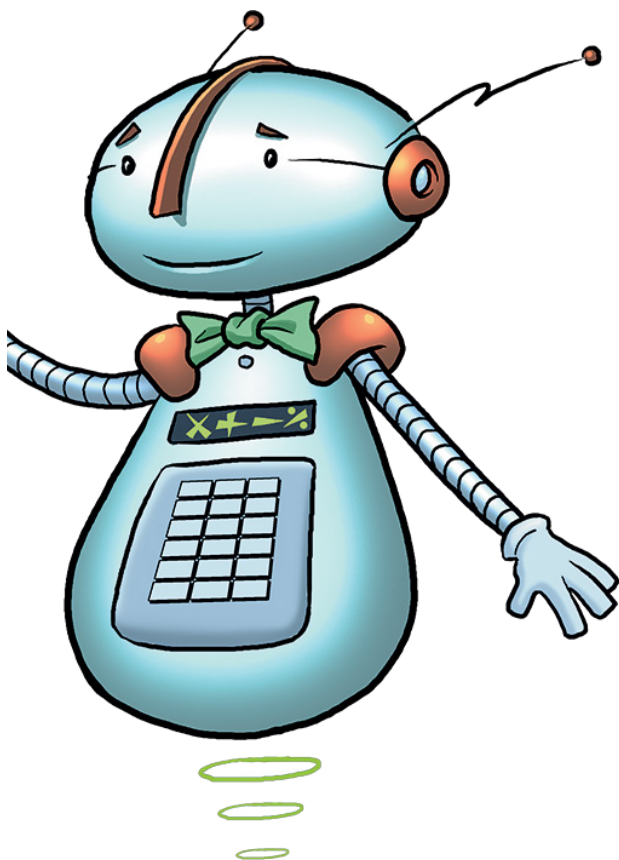
Can I calculate area and perimeter of compound shapes including parallelograms and triangles?				
Rung 13	COMPLETE	COMPLETE	COMPLETE	

Can I recognise when it is possible to use formulae to calculate area?				
Rung 12	COMPLETE	COMPLETE	COMPLETE	

Can I calculate the area of parallelograms and triangles?				
Rung 11	COMPLETE	COMPLETE	COMPLETE	

STATISTICS

Can I interpret data presented in a range of graphical representations with a greater range of scales?

Rung 10	COMPLETE	COMPLETE	COMPLETE	

Can I solve 2 step problems using the information presented in charts and graphs? (e.g. How many more/fewer?).

Rung 9	COMPLETE	COMPLETE	COMPLETE	

Can I solve one step problems using the information presented in charts and graphs?

Rung 8	COMPLETE	COMPLETE	COMPLETE	

Can I present data in charts and graphs, including using a scale of 2, 5 and 10?

Rung 7	COMPLETE	COMPLETE	COMPLETE	

Can I interpret data in charts and graphs, including reading a scale of 2, 5 and 10?

Rung 6	COMPLETE	COMPLETE	COMPLETE	

Can I answer questions by comparing information in simple bar charts? (e.g. Which has the most? How much altogether?).

Rung 5	COMPLETE	COMPLETE	COMPLETE	

Can I interpret and construct simple pictograms and block diagrams?

Rung 4	COMPLETE	COMPLETE	COMPLETE	

Can I interpret and construct simple tally charts and tables?

Rung 3	COMPLETE	COMPLETE	COMPLETE	

Can I answer simple questions about quantities from looking at pictograms and block charts (scale of 1 or 2)?

Rung 2	COMPLETE	COMPLETE	COMPLETE	

Can I answer simple questions about quantities from looking at tally charts and simple tables?

Rung 1	COMPLETE	COMPLETE	COMPLETE	

STATISTICS

Can I solve problems using the data from line graphs (including conversion graphs) and pie charts including ones I have constructed myself?

Rung 20	COMPLETE	COMPLETE	COMPLETE	

Can I construct a pie chart?

Rung 19	COMPLETE	COMPLETE	COMPLETE	

Can I interpret a pie chart?

Rung 18	COMPLETE	COMPLETE	COMPLETE	

Can I decide which representations of data are most appropriate and explain why?

Rung 17	COMPLETE	COMPLETE	COMPLETE	

Can I complete, read and interpret information presented in tables and other graphical representations?

Rung 16	COMPLETE	COMPLETE	COMPLETE	

Can I solve comparison, sum and difference problems using information presented in line graphs?

Rung 15	COMPLETE	COMPLETE	COMPLETE	

Can I solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs?

Rung 14	COMPLETE	COMPLETE	COMPLETE	

Can I present continuous data in the form of time (line) graphs recognising that it is recording a change over time?

Rung 13	COMPLETE	COMPLETE	COMPLETE	

Can I interpret continuous data in the form of time (line) graphs, recognising that it is recording a change over time?

Rung 12	COMPLETE	COMPLETE	COMPLETE	

Can I present discrete data using appropriate graphical methods?

Rung 11	COMPLETE	COMPLETE	COMPLETE	

STATISTICS
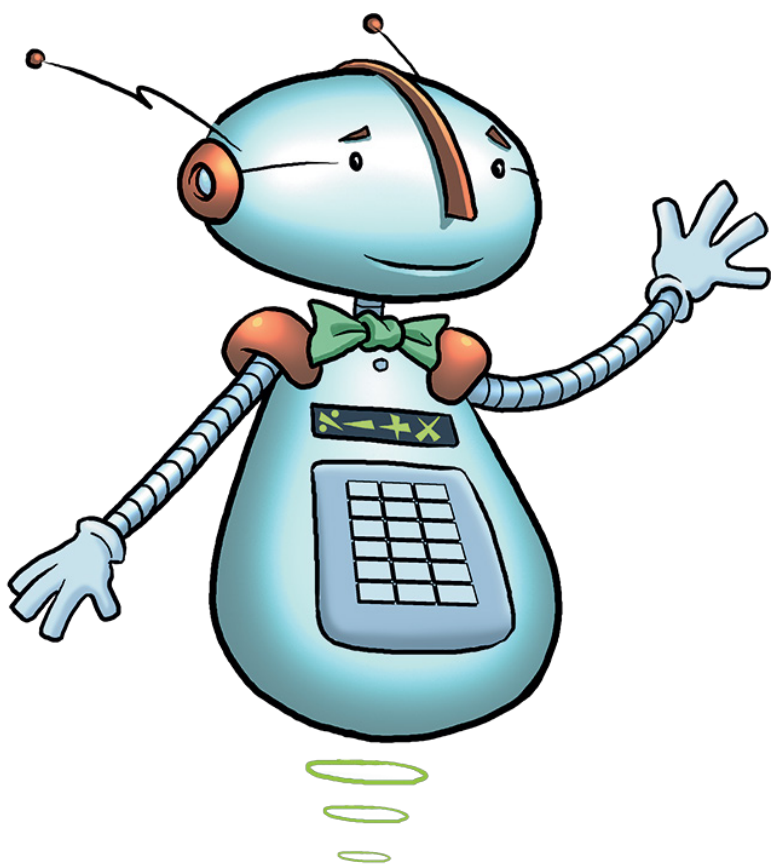
Can I calculate the probability of an independent event?			
Rung 24	COMPLETE	COMPLETE	COMPLETE

Can I interpret continuous data in the form of time (line) graphs recognising that it is recording a change over time?			
Rung 23	COMPLETE	COMPLETE	COMPLETE

Can I read and interpret linear proportional graphs? (e.g. speed).			
Rung 22	COMPLETE	COMPLETE	COMPLETE

Can I calculate the mean as an average and understand when it is appropriate to find the mean of a set of data?			
Rung 21	COMPLETE	COMPLETE	COMPLETE

SHAPE

Can I draw 2D shapes and describe them using my knowledge of sides and angles?

| Rung 10 | COMPLETE | COMPLETE | COMPLETE | |

Can I recognise right angles in 2D shapes and say if an angle is greater or less than a right angle?

| Rung 9 | COMPLETE | COMPLETE | COMPLETE | |

Can I identify right angles and describe how right angles can make up 1/4, 1/2, 3/4 and a whole turn?

| Rung 8 | COMPLETE | COMPLETE | COMPLETE | |

Can I identify horizontal and vertical lines and pairs of perpendicular and parallel lines?

| Rung 7 | COMPLETE | COMPLETE | COMPLETE | |

Can I compare and sort common 2D and 3D shapes and everyday objects?

| Rung 6 | COMPLETE | COMPLETE | COMPLETE | |

Can I identify 2D shapes on the surface of 3D shapes? (e.g. a circle on a cylinder).

| Rung 5 | COMPLETE | COMPLETE | COMPLETE | |

Can I identify, describe and sort 3D shapes by talking about the number of faces, edges and vertices?

| Rung 4 | COMPLETE | COMPLETE | COMPLETE | |

Can I identify, describe and sort 2D shapes by naming them, talking about the number of sides and showing a vertical line of symmetry?

| Rung 3 | COMPLETE | COMPLETE | COMPLETE | |

Can I recognise and name common 3D shapes? (cuboid, cube, pyramid, sphere).

| Rung 2 | COMPLETE | COMPLETE | COMPLETE | |

Can I recognise and name common 2D shapes? (rectangle, circle, square, triangle).

| Rung 1 | COMPLETE | COMPLETE | COMPLETE | |

MATHS LADDER

SHAPE

Can I identify regular and irregular shapes using my knowledge of length of sides and angles?

| Rung 20 | COMPLETE | COMPLETE | COMPLETE | |

Can I draw and measure given angles in degrees?

| Rung 19 | COMPLETE | COMPLETE | COMPLETE | |

Can I identify and compare acute, obtuse and reflex angles?

| Rung 18 | COMPLETE | COMPLETE | COMPLETE | |

Can I identify lines of symmetry in 2D shapes presented in different orientations?

| Rung 17 | COMPLETE | COMPLETE | COMPLETE | |

Can I complete symmetrical shapes and patterns using a specific line of symmetry?

| Rung 16 | COMPLETE | COMPLETE | COMPLETE | |

Can I name, describe and sort a variety of quadrilaterals and triangles based on their properties?

| Rung 15 | COMPLETE | COMPLETE | COMPLETE | |

Can I identify and name acute and obtuse angles?

| Rung 14 | COMPLETE | COMPLETE | COMPLETE | |

Can I compare and order angles?

| Rung 13 | COMPLETE | COMPLETE | COMPLETE | |

Can I recognise a 3D shape in different orientations?

| Rung 12 | COMPLETE | COMPLETE | COMPLETE | |

Can I make 3D shapes using modelling materials, and name and describe their properties?

| Rung 11 | COMPLETE | COMPLETE | COMPLETE | |

MATHS LADDER

SHAPE

Can I solve problems using my knowledge of circle properties?

| Rung 30 | COMPLETE | COMPLETE | COMPLETE | |

Can I recognise vertically opposite angles and use this to calculate missing angles?

| Rung 29 | COMPLETE | COMPLETE | COMPLETE | |

Can I illustrate and name parts of a circle including radius, diameter and circumference and know that diameter is twice the radius?

| Rung 28 | COMPLETE | COMPLETE | COMPLETE | |

Can I compare and classify geometric shapes based on their size and properties and can find unknown angles in any triangle, quadrilateral or regular polygon?

| Rung 27 | COMPLETE | COMPLETE | COMPLETE | |

Can I recognise, describe and build simple 3D shapes, including making nets?

| Rung 26 | COMPLETE | COMPLETE | COMPLETE | |

Can I accurately draw 2D shapes using given angles and dimensions?

| Rung 25 | COMPLETE | COMPLETE | COMPLETE | |

Can I find missing lengths and angles in rectangles using my knowledge of related facts?

| Rung 24 | COMPLETE | COMPLETE | COMPLETE | |

Can I find missing lengths and angles in rectangles using my knowledge of related facts?

| Rung 23 | COMPLETE | COMPLETE | COMPLETE | |

Can I calculate missing angles on a straight line (180°) or at a point (360°) or within a right angle (90°)?

