

Eagle Class

Year 6: Whose genes are these? Terms 3 & 4

Falcon Class

SCIENCE

In Science the children will be learning about Evolution and Inheritance. They will learn to recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago. They will explore that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents. The children will also identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.

In addition, Year 6 will learn that the differences between living things of the same species are called variation, and that variation between species is always greater than variation within a species. Inherited variation is a characteristic that is a result of genetic inheritance; e.g. eye colour, hair colour and skin colour.

Through the course of this unit, the children will study the life and work of Charles Darwin, Alfred Russel Wallace and Mary Anning.

R.E.

In this unit of work, children learn about the Bible stories that teach Christians how Jesus performed miracles such as healing the blind and deaf.

In the second unit the children learn about Christian Missionaries and the work that they performed. They also look at the founders of known charities and how they help other people.

MUSIC

Children will learn to sing in unison and in harmony looking at rhythm and pitch to work towards a performance. They will also improvise accompaniments to songs on un-tuned percussion. The children will continue to learn to play the guitar, practising simple riffs, melodies and chord changes.

HISTORY

Not a focus for this term, although elements of 19th/20th Century history will be studied during the course of the topic.

DESIGN TECHNOLOGY

The children will design and create their own boat model of Darwin's HMS Beagle during the Spring Term. They will research into 19th Century ships and boat building techniques, exploring their purpose and properties and then draw and detail their own designs. During this process, the children will consider their design brief, the order of their work; the materials, tools and techniques that they may need to create a finished product.

P.E.

During terms 3 & 4 the children continue to develop their hockey skills, as well as working on team work games and challenges. In tennis and badminton, they will be developing their racquet and ball control skills.

In addition, the children will have gymnastics which involves exploring turns and pathways on both the floor and on apparatus.

COMPUTING

During this term in Computing, the children will focus on E-awareness and how to stay safe online. They will enhance their understanding of how to create and use spreadsheets. The children will insert data and develop skills in entering and copying formulas which involves the four main mathematical operations and averages.

We will also be focussing on a PC Basics unit, which allows the children to learn about the hardware and software of computers. They discover about binary numbers, computing networks and wireless internet, as well as how to stay safe and healthy when using computers.

GEOGRAPHY:

Not a focus for this term, although elements of geographical study and map work will be looked at during the course of the topic.

ART

Not covered this term.