



Respect Resilience Responsibility

# Curriculum Information for Year 6—Spring 2020

## This term we will...

### Maths:

#### Learn how to:

- Add and subtract fractions with common denominators and different denominators
- Multiply and divide fractions by other fractions
- Calculate fractions and percentages of amounts
- Add and subtract using whole/decimal numbers
- $\times$  multi-digit numbers, including decimals, by a two digit number;
- $\div$  multi-digit numbers by a two digit number
- Use BODMAS to calculate
- $\times$  and  $\div$  decimals with up to three decimal places by 10, 100, 1000
- Use  $\times$  facts to derive new facts

We will focus on fractions, decimals and percentages, including calculations involving them, before studying data handling, properties of 2D and 3D shapes, and angles, position and direction.

### Science: Living Things and Their Habitats and Evolution and Inheritance

#### Learn that:

- living things are classified into groups based on similarities and differences
- Living things change over time and adapt to suit the environment

#### Learn how to:

- classify living things
- Give reasons for the classifications
- Identify how plants and animals have adapted
- Use fossils to determine what lived on Earth millions of years ago

**Learn why:** living things adapt and change

**Design:** a branching database

### English:

#### Learn how to:

Write to entertain, working on the following texts and skills:

- Setting descriptions—using a range of figurative language to add detail
- Myths and legends - using adventure story structures and techniques to plan and write their own Greek myth
- Grammar—main and subordinate clauses, expanded noun phrases, adverbials, use of colons, prepositions, pronouns, past and present progressive tense and subjunctive mood
- Spelling— difficult to hear consonants and vowels, ance/ence.

#### Reading

- The children will read texts as a whole class and practise using various comprehension skills such as inference, deduction, summarising, predicting and retrieval. They will use Reading Plus to regularly practise these skills and increase fluency, stamina.

### Computing:

#### Learn how to:

Select, use and combine a variety of software to design and create a range of content including:

- Presentations
- Graphics
- Animations
- Graphs and charts

### P.E.

#### Learn:

- Basketball– ball control, shooting, passing and dribbling skills before applying to small sided games
- Hockey – ball control, shooting, passing and dribbling skills before applying to small sided games

### History

#### Learn:

- That the Ancient Greeks lived in city states
- That different city states had different characteristics and the wars that took place between them
- About the Greeks through the study of Greek vases and artefacts
- How the Greek society has had an impact on modern society
- About the notion of democracy
- About daily life in Greek society

### Art/DT

#### Learn how to:

- Combine patterns and pictures to effect when designing Greek pottery
- Use and apply their knowledge of electrical circuits to design and make simple electrical games and devices

### Geography

- **Identify** features on a variety of different maps.
- **Identify** similarities and differences between the North Yorkshire Moors and the Amazon Rainforest
- **Identify** key features of different landscapes

### Music

- **Listen** to different styles of music and begin to talk about it using musical language.
- **Learn** a variety of different songs using different singing skills such as: legato, dynamics, rhythm.
- **Perform** as a group and be able to provide simple accompaniment to songs

### French

- **Use** words to describe different types of houses
- **Discuss** what their house is like
- **Talk** about where they live
- **Say** who they live with

### R.E.

- **Learn** the meaning of key terms e.g. stereotype, discrimination and prejudice
- **Understand** how different religions deal with prejudice and discrimination
- **Know** stories from different religions that show how they deal with prejudice and discrimination

### P.S.H.E.

- **Understand** why we make goals
- **Consider** the importance of resilience and determination
- **Look** at examples of famous people who have shown resilience in achieving their goal
- **Set** their own targets and goals both short-term and long-term