

## Light

- How light travels in lines
- The formation of shadows
- How light plays a part in how we see

- Reflection and refraction
- Colours and rainbows
- Light investigations

## Electricity

- Dangers of electricity
- Circuit designs
- Circuit repairs
- The role wires & cells play in circuits
- The difference between series and parallel circuits.

- \* Adventure stories - Private peaceful by Michael Morpurgo.
- \* Reports and Journalistic writing.
- \* Slam poem – you wait til I'm older by Michael Rosen.

On-going grammar & punctuation.

- \* Types of nouns/pronouns
- \* Verbs & making verbs
- \* Adverbials
- \* Prepositions
- \* Bullet points

- \* Swimming

- \* Football/ Netball

## Science

## P.E

- \* Children will make a river and floodplain out of modroc.
- \* Children will build a model to represent human and physical coastal features.

Websites to use at home:

<http://www.coolmath4kids.com/>  
<https://www.activelearnprimary.co.uk>  
<http://www.crickweb.co.uk/ks2literacy.html>  
<http://www.numbergym.co.uk/>  
<http://www.ngkids.co.uk/>

## Places to visit

Abberton Reservoir, Castle Park (river), Science museum, Natural history museum (ecology area), Art galleries.

# Earth matters

## Literacy

## Geography/ History

## Art

- \* Chn will learn about the water cycle and create a water cycle in a bottle.
- \* Chn will find out about coasts in the UK and how the sea shapes the coastline.
- \* The impact sea has on human activity and what impact humans have on the coast.
- \* How to prevent coastal erosion.
- \* How rivers get their water and what it is like living on a floodplain.
- \* Where volcanoes are in the world and what makes them erupt.

## D.T

## Computing

- \* Coding (probots, scratch, kodu)
- \* Research skills
- \* Word processing

## Trips

Kingswood  
National Gallery

- \* Classic rock – living on a prayer/ we will rock you.
- \* Benjamin Britten – A New Year carol.

## Music

## P.S.H.E

- \* Being me in my world.
- \* Celebrating differences.

## R.E

Humanism  
Hinduism and the creation story

## Languages

## Spanish

## Core books/ poems

Private peaceful – Michael Morpurgo  
Middle of nowhere – Geraldine McCaughrean  
Harry Potter and the Goblet of Fire – JK Rowling  
The Highway Man - Alfred Noyes  
You wait til I'm older than you - Michael Rosen  
101 facts...Ancient Greece  
The Rabbit problem (maths)

Chn will study and recreate the work of Wassily Kandinsky.

## Maths

- \* Place value and written addition
- \* Decimals and written addition subtraction
- \* Shape and angles
- \* Multiplication, division and fractions
- \* Number and written multiplication, fractions and division
- \* Place value, decimals and subtraction
- \* Measures including time
- \* 3d shapes and fractions
- \* Written multiplication, mixed calculations and word problems.