

### Science - Keeping healthy

As scientists, we will learn about

- How exercise can affect our bodies
- Effects of smoking on the lungs
- Keeping yourself healthy

We will develop scientific skills:

- use complex scientific language to explain
- Use and analyse data to understand

### Animal Life Cycles

As scientists, we will learn about

- The parts of a flower and its role in plant reproduction, as well as ways in which plants can reproduce asexually by propagation
  - The lifecycles of insects, amphibians, birds and mammals; comparing differences and similarities
- We will develop scientific skills:

- Use complex scientific language to explain
- Plan and carry out investigations, including fair tests

### Cross Curricular English

As writers, we will develop our ability to communicate our ideas on paper, using correct grammar, punctuation and spelling, through:

- Writing an explanation text of the river system
- Create a leaflet advertising tourist opportunities at a river
- Write an explanation of the impact of exercise

### French - Ma Famille & Bon Anniversaire

- As linguists, we will be developing our ability to read and speak basic French, working on simple sentences and using the correct sounds to form words. We will also learn the sounds of alphabet letters.
- We will also be developing our understanding of French grammatical structure and the assignment of gender to nouns, as well as using prepositions.
- Members of the family
- Household items
- Prepositions (on, under, at, in)
- Food items and how to ask for snacks
- Months of the year & numbers up to 30

### Social, Moral, Spiritual and Cultural Education

**Changing Mindsets:** To ensure that we are the best learners we can be, we will be continuing to explore how a growth mindset can improve our outcomes, and how we can adopt this across our curriculum.

#### Christianity:

We will be finding out more about who the disciples were and why they are important to the followers of Christianity. We will be considering the effect that Jesus had on people and why people chose to follow or not follow him.



# Raging Rivers

Years 5 & 6 Spring 1 2018

**Physical Education-** we will continue to apply and develop a broader range of skills including: communication, collaboration and competition to ensure that we improve in different physical activities including:

#### Weekly Gymnastic sessions to:

- increase flexibility, improve muscle tone, posture and balance
- learn how to balance, using control, on large and small body parts, and improve techniques to move in and out of balances using a variety of rolls and jumps
- Perform our compositions to others and critique others' compositions

**Weekly basketball sessions** with Newcastle Eagles' coach - leading to a 'Hoops for Health' Roadshow. We will also be entering 3 teams for the year 5 & 6 Thorp Cluster Basketball Tournament

### Geography

**As geographers, we will learn about:**

- The water cycle processes including evaporation, condensation and precipitation
- The location of major rivers in the UK and worldwide
- Key features of the upper, middle and lower course of a river
- Erosion and deposition to change the shape of the land
- How rivers can be used for leisure, industry and conservation

**We will develop our geographical skills by:**

- Using map skills, including the use of grid references to identify the source and mouth of major rivers
- Using the internet to carry out research on worldwide rivers
- Writing an explanation text of the journey of a river using key geographical vocabulary
- Debating for and against the use of rivers for leisure, industry and conservation.

### Computing - Word processing

As technology experts, we will use Microsoft Publisher to create photo stories by:

- Adding and manipulating images and text
- Layer images and texts
- Adding effects to improve images
- Creating consistent presentation effects to create a particular style

### Art and Design - River paintings - Claude Monet

As artists, we will study the impressionist style of painting through Claude Monet's River Thames series. We will work towards producing our own paintings of the Tyne using the same techniques.

We will develop our skills in the use of paint and colour:

- Explore primary, secondary & tertiary colour mixing
- Use broad marks and strokes to create effects that suggest an image i.e. give the impression of a scene