

MathsChildren will:

- find perimeter of rectangles, rectilinear shapes and polygons
- work out areas of rectangles and compound shapes
- work with shapes to classify, estimate and measure degrees
- draw lines and angles accurately and around a point
- read and plot coordinates
- problem solve with coordinates
- learn about reflection in horizontal and vertical lines

So that they...

- can measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres
- know angles are measured in degrees
- can estimate and compare acute, obtuse and reflex angles
- use the properties of rectangles to deduce related facts and find missing lengths and angles
- can identify, describe and represent the position of a shape following a reflection or translation

GeographyChildren will...

- do an in-depth study into the economic activity of the United Kingdom.
- learn about the three main economic sectors and how each impacts the UK's economy.
- learn about different economic activities in the United Kingdom and their sustainability.
- recap learning from previous units, name and locate the counties and cities of the UK.

So that they...

- will look into the human geography of the United Kingdom, including land use and an in-depth investigation into economic activity, trade links and the distribution of natural resources, including energy, food, minerals and water

EnglishChildren will:

- create a diary entry from the perspective of a character from The Jungle Book
- learn and apply a range of grammatical features such as, 'when' and 'where' adverbials and conjunctions
- write a narrative based on The Lost Thing

So that they...

- know about a wide range of text types
- engage their reader
- structure their writing to make it easy to understand
- produce writing which flows nicely from one point to another
- can write in a legible, joined-up style

ScienceChildren will:

- learn about Living Things and Their Habitats
- describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird.
- describe the life process of reproduction in some plants and animals.

So that they...

- can describe how some plants reproduce
- can describe the life cycles of different mammals
- can compare the life cycles of amphibians and insects
- can compare the life cycles of plants, mammals, amphibians, insects and birds

## Belonging &amp; Equality

PEChildren will:

- take part in athletics
- take part in football sessions

So that they...

- know why they need to maintain our speed until they cross the finish line.
- know when and where the changeovers take place on a curved track.
- know how to hurdle safely, applying the correct technique.
- know the different methods of defending that we can use during a game.
- know how to move the ball up the pitch, creating an attack that results in a successful shooting opportunity.

ArtChildren will...

- learn about the Linear Perspective

So that they...

- will be able to use shading and graded pencil techniques to create depth and tonal variation in their drawings.
- identify and describe architectural features while analysing how perspective is used in real-world structures.
- construct accurate 1-point and 2-point perspective shapes using vanishing points and horizon lines.
- design and draw pyramids to show realistic space, and proportion.

REChildren will:

- consider the key question: What is commitment?
- explain how commitment is demonstrated in coming-of-age rituals
- explain what happens in a religious wedding ceremony.

So that they...

- understand and explain why people make sacrifices
- summarise the importance of fasting in Islam
- identify what happens at marriage ceremonies
- reflect on how commitment shows up in their own life
- can discuss why some adults commit to one another

ComputingChildren will:

- learn about Physical Computing - Crumble Controllers

So that they...

- experiment with a repeat-until loop.
- use a condition in an 'if...then...else' statement to produce a given outcome.
- show that a condition can flow in one of 2 ways.
- use a condition in an 'if...then...else' statement to produce given outcomes

PSHEChildren will...

- learn about the topic of Relationships
- explain how to stay safe when using technology to communicate with friends
- recognise and resist pressures to use technology in ways that may be risky or cause harm to myself or others.

So that they...

- can have an accurate picture of who they are in terms of characteristics and personal qualities
- can understand that belonging to an online community can have positive and negative consequences
- understand there are rights and responsibilities in an online community or social network
- can recognise when they are spending too much time using devices (screen time)