

We're off on an exciting expedition with Charles Darwin and his crew on HMS Beagle! Stop at the magical Galapagos Islands to see the amazing species that helped Darwin develop his theory of evolution by natural selection. Do you know what's so special about a lava lizard or why the blue footed booby has blue feet? Learn how animals adapt to their environment over time and meet some of the world's greatest explorers and naturalists. Finally imagine how humans will evolve in the future!

Geography

Intent

Using Maps; Geographical similarities and differences; Islands of the world

Prior Knowledge: Children have used maps to locate the polar regions and have an understanding of locations in the world.

Sequence of learning:

To use physical and online maps to plot the route Darwin took on HMS Beagle.

To highlight places he visited, including the Cape Verde Islands, The Falkland Islands, the Galapagos Islands and Ascension Island.

To find the longitude and latitude for each place and explain how it relates to the Equator and the Northern and Southern hemispheres.

Use scaled maps to estimate how far Darwin travelled in total.

To plan an expedition across the Galapagos Islands.

Look at animals (UK, Europe, Americas) that are at risk from extinction - what factors are endangering them?

Summarise why the Galapagos Islands developed such a rich biodiversity.

Outcome

To use maps, atlases, globes to locate countries and describe the features studied. To describe the environmental regions, key human and physical characteristics, countries and major cities.

Next Steps: Focus on Europe (Ancient Greece Topic)

Science

Intent

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.

Prior Knowledge: Biodiversity and extinction in Frozen Kingdom

Sequence of learning:

To give reasons for classification and understand the significance of scientists work
To make your own decisions about what observations to make, using test results and observations

To describe how animals must be adapted to their habitats for survival

Choose the most effective approach to record and report results (Bird beak task)

To explain how fossils are formed and how fossil discoveries have helped develop the theory of evolution

To identify features which are inherited from parents

To select and plan a suitable line of enquiry

To identify and explain causal relationships in data and identify evidence that supports or refutes their findings.

To identify features which are inherited from parents and those that are not and think about how humans will evolve in the future—scary!!

Outcome:

To record data and results of increasing complexity and work scientifically

To understand the theory of evolution

Next Steps: No Science in Ancient Greece topic.

Next science is properties and changes of materials in our river topic at end of the year.

History

Intent

To create a timeline from dates/details/eras showing knowledge of how to check for accuracy

Prior Knowledge: studied chronological knowledge beyond 1066—looked at history of polar exploration and the Titanic

Sequence of learning:

To use a range of historical sources to answer the question—who was Charles Darwin and why was he so important?

To create a timeline to illustrate Darwin's life up until his death in 1882

To learn about other significant individuals in this field (Mary Anning)

Outcome

To learn about significant individuals
To study an aspect of British history and chronological knowledge

Next Steps: Ancient Greece—a study of Greek life and achievements and their influence on the Western world.

Computing

Intent

To develop an understanding of Computing Systems and how information is transferred between systems and devices.

Prior Knowledge: New computing curriculum and no prior knowledge of systems and devices

Sequence of learning:

To explain that computers can be connected together to form systems

To recognise the role of computer systems in our lives

To recognise how information is transferred over the internet

To explain how sharing online lets people in different places work together

To contribute to a shared project online

To evaluate different ways of working together online

Outcome

To take part in an online collaborative study with other class members and develop skills in working together online

Next Steps: Vector Drawing

PSHE

Intent

Safety and the Changing body—Explore the emotional and physical changes of puberty and to learn about the dangers of being online

Prior Knowledge: Children have learnt how to be healthy and look after themselves physically and mentally.

Sequence of learning:

To understand some issues related to online friendships including the impact of their actions

To learn how to stay safe online, identifying potential dangers and how to avoid them

To learn about the physical changes that happen to our bodies during puberty and naming the sexual external parts of the body and reproductive organs

To learn about the menstrual cycle and other changes that happen during puberty

To learn about the emotional changes during puberty

To learn how to administer first aid when someone is bleeding

Alcohol, drugs and tobacco—making decisions

Outcome:

Children will understand the changes that are happening to their bodies during puberty and know how to keep themselves safe from harm.

Next Steps: Economic well-being

DT

Intent

No DT this half term as we are focusing on art and drawing.

Prior Knowledge:

Sequence of learning:

Outcome

Next Steps:
Design and make pop up books based on Greek Myths

RE

Intent (Due to time constraints this will be done in this term)

To explore Creation and Science: Conflicting or complementary?

Prior Knowledge: Children have learnt what it means for Christians to believe that God is holy and loving.

Sequence of learning:

Read Genesis 1:1-23 in creative and interactive ways. What does the story mean? How does it make them feel? Are there any surprising, interesting or puzzling moments?

Look at its meaning and other versions of the same text. Compare the versions, interpret it and show awareness of different interpretations.

Explore the scientific account of cosmology and evolution and begin to make connections with Genesis and Science.

Think of questions about the Genesis text and the beginnings of the universe and life. Reflect on why some people say Science and belief are in conflict or complementary.

Outcome

Children will learn the story of Genesis and understand the creation story and compare it to Scientific understanding. They will be able to show an understanding of why many Christians find science and faith go together.
Next Steps: Why do Christians believe that Jesus is the Messiah?

Music

Intent

To present an integrated approach to music where games, the interrelated dimensions of music, singing and playing instruments are all linked.

Prior Knowledge: Rhythm and singing

Sequence of learning:

To learn the song 'The Fresh Prince of Bel Air'

To continue to learn the song and add a musical instrument

To improvise with the song

To continue to revisit previous learning and make a new composition based on this song.

Continue to revisit, learn and compose

Perform and share

Outcome

Children will have learnt a song, listened to rhythm and added instrumental compositions and performed to an audience
Next steps: Learn how to play the recorder

Art

Intent

To develop skills in observational drawing

Prior Knowledge: Sketching skills

Sequence of learning:

A re-introduction to sketch books

Based on Paul Klee's belief that drawing is simply a line going for a walk, children extend a pattern outwards drawing in tones they can see

Little Inventors—Children to come up with their own ideas of what we are missing in the world

Draw a portrait of themselves using lines of a poem creatively varying the size and style of writing to suit the details in the picture

Packaging collage—sketching the outline of collection of sweet wrappers and colouring it in

How artists work—produce a final drawing

Outcome

To use a variety of techniques to improve sketching and drawing skills
Next Steps: Photography (Rivers topic)

Texts that match our topic:

