

KEY OBJECTIVES : Numeracy : Year 6 (ages 10-11)

Using and applying Maths

Date Completed

Solve multi-step problems involving fractions, decimals and percentages; choose and use appropriate calculation strategies, including using a calculator.	
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Counting and understanding number

Express one quantity as a percentage of another, e.g. £400 as a % of £1000 ; find equivalent percentages, decimals and fractions.	
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Use decimal notation for tenths, hundredths and thousandths; partition , round and order decimals and position them on a number line.	
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Find the difference between a positive and negative integer, or two negative integers , in context.	
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Knowing and using number facts

Use place value and mult. facts to 10x10 to derive mult. and div. facts involving decimals, eg. 0.8×7 ; derive squares of numbers to 12x12.	
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.Recognise that prime numbers have only two factors and identify prime numbers less than 100.	
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Calculating

Use efficient written methods to add and subtract integers and decimals, to mult. and divide integers and decimals by a 1 digit integer and to mult. 2 and 3 digit integers by a 2 digit integer.	
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Find fractions and % of whole number quantities.	
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Understanding shape

Visualise and draw on grids of different types where a shape will be after reflection , translations or rotations through 90° or 180° about its centre or one of its vertices.	
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Estimate angles and use a protractor to measure and draw them, on their own and in shapes; calculate angles in a triangle or around a point.	
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Measuring

Select and use standard metric units of measure and convert between units using decimals to two places, eg. change 2,75litres to 2750ml.	
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Calculate the perimeter and area of rectilinear shapes; estimate the area of irregular shapes by counting squares.	
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Handling data

Solve problems by collecting, selecting, processing, presenting and interpreting data, using ICT where appropriate; draw conclusions and make further questions.	
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Construct and interpret frequency tables, bar charts with grouped discrete data and line graphs; interpret pie charts ; describe and interpret results and solutions to problems using the mode, median and mean.	
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