

### Science

Pupils will be taught to describe the changes as humans develop from fertilisation to an old age.

They will draw a timeline to indicate stages in the growth and development of humans and learn about the changes experienced in puberty. Pupils will work scientifically by researching the gestation periods of other animals and comparing them with humans; by finding out and recording the length and mass of a baby as it grows.

### PSHE

Linking to our science topic, this half term the children will learn how their body, emotions grow and change into adolescents.

Children will learn to take notice of their feelings and that they can become more sensitive than usual and about how their bodies can change as they grow older.

### Computing

#### Data and Information – Flat File Database:

Using a database to order data and create charts to answer questions. The children will understand the cross-curricular links with mathematics.

#### Natterhub:

In our Natterhub lessons, the children will 'Search for Skills', which is to understand the internet is a valuable tool for learning new skills.

This will be followed by 'Facts or Fiction' which is to describe how information found online can be used to make judgements about individuals.

### Art

Pupils will develop visual spatial skills as they look at the shape and form of 3D objects. They will use papier-mâché as well as develop skills Family of Man (1970) to manipulate clay.

They will also learn that an armature can be used to create a piece of 3D art. Clay can be joined by a score and slip method. They will use armatures to produce 3D forms to join two or more pieces of clay.

### English

Our book for this half term is Kai and the Monkey King. The famous characters Kai and Wen from the Brownstone family will fight battles with mythical creatures to free the Monkey King. During their English lesson they will be taught to use expanded noun phrases to convey complicated information concisely.

- Use relative clauses beginning with who, which, where, when, whose, that or an omitted relative pronoun
- Link ideas across paragraphs using adverbials
- Use commas to clarify meaning and avoid ambiguity in writing



### Maths

The children in Maths will draw, identify, name and write fractions. and be able to convert them into decimals and percentages. Pupils discuss their knowledge and understanding of fractions. They then explore a range of different representations and consider how fractions are written.

They will also identify, compare and order acute, obtuse and reflex angles: The children will review their understanding of angles as measures of the amount of turn, and identify right angles, acute angles and obtuse angles. They are then introduced to and identify reflex angles.

Lastly, they will describe and represent the position of a shape following a translation; children translate shapes on a grid and then identify and describe translations of a shape.

### Music

Over this term the children will be continuing to learn new skills on the violins with Mrs Kelly. This will be the third term that the children have played the violin and are progressing so well.

### PE

The children will develop their hand eye coordination and gross motor skills both as an individual and in collaboration with other pupils. They will use a variety of methods of sending an object. This will develop understanding of how to play different games with different rules and challenges.

#### PE KIT

White T- shirt

Blue/Black shorts or joggers

Black pumps

### Memorable Experience / Help at home / Messages

Linking to our Geography this half term the children will be asked to create their own Biome.

Biomes are large areas on Earth with distinct climates, plants, and animals. They are often divided into smaller regions called ecosystems, where the plants and animals depend on each other for survival. For children learning about biomes it can be an engaging way to understand the environment and the importance of preserving it,

### Geography / History

In this half term, the children will be locating the world's countries, by using maps to focus on Europe (including the location of Russia) and North and South America, concentrating on their environmental regions, key physical and human characteristics, countries, and major cities. They will be able to describe and understand key aspects of physical geography, including climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle.

### Religious Education

Our focus question this half term for RE is What values do people live by?

This will enable pupils to identify how religions / worldviews provide guidance for their followers on how to live a good life, and to think about their own values. The focus is on the ways in which values make a difference to our lives, including the golden rule of all religions and the non-religious worldview, Humanism.

