



Ancient Egypt

Science: 1st HALF: ANIMALS INCLUDING HUMANS.

Main objectives

- Describe the changes as humans develop to old age
- understand the physical and emotional changes which occur in puberty.

CROSS CURRICULAR:

- Create charts and graphs based on different gestation periods of animals
- Order, compare and convert lengths and masses of human babies as they grow

Science: 2nd HALF: SOLAR SYSTEM

Main objectives:

- describe the movement of the Earth, and other planets, relative to the Sun in the solar system.
- describe the movement of the Moon relative to the Earth.
- describe the Sun, Earth and Moon as approximately spherical bodies.
- use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.

CROSS CURRICULAR:

- Order and compare the radii of objects in our solar system
- Use translation skills to describe the position of the sun as it moves through the day.
- Read, write and compare the circumferences of planets in our solar system
- Write a biography of Copernicus
- Write a fact file on Galileo

History: ANCIENT EGYPT

- Place Ancient Egypt on a timeline.
- Learn about the afterlife and embalmment
- Use evidence found in Tutankhamun's tomb to find out about him.
- Understand why the River Nile was important for Ancient Egyptian life.
- Know how irrigation was used for farming.
- Find out what everyday life was like for men, women and children.
- Use a range of artefacts to find out about Ancient Egypt.
- Know that hieroglyphs were an early form of writing and that we can use this to find out more about Ancient Egyptian life.

CROSS CURRICULAR:

- Compare and order numbers using BC dates as negative numbers.
- Create 3D nets of Ancient Egyptian pyramids.
- Solve Egyptian food problems involving calculating decimals.
- Find missing angles of pyramids.

GEOGRAPHY: RIVERS AND THE WATER CYCLE.

- Understand the stages of the water cycle and the key vocabulary associated with it.
- Locate some of the main rivers in the world on a map.
- Identify different ways a river is used (e.g. transport/fishing/tourism)
- Describe and understand the key aspects of rivers using appropriate vocabulary.
- Know how the River Nile affected land patterns and how this has changed over time.
- Locate the River Nile on a map.
- Know some of the key features of the River Nile.

CROSS CURRICULAR

- Reason about the temperatures at different stages of the water cycle.
- Solve word problems based around rivers and the water cycle.
- Write an explanation of how the water cycle works.

Art: RIVER COLLAGE

- Question and make thoughtful starting points and select ideas to use in their work.
- Add collage to a painted, printed background.
- Use a range of media to create collages.
- Use different techniques, colours and textures when designing and making pieces of work.
- Use collage as a means of extending work from initial ideas.

CHALLENGE ACTIVITIES FOR THE MORE ABLE

- Make a more complex collage using more challenging media.
- Compare different materials used and the effects they have using artistic vocabulary.
- Choose different textured materials to create particular effects

D.T: MAKE A PYRAMID TO HOUSE GRAVE GOODS

- Develop a clear idea about what needs to be done.
- To join and combine materials.
- Find techniques for reinforcing and strengthening structures
- Know how structures can fail when loaded.
- Evaluate their products.

CHALLENGE ACTIVITIES FOR THE MORE ABLE:

- Compare different methods of joining and combining materials and discuss what works best and why.
- Design an alternative to a pyramid, taking into account all the techniques, knowledge of structure and materials needed.

- **Music:** Music: Play in ensemble contexts, using their voices and playing instruments with increasing accuracy.
- Improvise music for a range of purposes using the interrelated dimensions of music.
- Listen with attention to detail to sounds.
- Appreciate and understand a wide range of high-quality live and recorded music.

Develop an understanding of the history of music..

P.E (Please follow Val Sabin's scheme of work)
Dance, gymnastics and athletics

R.E: See agreed syllabus for more detail.

- CHRISTIANITY - unit 8

ISLAM (unit 4)

Computing: *Coding, Programming and Computer Games*

- Create and edit flow diagrams to break down a sequence (eg traffic lights) into smaller steps
- Create more complex programs using symbols and text to achieve an outcome on screen
- Explore the variables in a range of simulations and relate to real life applications and situations
- Create simple interactive computer games and activities

Identify and de-bug errors in their own/others code

Entitlement and enrichment: British museum/London Zoo/ Hornimans museum (do a session on sound)

Topic writing links: (please teach during Friday's literacy lesson and work in topic/Science books:

- Write an explanation of embalment.
- Write a biography of Tutankhamun.
- Interview Howard Carter.
- Write a newspaper article about the curse of Tutankhamun.
- Write a life in the day from an Ancient Egyptian perspective.
- Retell and Egyptian myth.
- Create a booklet about the water cycle.
- Write a diary entry about the discovery of Tutankhamun's tomb.
- Write a postcard from the River Nile.
- Create an advert for the pyramide created in D.T.
- Wrote a poem based on river collage.
- Create a simple biography about Ptolemy, Alhazen or Copernicus.

Literacy books which link to the topic:

- Flat Stanley and the Egyptian grave robbery
- The Time travelling Cat and the Egyptian Goddess
- Tales of Ancient Egypt (Robert Lancelyn Green)
- The Red Pyramid
- Casting the gods adrift
- The Scarab's Secret