



# Elm Park Primary School Connected Curriculum Theme Plan



**Classes: Hazel, Cedar and Elm (Year 5 and 6)**

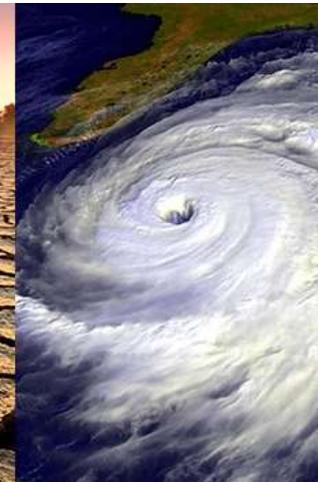
**Terms 3-4**

## How can we look after our world for future generations?

### Inspire

Bang Day

Environmental STEM workshop and litter picking in the local area



### Enrich

### Achieve

WOW Day

Work with a local artist to create sculptures based on the theme of climate change

### At Elm Park, our learning will be driven by:

#### Community

**In order to deepen our understanding of community, we will:**

Explore the effects of Climate Change within the UK and elsewhere in the world  
Write letters to our MPs to persuade them to explore ways to reduce our carbon footprint  
Engage in a community project

#### Wellbeing

**We will learn about our wellbeing by:**

Consider ways that we can personally reduce our carbon footprint  
I can identify problems in the world that concern me and talk to other people about them  
I can work with other people to help make the world a better place  
I can describe some ways in which I can work with other people to help make the world a better place

#### Creativity

**In order to deepen our creativity, we will:**

Create mixed-media portraits of the Climate Change activist Greta Thunberg  
Create a sculpture using recycled materials to represent Climate Change

**Inspiring Learners, Enriching Lives, Learning Together**

## Areas of Learning

### As geographers we will:

#### Investigate places Investigate patterns

We will:

- Name and locate some of the countries and cities of the world and their identifying human and physical characteristics, including hills, mountains, rivers, key topographical features and land-use patterns; and understand how some of these aspects have changed over time
- Collect and analyse statistics and other information in order to draw clear conclusions about locations
- Identify and describe how the physical features affect the human activity within a location
- Understand some of the reasons for geographical similarities and differences between countries.
- Describe how locations around the world are changing and explain some of the reasons for change.

### As scientists we will

#### Investigate materials Understand the Earth's movement in space

We will:

- Compare and group materials together, according to whether they are solids, liquids or gases.
- Compare and group together everyday materials based on evidence from comparative and fair tests, including their hardness, solubility, conductivity (electrical and thermal), and response to magnets.
- Understand how some materials will dissolve in liquid to form a solution and describe how to recover a substance from a solution.
- Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating.
- Describe the movement of the Earth, and other planets, relative to the Sun in the solar system.
- Describe the movement of the Moon relative to the Earth.
- Describe the Sun, Earth and Moon as approximately spherical bodies.
- Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.
- Use appropriate techniques, apparatus, and materials during fieldwork and laboratory work.
- Take measurements, using a range of scientific equipment, with increasing accuracy and precision.
- Record data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, bar and line graphs, and models.
- Report finding from enquiries, including oral and written explanations of results, explanation involving causal relationships, and conclusions.

### As artists we will:

#### Develop ideas Master techniques

We will:

- Develop and imaginatively extend ideas
- Collect information, sketches and resources and present ideas imaginatively
- Create a colour palette based upon colours observed in the natural or built world
- Use the qualities of watercolour paints to create visually interesting pieces
- Combine colours, tones and tints to enhance the mood of a piece
- Combine visual and tactile qualities

### As writers we will:

- Write a diary entry, in role as a child living with Climate Change in Bangladesh
- Write persuasive letters to our MP
- Create a biography of Greta Thunberg

### As mathematicians we will:

- Identify equivalent fractions
- Convert and simplify fractions
- Compare and order fractions
- Add, subtract, multiply and divide fractions
- Find fractions of amounts
- Understand the place value of decimal
- Convert between fractions and decimals
- Understand percentages

### Discrete learning:

In R.E. we are considering:

- Which people are special and why
- Why is Jesus inspiring to some people
- What is so radical about Jesus