HALL MEAD
SCHOOL

Mathematics

Year 7 Transition, Departmental Information

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Welcome to Mathematics!

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Meet the maths team

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Mr Hooper

Miss Towey

Mrs Ruschova

Mrs Pasquale

Miss Carpenter

Miss Prabaharan

Mr Seager

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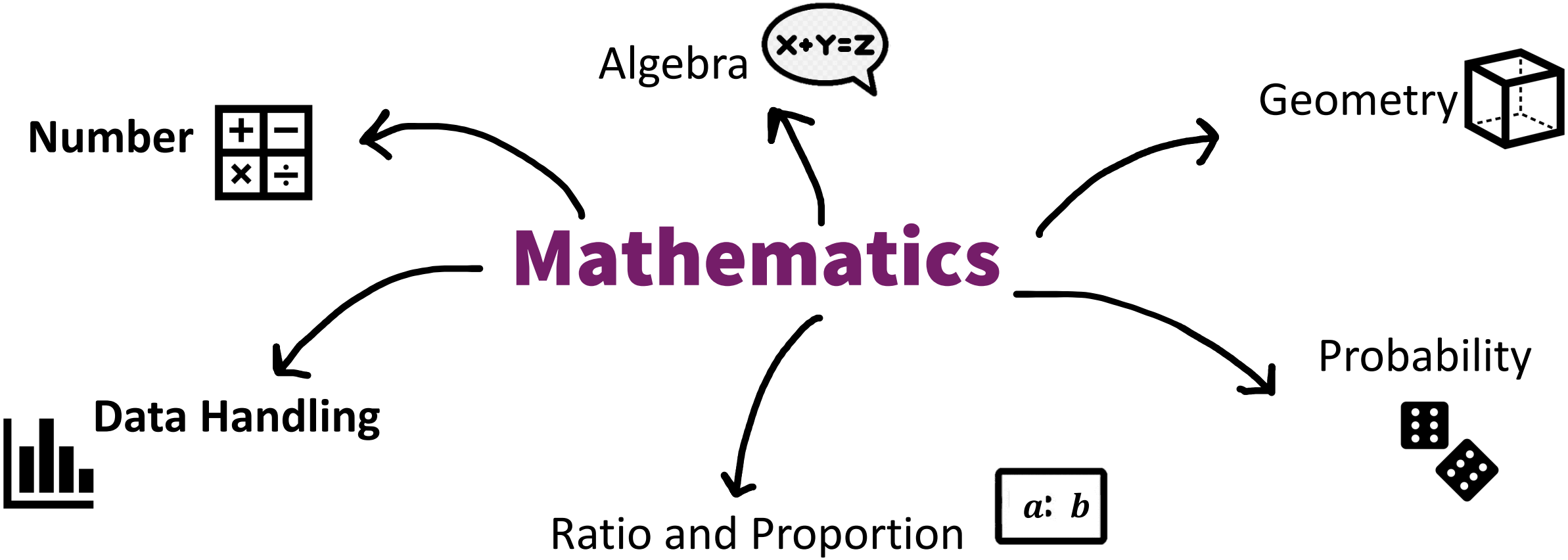
Here at Hall Mead, Mathematics is divided into different strands of learning.



