



Rumble in the Jungle

Science: LIVING THINGS AND THEIR HABITATS

- Describe the difference in the life cycles of a mammal, an amphibian, an insect and a bird.
- Describe the life processes of reproduction in some plants and animals.

Cross Curricular Links:

- Create a graph on the different life cycles of animals
- Create a graph about gestation periods in different animals
- Write a fact file about different classifications of animals
- Write a report on the life cycle of animals

Science: 2nd half: Forces

- Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object.
- Identify the effects of air resistance, water resistance and friction that act between moving surfaces.

Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.

Cross Curricular Links:

- Order and compare the effect of levers, pulleys and gears on forces
- Compare and classify the forces of gravity on different planets
- Write a biography about Newton
- Write a report on an aerodynamic creature or vehicle
- Create and interpret charts and graphs about air resistance

HISTORY:

GEOGRAPHY: THE RAINFOREST

- Locate the tropics of cancer and Capricorn on a map.
- Know the vegetation that occurs in the rainforest.
- Know the vocabulary 'longitude' and 'latitude' and know that this is measured in degrees.
- Know the basic geography of the rainforest.
- Know that rainforests are along the equator.
- Identify the countries which have rainforests.
- Identify layers of the rainforest.
- Recognise the types of animals that live in the rainforest.
- Know how land in the rainforest is used.
- Look at how land use in the rainforest has changed over time.

Art: PRINTING (USING THE RAINFOREST AS INSPIRATION)

- Create printing blocks by simplifying an initial sketch book idea.
- Use relief or impressed method.
- Create prints with three overlays.
- Work with prints with a range of media e.g. pens, colour pens and paints.

CHALLENGE ACTIVITIES FOR THE MORE ABLE:

- Create prints with more detail and complexity.
- Explore a selection of styles of printing and decide which one is the best for the task and how it links to the rainforest.
- Discuss how you would create printing blocks to fit the chosen style.

D.T: TEXTILES – EMBROIDER A SCENE FROM THE RAINFOREST.

- Sketch and model ideas.
- Make prototypes.
- Understand pattern lay out.
- Decorate textiles appropriately before joining components.
- Pin and tack fabric pieces together.
- Join fabrics by blanket stitch and back stitch.
- Make quality products.
- Make suggestions about how their design can be improved.

CHALLENGE ACTIVITIES FOR THE MORE ABLE:

- Use complex types of stitching for adding details to their scene.
- Evaluate which fabrics work best for decorating and which are best to stitch and embroider.

- **Music:** Pupils should play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy and fluency.
- Improvise and compose music for a range of purposes using the interrelated dimensions of music.
- Listen with attention to detail, recall sounds using aural memory.
- Use and understand staff and other musical notations.
- Appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians.

Develop an understanding of the history of music

P.E dance, athletics, tennis and gymnastics

R.E SEE AGREED SYLLABUS - Hinduism unit 4 and Judaism unit 4

Computing: Robots, controls and sensors

- Describe and analyse more complex control systems in the real world, including sensors and user interaction
- Use a data logging device as a part of an investigation or experiment in Science or Geography
- Use a control box connected to a computer to control a physical system - eg traffic lights
- Create a simple control system with sensors, inputs and outputs, on screen and/or as a physical system

Work systematically to identify and correct errors and problems in their own and others programs

Entitlement and enrichment: London Zoo/Battersea Zoo,

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

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Literacy books which link to the topic:

Maths topic Links: (work to be in topic/Science books)

Data-handling (Science)

Measure - geography

Shape - D.T/art