

Maths

Whole Numbers and Calculations



What will students study?

Students will be learning, recapping and expanding on the fundamentals of whole number.

Topics include:

- ❖ Place value
- ❖ Multiplication and division
- ❖ Factors, primes and multiples
- ❖ Squares, cubes and roots
- ❖ Negative numbers
- ❖ Venn and Carroll diagrams
- ❖ BIDMAS

What will homework be?

Homework will be set weekly by the class teacher. The homework is designed to consolidate the knowledge and skills learned in the lesson. Tasks will generally be set from a textbook that will be loaned to a pupil for the duration of the school year and in a designated homework book. Students are expected to revise thoroughly for assessments in addition to homework, using their notes, mathswatch login and knowledge organisers to assist them.

How you can help?

To support your child please use the knowledge organisers to develop topic recall. To assist with homework and understanding of topics, all pupils also have a mathswatch login with details, for example joe15@hackneynewsc.... has

Username: @joe15

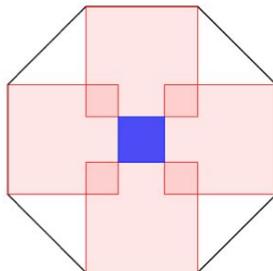
Password: joe15

This can be accessed at <https://vle.mathswatch.co.uk/vle/>

CGP revision guides and workbooks are also available to purchase via school money at the discounted rate of £5 for the pair.

Maths

Fractions, Decimals and Percentages



What will students study?

Students will be recapping and developing their work with decimal notation and working between fractions, decimals and percentages.

Topics include:

- ❖ Place value
- ❖ Calculating with decimals
- ❖ Rounding
- ❖ Standard form
- ❖ Fractions
- ❖ Fraction, decimal and percentage conversions

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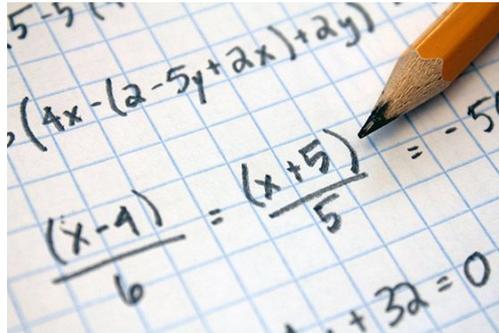
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Algebra



What will students study?

Students will be studying the rules of algebra.

Topics include:

- ❖ Coordinates
- ❖ Algebraic expressions
- ❖ Solving equations
- ❖ Sequences

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Data



What will students study?

Students will be studying different ways of displaying and interpreting data.

Topics include:

- ❖ Types of data
- ❖ Data display
- ❖ Averages

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Geometry and Measurement



What will students study?

Students will be studying different concepts in geometry and measurement.

Topics include:

- ❖ Time
- ❖ Measurement
- ❖ Recognising angles
- ❖ Polygons
- ❖ Angles
- ❖ Constructions

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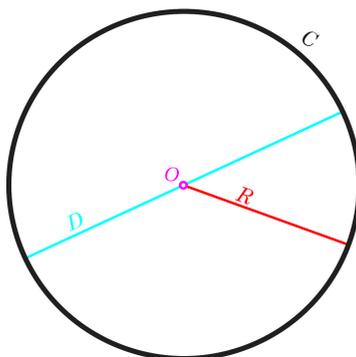
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Further Geometry



What will students study?

Students will be studying more advanced concepts in geometry.

Topics include:

- ❖ Area
- ❖ Perimeter
- ❖ Circles
- ❖ Transformations

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