Your mathematics journey

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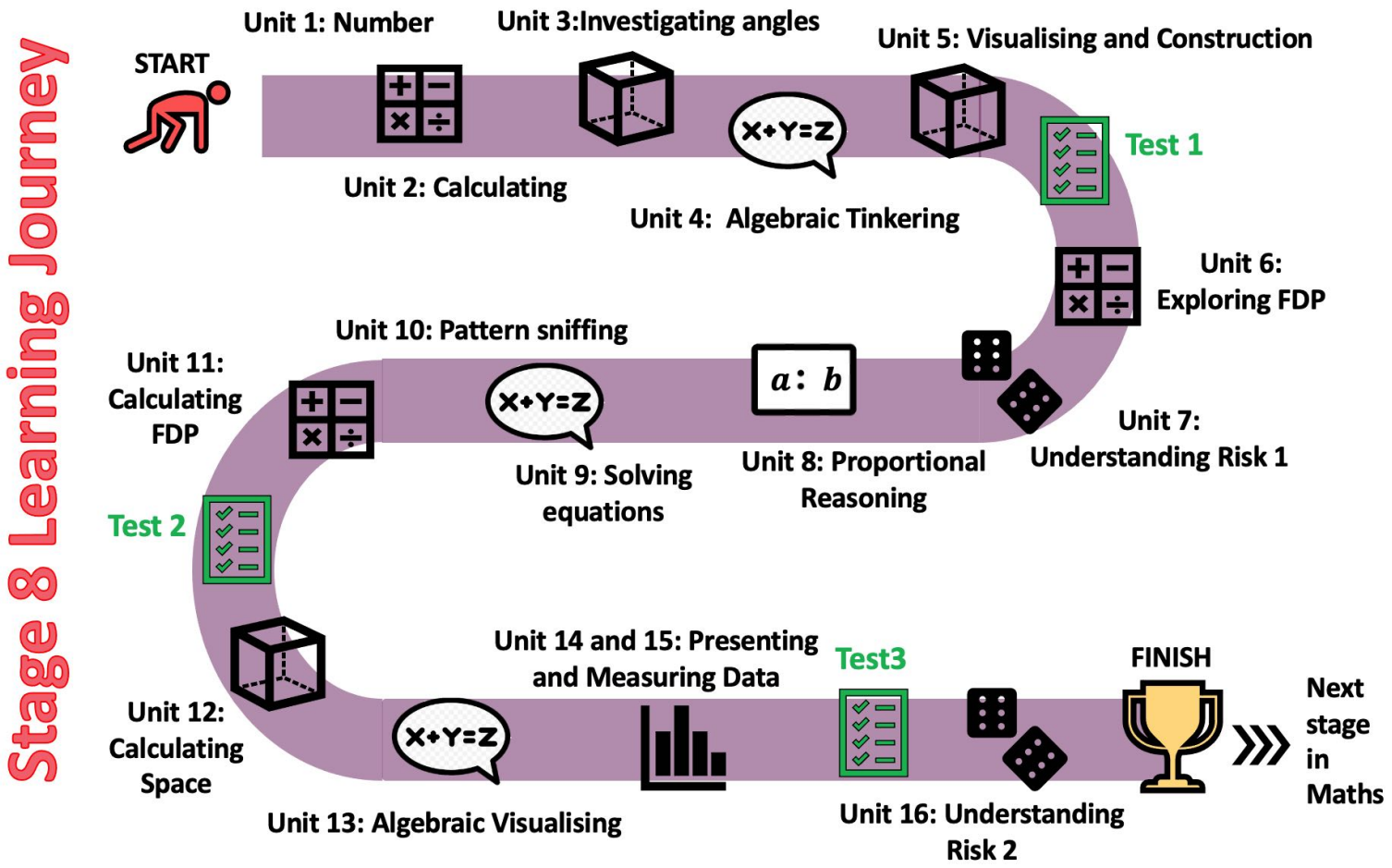
This is a learning journey specific to Set 1 Year 7, however your mathematics journey will still explore the different strands in the same structure.



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What we expect from you

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- To always put in 100% effort in everything that you do, whether that is your classwork, homework or your work presentation.
- Never to give up! We cannot always understand everything first time, and there will be times where we get things wrong! It is how we try to overcome this, by asking questions and for help, which makes us good learners.
- Show respect for the teacher and the other learners at all times.

