Calculate volume of a prism.	Know and use Pythagoras' Theorem.
Calculate external and internal angles of regular polygons.	Translate shapes, using a vector.
Describe the Rotation, Reflection or Enlargement of a shape.	Construct triangles, perpendicular lines and angle bisectors.
Draw the locus of an object.	Calculate the midpoint of a line segment.
Calculate mean, median, mode and range from data in a diagram.	Describe the correlation of a scatter graph.
Write and justify appropriate questions for a questionnaire.	Find all of the outcomes of an experiment and write the probability of an event.

UNITED KINGDOM OF
GREAT BRITAIN
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PASSPORT

TO GCSE GRADE C

~*~

Name: _____

Mr Slack

Add, Subtract, Multiply and Divide Integers.	Add, Subtract Multiply and Divide Decimals.
Round to significant figures and estimate answers.	Write the prime decomposition of a number.
Find the HCF and LCM of two numbers.	Work with indices.
Add, subtract, multiply and divide fractions.	Convert between Fractions, Decimals and Percentages.
Calculate Percentage increase or decrease.	Share an amount into a ratio.
Calculate the Square-root and Cube-root of a number.	Write the Reciprocal of a number.

Factorise an expression.	Expand brackets, such as $3a(3a + b)$.
Set up and solve a linear equation.	Use trial and improvement.
Change the subject of an equation.	Write and use an nth term.
Solve an inequality.	Plot linear graphs and use words like gradient and intercept.
Plot a quadratic graph.	Interpret real-life graphs showing things like a jug filling with water.
Calculate area and circumference of a circle.	Calculate surface area of a prism.