

### As mathematicians we will:

- Develop our understanding of place value up to 10,000
- Compare and order numbers
- Make number patterns
- Counting in 6's, 7's, 9's
- Rounding
- Add and subtract to 10,000 including with renaming
- Multiply (x6,x7,x9,x11, x12) and divide ( $\div 6, \div 7, \div 8, \div 9, \div 11, \div 12$ )

### As Scientists we will:

- *Identify and describe the functions of different parts of flowering plants: roots, stem, leaves and flowers.*
- *Explore the requirements of plants for life and growth (air, light, water, nutrients from soil, and room to grow) and how they vary from plant to plant.*
- *Investigate the way in which water is transported within plants.*
- *Explore the role of flowers in the life cycle of flowering plants, including pollination, seed formation and seed*

### As Information technologist we will develop a simple educational game and prototyping an interactive toy.

- Add graphics and sounds to games
- Find out about inputs and outputs.
- Use different programs
- Test and improve ideas
- Present ideas.

### As Geographers we will:

- Study the United Kingdom
- Study its main physical and human features
- Look at changes over time.
- Explore similarities and differences from other countries

## Land of Hope and Glory Autumn Term

### As Design technologists we will be learning to:

- Design, make and evaluate 'Great British Foods'
- Prepare ingredients hygienically using appropriate utensils.
- Measure ingredients to the nearest gram accurately
- Follow a recipe
- Assemble or cook ingredients (controlling's the temperature of the oven or hob if cooking.

### As Artists we will:

- Draw and paint images of the landscapes and cities we study
- Take inspiration from some of Europe's great artists over the centuries with a focus on 'Ulrike Ricky Martin'
- Create Jurassic art by designing and creating a cardboard relief ammonite
- Develop our skills of observational drawing, shading, cutting, sticking.

### Global Knowledge

We will expand our global knowledge by comparing plants around the world in science. We will also compare the UK to other countries around the world looking at similarities and differences.

### Resilience

As resilient learners we will explore times of change e.g coal mining, effect of storms/floods in recent years and how this impacted upon people and their communities.

### As Writers we will:

- Explore story settings
- Write and perform plays
- Write riddles
- Create informative reports
- Build our vocabulary for Poetry

### As Readers we will learn to understand texts. To do this we will:

- *Draw inferences from reading.*
- *Predict from details stated and implied.*
- *Recall and summarise main ideas.*
- *Discuss words and phrases that capture the imagination.*
- *Retrieve and record information from non-fiction, using titles, headings, sub-headings and indexes.*
- *Prepare poems and plays to read aloud with expression, volume, tone and intonation.*
- *Identify recurring themes and elements of different stories (e.g. good triumphing over evil).*
- *Recognise some different forms of poetry.*
- *Explain and discuss understanding*

### First-hand experiences

We utilise the local community to help us develop our map skills in Geography.

### Values

We develop our understanding of different values during this topic.  
Respect  
Resilience  
Patience  
Hope