We take pride in our work at Hall Mead

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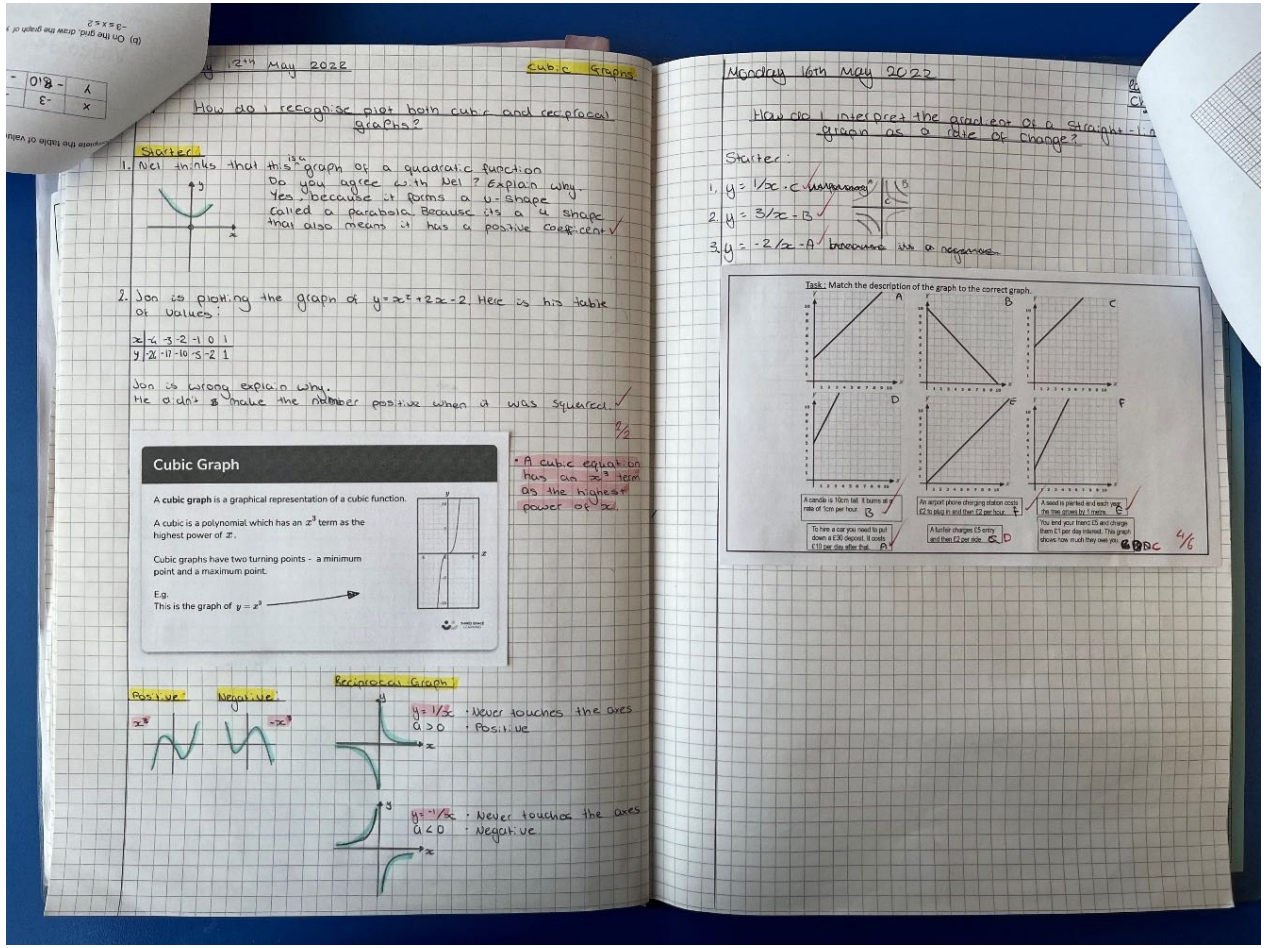
Every piece of work in mathematics has a date, title, margin and challenge question.

Our challenge question signifies what our learning focus is for that lesson.



BURN BRIGHTER · VALUE DIFFERENCE · BE KIND · BEAT YOUR BEST

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Our classrooms

We have 7 different classrooms in the mathematics department in the B Block of the school.

We take pride in making our classrooms welcoming and comfortable places to learn.

What you will need in Maths...

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- Blue or black pen
- Red pen to mark
- Rubber
- Sharpener
- Ruler
- Pencil
- Protractor
- Compass
- Scissors
- Glue stick

We suggest the **Casio FX-83GTX** Scientific Calculator.

Make sure you have plenty of spares!!

Before arriving at Hall Mead

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Here are some topics that we would hope you are confident in before coming to Hall Mead.

- Multiplication facts to 12 × 12
- Multiplying and dividing by multiples of 10
- Long and short multiplication and division
- Approximating numbers to two decimals places
- Simplifying fractions
- Arranging a set of decimal numbers in order of size
- Drawing and measuring lines and angles accurately
- Knowing the names and properties of special triangles, special quadrilaterals and 3D shapes
- Converting between fractions and percentages
- Know the order of operations
- Substitute numbers into a formulae
- Convert between units of measure
- Plot co-ordinates in all four quadrants
- Understand the meaning of perimeter, area, volume and capacity

It would be a good idea to practice these over summer!