

Year 6 - Summer Term

Science

Evolution - What is evolution?

During this unit of work, children will explore how animals and plants are adapted to the environment in which they live. They will learn that adaptations occur over time and that may lead to a species evolving. Children will conduct an experiment to answer the question: which beak is best adapted to pick up a seed? They will consider how certain adaptations occur in response to environmental conditions. They will learn about natural selection and how this links to inheritance and how some characteristics are inherited from parents and some are not. Children will consolidate previous learning on fossilisation and understand how studying fossils has helped explain the theory of evolution.

Electricity - How can circuits vary?

During this unit of work, children will consolidate and extend previous learning from year 4 by constructing simple series circuits and drawing them using scientific symbols. They will conduct investigations to determine how the voltage in a circuit affects the brightness of a bulb or the function of other components. They will use their 'working scientifically' skills to plan an experiment to investigate variations in how components function and use the results to write a clear and concise conclusion. They will use the internet to research information about renewable and non-renewable energy sources and communicate this information in the form of a leaflet.

Art Sculpture - clay: How can we showcase our sculpture skills?

In this final clay sculpture unit, children will build on their knowledge and skills of sculpture and clay that they have studied through KS2 and KS1. They will learn from great artists and evaluate and analyse creative works using the language of art. Children will produce their own creative work, exploring their ideas and recording their experiences. They will demonstrate proficiency in sculpture techniques, creating a final piece to celebrate their time at Coplestone Primary School.

DT Food & Nutrition: How can we mix recipes to invent exciting new food?

Children will explore how food trends develop and why hybrid dishes become popular by analysing existing products and discussing how flavour, texture and presentation influence success. They will test flavour pairings and refresh key preparation skills, such as peeling, slicing and grating, to strengthen their technical knowledge. Using a clear design brief, pupils will design their own sushi burrito for a food festival, selecting and justifying flavour pairings and ingredients to create either a savoury or sweet variation. They will prepare and assemble their individual products safely and accurately. Finally, children will evaluate their sushi burrito against their design criteria, reflecting on flavour balance, texture variety and its potential appeal as a trend-inspired street food product.

English

Non-Fiction: Women in Science

To write a biography about an inspiring person

Fiction: Paraphernalia video

To write the story of the film

Fiction: 'No Other Country' from Tales from Outer Suburbia

To write a chronological report/information text about a holiday celebration, rite or ritual either invented or from learning in another subject area

Poetry: Earth Verse

To write haiku poetry about a natural event/process, including technical vocabulary and poetic imagery

PSHE

Sex and relationship education: Healthy relationships

Transition: making the transition to secondary school

RE What matters most to Christians and Humanists?
What do religious and non-religious world views teach about caring for the Earth?

Computing

Creating media - 3D Modelling

Online safety: When In Doubt, Discuss & Digital Well-being

Music

Performance - The children will perform an end of year musical using their singing skills.

Children will share their favourite types of music with the class to combine and contrast.

French

Food at the cafe

Directions in the city

Write a pen pal letter

PE

Athletics, Yoga,

Cricket & Rounders

Maths

Geometry - Property of Shape

Children will consolidate knowledge of shape when drawing and making nets. They will further develop their understanding of angles when measuring and calculating angles. They will also learn about the properties of a circle and understanding circumference, radius and diameter.

Geometry - Position and Direction

Children have the opportunity to further embed their understanding of negative numbers as they learn to plot shapes in four quadrants and reflect and translate shapes.

Revisit previous learning

Children will have opportunity to revisit key learning for Year group specific areas will be targeted in response to teacher assessment through the year and help prepare children for SATs

History

How has crime and punishment changed over time in Britain?

In this crime and punishment unit, children will build on their knowledge of periods in history that they have studied through KS2. Children will explore using different historical disciplinary concepts, how crime and punishment has changed over time in Britain. They will explore what was seen as a crime over time and the different gruesome punishments that were handed out to criminals. The children will find out about the development of the police force from the Victorian period right through to the new millennium.

Geography

How can our school reduce its plastic waste?

In this unit, children will learn what plastic is and its uses. Children will learn about the problems associated with plastic. Children will investigate ways to reduce plastic waste in school and conduct fieldwork before recording, presenting and evaluating the collected data.