| Rung 22 | COMPLETE | COMPLETE | COMPLETE | |

Can I identify 3D shapes from 2D representations?

| Rung 21 | COMPLETE | COMPLETE | COMPLETE | |

MATHS LADDER

POSITION AND DIRECTION

Can I identify, describe and draw the position of a shape on a grid after a translation?				
Rung 10	COMPLETE	COMPLETE	COMPLETE	

Can I identify, describe and draw the position of a shape on a grid after a reflection on a line parallel to the axis?				
Rung 9	COMPLETE	COMPLETE	COMPLETE	

Can I translate shapes on a grid and describe the movement using left/right, up/down?				
Rung 8	COMPLETE	COMPLETE	COMPLETE	

Can I complete polygons by giving a missing co-ordinate on a grid?				
Rung 7	COMPLETE	COMPLETE	COMPLETE	

Can I use co-ordinates to plot a shape on a grid? (1st quarter).				
Rung 6	COMPLETE	COMPLETE	COMPLETE	

Can I describe positions on a 2D grid?				
Rung 5	COMPLETE	COMPLETE	COMPLETE	

Can I distinguish between rotation as a turn and in terms of right angles for quarter, half and three quarter turns?				
Rung 4	COMPLETE	COMPLETE	COMPLETE	

Can I use mathematical vocabulary to describe position, direction and movement including movement in a straight line?				
Rung 3	COMPLETE	COMPLETE	COMPLETE	

Can I order and arrange groups of mathematical objects in patterns and sequences?				
Rung 2	COMPLETE	COMPLETE	COMPLETE	

Can I describe position, direction and movement including whole, 1/2, 1/4 and 3/4?				
Rung 1	COMPLETE	COMPLETE	COMPLETE	

POSITION AND DIRECTION

Can I express missing co-ordinates algebraically?				
Rung 15	COMPLETE	COMPLETE	COMPLETE	

Can I predict missing co-ordinates using the properties of shapes?				
Rung 14	COMPLETE	COMPLETE	COMPLETE	

Can I reflect simple shapes in the axes?				
Rung 13	COMPLETE	COMPLETE	COMPLETE	

Can I draw and translate simple shapes on a 4 quadrant grid?				
Rung 12	COMPLETE	COMPLETE	COMPLETE	

Can I label the axes of a grid in all 4 quadrants and describe a position on the grid?				
Rung 11	COMPLETE	COMPLETE	COMPLETE	

MATHS LADDER

PLACE VALUE

Can I read and write numbers up to 1000 in numerals and words?

Rung 10	COMPLETE	COMPLETE	COMPLETE	

Can I understand the value of each digit in a 3 digit number?

Rung 9	COMPLETE	COMPLETE	COMPLETE	

Can I count in tens from any number including crossing boundaries into hundreds?

Rung 8	COMPLETE	COMPLETE	COMPLETE	

Can I compare and order numbers from 0 up to 100 using > < and = signs?

Rung 7	COMPLETE	COMPLETE	COMPLETE	

Can I understand the value of each digit in a 2 digit number?

Rung 6	COMPLETE	COMPLETE	COMPLETE	

Can I continue simple number sequences and shape patterns?

Rung 5	COMPLETE	COMPLETE	COMPLETE	

Can I identify odd and even numbers up to 20?

Rung 4	COMPLETE	COMPLETE	COMPLETE	

Can I identify one more/one less from a given number?

Rung 3	COMPLETE	COMPLETE	COMPLETE	

Can I read and write numbers from 1 to 100 in numerals?

Rung 2	COMPLETE	COMPLETE	COMPLETE	

Can I read and write numbers from 1 to 20 in numerals and words?

