

Summer - COASTS

Main Learning Objectives

SCIENCE

LIGHT

- recognise that light appears to travel in straight lines
- use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes
- use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them.

GEOGRAPHY

describe and understand key aspects of:

- physical geography, including: coasts and the water cycle (Southwold)

MUSIC

- improvise and compose music for a range of purposes using the inter-related dimensions of music

RE

- How has Ghandi influenced a Hindu's life?

Main Learning Objectives

SCIENCE

ELECTRICITY

- associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit
- compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches
- use recognised symbols when representing a simple circuit in a diagram.

GEOGRAPHY

- human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water

MUSIC

- play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression (Busking Day)

RE

- The impact of the Qu'ran and why is there a variation in interpretation?

ICT

- select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting **data** and information

ICT

- understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration

ART & DESIGN

- to create sketch books to record their observations and use them to review and revisit ideas (Coastal sketches)

ART & DESIGN

- understand and use electrical systems in their products [for example, series circuits incorporating switches, bulbs, buzzers and motors] (Lighthouses)