



## A Wonderful World: Appreciating God's Creations

This theme will showcase the world we live in. Each year group will have the chance to explore a special part of our world- starting on a local level and then venturing further afield. Geography and Science will be some of the main drivers in this unit, with each year group focusing on place knowledge to start their learning. This unit also has many enrichment opportunities: children will have the opportunity to experience what it is they are learning about, and to be able to draw effective comparisons to what they already know including their local area.



### Year 5 - Rivers, Mountains and Hills

Throughout this focus, children will discover the beauty and importance of the world's rivers, mountains and hills – studying them from different focal points. Through **Geography**, children will also describe and understand key aspects of physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes and the water cycle. In **Science**, children will examine the properties of materials (including transparency, conductivity, hardness) using various tests, Investigate and justify the use of certain everyday materials, Identify the part played evaporation and condensation in the water cycle, look at solubility, recovering dissolved substances and separating materials and examine changes to materials that create new materials that are usually not reversible. In **Computing**, children will select, use and combine a variety of software (including internet services) on a range of digital devices to accomplish given goals, including collecting, analysing, evaluating and presenting data and information. In **Art**, children will explore Van Gough's designs and produce a sketchbook with annotations of his own work. Finally, in **English** children will produce non-chronological about which includes the information that will have researched and learnt regarding rivers, mountains and hills. Finally, Children will use enrichment trips to the Waseley Hills and the River Rae to inspire the use of personification and similes to bring our wonderful world to life and create some wonderfully descriptive and imaginative poetry.

### Theme Impact

Children will investigate and understand water management while exploring the impact of pollution. They will investigate what we can do to reduce pollution and the importance of cleaning rivers. They will explore the water cycle while investigating the difference between soluble and insoluble liquids. They will gain an understanding of how some changes can be reversible while others are irreversible, using this knowledge to explore the impact of physical geography. They will collect data regarding water levels, the increase of pollution and explore how they can use a variety of computer software to present data through spreadsheets and graphs.

### Catholic Social Teaching

Creation is a gift from God and provides us with these things, the basics for our lives, yet it can so easily and so often be taken for granted.

Taking responsibility for water management, pollution and cleaning

Explore our actions and how we look after our water

Uniting with God through following careful actions to look after our water, ensuring it is clean and healthy

What negative effects have human actions had?

### Application

**Even though we are thousands of miles away, how can we do our part to lessen the impact of humans on our rainforests?**

Children to explore own ideas in groups – this may be completed through animations, campaigns, information sharing, lifestyle choices.

### Enrichment

**Waseley Hills and River Rae** – children will explore different parts of the river from its source exploring how it changes as the river expands. (Please note this has been postponed due to COVID-19)

### Wider Curriculum

As well as exploring the Rivers, Mountains and Hills children will continue to learn in other areas of the curriculum alongside their theme. These areas include...

### Computing

Use of software on a range of digital

### PE

Dance

### MFL - French

Greetings, colours, numbers

### Cooking

Apple and parsnip soup

### Class Reader

