

ABC Links to literacy

We develop Mathematical literacy through speaking, Reading and Writing. We discuss key concepts with our peers to help embed mathematical vocabulary.

Summer-1
Topic name: **Angles**

Why study this topic?

When two lines meet at a point they form an angle.
An angle is measured in degrees.
To measure angles, you use a protractor.
Architects & Surveyors use angle rules and properties of shapes when they design structures.

Summer-1
Topic name: **Classifying 2D Shapes**

Why study this topic?

Two-Dimensional(2D) shapes are flat shapes.
Fashion designers may get the fame and fortune, but it is their pattern makers' painstaking work that is responsible for how well the clothes fit the models.

SUMMER - 1

Topic name: **Constructing Triangles and Quadrilaterals**

Why study this topic?

When constructing a shape you must draw lines and angles accurately.
Building shapes using identical triangles help you to understand how the properties of quadrilaterals can be linked to the transformations of triangles.

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Mathematics Intent statement

We learn Maths as it is interesting, exciting and relevant to our everyday lives. It will help us make sense of the world and develop skill sets that enable us to embody the Enfield way, which is to LEARN: Lead, Excel, Aspire, Stay Resilient, and Nurture.

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Summer - 2
Topic name: **Coordinates**

Why study this topic?

Coordinates are two numbers or letters that describe a position on maps, graphs and charts.
Grid references that are used on maps are a form of coordinates

Summer- 2
Topic name: **Area and Perimeter of 2D shapes**

Why study this topic?

The perimeter of a shape is the distance around the shape.
The area is the amount of space a shape covers.
For example, the organisers at Glastonbury need to know the area and perimeter of the festival fields so they can hire enough safety barriers.

SUMMER - 2
Topic name: **Transforming 2D**

Why study this topic?

A transformation moves a shape to a different position..
Car Mechanics and Engineers need to know how far a part has rotated when checking engine parts.

123 Links to Numeracy

We solve word problems, reason and analyse information in numeracy