

Visits:

Science workshop - light
 Chinese New Year music workshop
 Year 6 Junior Citizens, Cowley Fire
 Station

Overview

In this topic we will be looking at the consumption of renewable and non-renewable energy sources (fossil fuels) as well as the distribution of food & water resources amongst developed and developing world countries.

Outcome

Children use their knowledge gained during the topic to write individual letters about the fossil fuels, famine or drought to politicians or global corporations.

Science:**Animals (including humans)**

identify and name the main parts of the human circulatory system, describe the functions of the heart, blood vessels and blood; recognise the impact of diet, exercise, drugs and lifestyle on the way bodies function; describe the ways in which nutrients and water are transported within animals,

Light

recognise that light appears to travel in straight lines; 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 (via objects) to our eyes; explain why shadows have the same shape as the objects that cast them



Brookside Primary School

Year 6 Curriculum Map

Spring Terms 3 and 4 2018

Topic: Planet Peril

Geography:

Describe and understand key aspects of human geography, including: the distribution of natural resources including energy, food, minerals and water.

Locate the world's countries, (using maps, atlases, globes and digital/computer mapping) and describe features studied, concentrating on their environmental regions, key physical and human characteristics, countries, and major cities

Maths:**Number & place value:**

Use negative numbers in context; identify the value of each digit to three decimal places, multiply & divide numbers by up to four digits; solve multi-step problems; perform mental calculations including mixed operations and large numbers. Solve problems involving the conversion of measurements.

Geometry:

Draw 2-D shapes using given dimensions; describe & build 3-D shapes, making nets; compare & classify shapes based on their properties; find unknown angles in triangles, quadrilaterals, and regular polygons; recognise angles where they meet at a point, find missing angles, position and translation.

Algebra:

Use simple formulae: generate and describe number sequences: express missing number problems algebraically; find pairs of numbers that satisfy an equation.

Statistics:

Interpret and construct pie charts and line graphs; connect work on angles and percentages to pie charts, finding the mean.

Ratio and Proportion:

Solve problems involving the relative sizes of two quantities; solve problems involving shapes where the scale factor is known or can be found; solve problems involving unequal sharing using fractions and multiples

D&T: Constructing a device that utilises natural energy

Computing: Design, write & debug programmes using SCRATCH

Art: Architects of eco-houses; Famous painters:

(Lowry, industrial landscapes – drawing vanishing points)

Music: To create music for purpose: compose a soundscape

PSCHE: sportsmanship, maturity, listening, growth mind-sets

R.E: Passover celebration

P.E: basketball, swimming (term4 only),

French: Days, months, seasons, weather, parts of the body, sports & hobbies

**Literacy:
Reading**

Distinguishing between statements of fact & opinion; retrieve, record & present information from non-fiction; using synonyms to explore shades of meaning; participate in discussions about books.

Writing:

Suspense story-poetry, explanation writing (how things work), storytelling narrative, discussion text (dragons), report writing (Passover)