Rung 1	COMPLETE	COMPLETE	COMPLETE	

MATHS LADDER

PLACE VALUE

Can I round any number up to 1,000,000 to the nearest 10, 100, 1000, 10,000 and 100,000?				
Rung 20	COMPLETE	COMPLETE	COMPLETE	

Can I read, write, order and compare numbers to 1 000 000 (1 million) and determine the value of each digit?				
Rung 19	COMPLETE	COMPLETE	COMPLETE	

Can I count backwards through zero to include negative numbers?				
Rung 18	COMPLETE	COMPLETE	COMPLETE	

Can I round any whole number to the nearest 10, 100 or 1000?				
Rung 17	COMPLETE	COMPLETE	COMPLETE	

Can I say 1000 more or less than any given number?				
Rung 16	COMPLETE	COMPLETE	COMPLETE	

Can I compare and order numbers beyond 1000?				
Rung 15	COMPLETE	COMPLETE	COMPLETE	

Can I represent numbers in different ways? (e.g. words, numerals, base 10, etc).				
Rung 14	COMPLETE	COMPLETE	COMPLETE	

Can I understand the value of each digit in a 4 digit number?				
Rung 13	COMPLETE	COMPLETE	COMPLETE	

Can I count in tens and hundreds and can I add or subtract 10 or 100 from any given number up to 1000?				
Rung 12	COMPLETE	COMPLETE	COMPLETE	

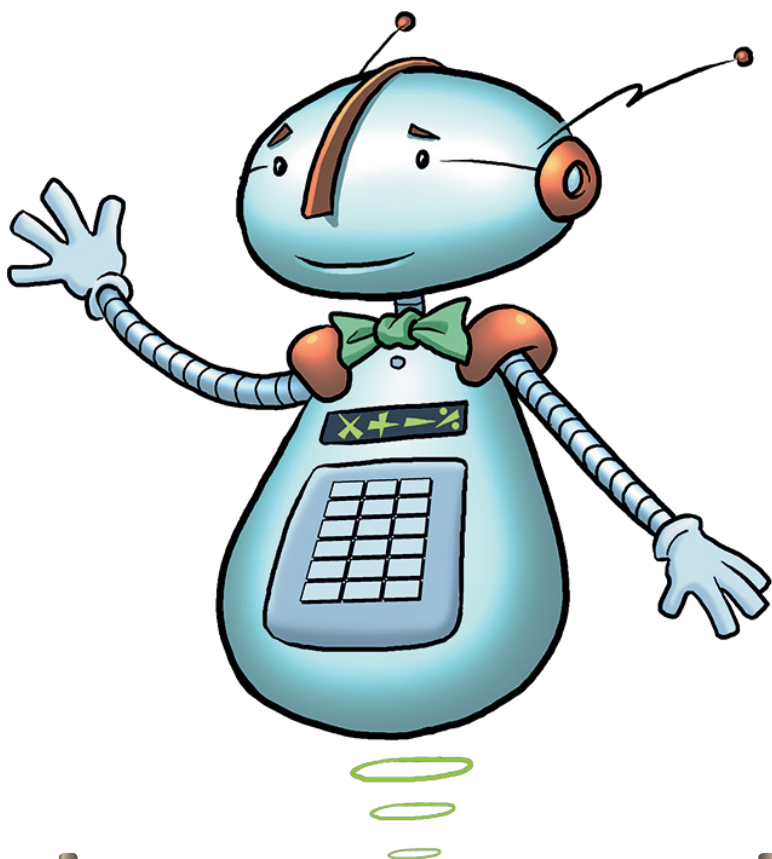|				
Can I compare and order numbers up to 1000?				
Rung 11	COMPLETE	COMPLETE	COMPLETE	

PLACE VALUE

Can I use negative numbers in context and calculate intervals across zero?			
Rung 25	COMPLETE	COMPLETE	COMPLETE

Can I round any whole number to a required degree of accuracy?			
Rung 24	COMPLETE	COMPLETE	COMPLETE

Can I read, write, order and compare numbers up to 10,000,000 and determine the value of each digit?			
Rung 23	COMPLETE	COMPLETE	COMPLETE

Can I interpret negative numbers in context?			
Rung 22	COMPLETE	COMPLETE	COMPLETE

Can I count forwards and backwards in steps of powers of 10 for any given number up to 1,000,000?			
Rung 21	COMPLETE	COMPLETE	COMPLETE

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