

FUNCTIONAL SKILLS MATHS TOPIC

CHECKLIST LEVEL 1

Number
Place Value of a number and ordering numbers
Multiply and divide a number by 10,100 and 1000
Round a number to the nearest 10,100, 1000 and 1dp and 2dp
Estimate an answer to a question
Complete an inverse calculation
Know the 4 rules of number
Identify a fraction a shape/ identify equivalent fractions
Simplify a fraction/find fraction of an amount
Make the link between fractions, decimals and percentages
Use FDP in functional problems
Complete calculations with multiple operators (BODMAS)
Calculate the squares of one and two-digit numbers
Use simple formulas
Space and Shape
2D and 3D shapes
Nets 3D shape
Measure an angle of a 2D shape
Identify the lines of symmetry on a 2D shape
Recognise imperial and metric units of measure
Understand units of metric measure
Know ratio and proportion and use in functional problems
Scale up and down to draw plans and find distances on maps
Interpret plans and elevations of 3D shapes
Calculate the missing angle in a triangle
Create a net of a 3D shape
Read different measures on different scales
Work out perimeter and area of regular and compound shapes
Calculate the volume of a cube and/or cuboid
Calculate speed, distance and time.
Data Handling
Create a summary table/bar chart/line graph/pie chart
Create a bar chart using grouped data
Calculate the mean and range of a set of data (and interpret)
Tell the time in the 12 and 24hr clock (add and subtract)
Read a timetable
Calculate the probability of an event occurring
Show probability of an event occurring as a fraction, decimal, percentage and in words
Show the probability of an event occurring on a probability line

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