

# Curriculum Overview for Year 6 Autumn, 2020

## English

### Writing

- Selecting vocabulary and grammatical structures that reflect the level of formality required mostly correctly (non-fiction)
- Using a range of cohesive devices, including adverbials, within and across sentences and paragraphs (non-fiction)
- Selecting verb forms for meaning and effect (non-fiction and fiction)
- Creating atmosphere (fiction)

We will be focusing on the following genres and text types this term:

- Non-Fiction: Newspaper reports
- Non-Fiction: Non-chronological reports
- Non-Fiction: Explanation and instruction texts
- Non-Fiction: Persuasion in formal letters (linked to Environment and Sustainability)
- Fiction: Detective stories
- Fiction: Stories from other cultures
- Poetry: Ballads and narrative

## Topic

### WWII- Your Country Needs You!

- Who started WWII?
- How WWII affected Britons
- What kind of propaganda was used?
- Use map works to figure out which countries were involved and affected by WWII

## History

We will learn about life in Britain during World War Two, being part of Britain, democracy and mutual respect:

- Developing a secure knowledge and understanding of British, local and world history
- Noting connections, contrasts and trends over time

## Mathematics

We will be developing strategies in number through topics on: place value, addition and subtraction, multiplication and division. In place value we will cover negative numbers and rounding numbers to a required degree of accuracy. Children will multiply and divide multi-digit numbers up to 4 digit by a 2 digit number. E.g. 2015 divided by 5. We will also solve number and practical problems that involve all these areas.

Children will be taught arithmetic skills on a daily basis. These are specific questions covering all aspects of number operations, including percentages, fractions and decimals.

## Design & Technology (IPC)

We will be creating a wired ghost sculpture with 3D coloured poppy which will be placed in the allotment with additional resources; sand bag and camouflage army net.

## HEALTHY LIFESTYLES

- Global food crisis
- Child labour and fairtrade
- Intensive vs Sustainable farming
- Make bread
- Take responsibility for health
- Fast food restaurants

## Science

### Light

- \*\*recognise that light appears to travel in straight lines
- \*\* Use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye
- \*\*explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes
- \*\*use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them

### Electricity

- \*\*associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit
- \*\*compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches
- \*\*use recognised symbols when representing a simple circuit in a diagram

## PSHE and Citizenship

### Being in My World

- How it feels to be me
- My world
- Lifestyle choices

### Celebrating Differences

- Enjoying being me
- Celebrating being unique

## PE

### Games

- **Fitness circuits**
- **Tag/invasion games**
- **Boxercise**
- Outdoor and adventurous activities.
- Use running, jumping, throwing and catching in isolation.
- Play competitive games [for example, badminton, basketball, cricket, football, hockey, netball, rounders and tennis], and apply basic principles suitable for attacking and defending.

## RE

We will be learning about:

- Living by Rules
- Being Fair and Just
- Creating Unity and Harmony
- Cultivating Inclusion,
- Identity and Belonging

## Computing

### Algorithms + Programming

Use Alice 2.4 interface (WWI)

### Data and information

Explain how computers represent all data in binary (Maths)

### How computers work

Use and create hyperlinks (WWI)

Navigational methods (WWI)

Blog posts (WWI)

### Communication and safety

Discuss social and ethical issues raised by the role of computers in the world (PSHE)

## Geography

We will be learning about the following related to Tudor times:

- Locality study- Germany & Berlin
- Building on geographical skills
- Map work using atlases and Google Earth