

Oak Summer challenges

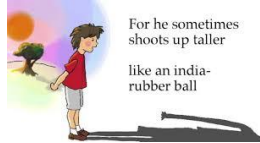
Light

Make a shadow puppet



English – My Shadow by Robert Louis Stevenson

Read the poem and then illustrate it. Can you write your own verses telling me what else your shadow gets up to with you?



Rainforests

Find out about products which come from the Rainforest.

Identify what they are used for and who uses them. Which of these products do you use in your home? How far have these products had to travel for you to use them? Present your findings on a fact sheet.



Electrical circuits

Look at the different home equipment here. None of these appliances can work without electricity to power or charge them. Rank the items in order of the most important to the least important in your home.

How did you choose the two most important items?



Vocabulary we need:

Electricity – circuit, insulator, cell, wire, bulb, conductors, switch, buzzer, danger, electricity
 Light – see, shadow, reflect, natural, blocked, solid
 Viking invasions – conflict, conquer, invasion, raid, settlement.
 Rainforests – deforestation, canopy, understory, emergent, forest floor.

Maths

$$\square + \square + \square + \square = 32$$

I think of four **different** whole numbers. Each number is **more than 5**. The numbers add to make 32.

What could the four numbers be?

Level 1: I can find an answer
 Level 2: I can find different answers
 Level 3: I know how many answers there are

Design your own Rainforest animal.

Invent your own rainforest creature.

Draw or make your animal and write a description of it. This must be at least half a side of A4.

Think about: - what it is like; - where it lives (which layer of the forest); - what it looks like; - what it eats (diet) -who hunts it (predators).



The Viking invasions

Make a model of a Viking long house or a Viking long boat.



Save the Rainforest!

An area of rainforest the size of a football field is being destroyed each second.

Create a poster or a leaflet to persuade people to help protect the Rainforest.

Think about: - Why are they cutting down the rainforests? - Who is doing this? - Who does it affect? - What can we do to help?

