

## Spring Term Curriculum Information Year 5/6

### English

Texts we will cover:

Alma (Visual text), Once (Maurice Glezman), Clockwork (Philip Pullman)

Non fiction – various linked to topics

What we will write:

- Descriptions of settings and characters
- Persuasive letter
- Stories
- Diaries
- Non-chronological reports
- Spellings, punctuation and Grammar

### Maths

What we will learn:

- How to apply mathematical knowledge to real life problems.
- Place value, estimating, rounding.
- Use efficient methods for adding, subtracting, multiplying and dividing
- Solve problems involving number, measures and time
- Space, shape and measures.
- Handling data (reading and interpreting different types of graphs)
- Ratio and proportion

# Science

Topics covered: Light, Electricity

What we will learn:

- *Recognise and explain how light travels by creating a model of light travelling.*
- *To 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 by creating a periscope and explaining how it works.*
- *To recognise that light appears to travel in straight lines by investigating refraction.*
- *To recognise that light appears to travel in straight lines by exploring prisms and creating colour wheels.*
- *Investigate how a prism changes a ray of light to show the spectrum.*
- *To identify scientific evidence that has been used to support or refute ideas or arguments by performing a shadow puppet show about Isaac Newton.*
- *Explore the brightness of a bulb or the volume of a buzzer in comparison to the voltage used.*
- *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.*

# Topic

WW2 through studying Nancy Wake in Commando Joes.

What we will learn:

- *The causes of WW2.*
- *The life of an evacuee*
- *The impact of Rationing*
- *The role of women in WW2*
- *The Holocaust*
- *The key events on a time-line*

- *Our local area during WWII*

## Computing

Topics covered: Online Safety

What we will learn:

- How to be safe on the internet, especially social media.
- How to record and edit a green screen presentation.
- How to plan an algorithm to create an interactive image.
- How to create and collect data from online forms.

## P.E

Topics covered: Gymnastics

What we will learn:

- Moves, Rolls, Jumps and Shapes to build a sequence
- How to improve on performance
- How to warm up and cool down to keep the body healthy
- The importance of a healthy life style
- How to work in a team
- The importance of respect

## R.E.

*Topics covered: How can religions help to build a fair world? (Christianity, Islam and Sikhism)*

*What we will learn:*

- *Poverty, the work of Muslim Aid, Islamic Relief and other charities, individuals that have been led by their beliefs – Anne Frank, Martin Luther King etc*
- *What the children think is fair and unfair.*
- *How Christians, Muslims and Sikhs decide how to live, moral codes, what is guidance? Sources of wisdom Also how children think they should live and why.*

## Spanish

What we will learn:

- Basic communication skills
- Introducing ourselves
- Numbers
- Learning about Spanish culture

## Music

What we will learn:

- Use correct musical language
- Sing as part of an ensemble
- Find the pulse
- Play melodies and tunes using instruments

## ART and DT

What we will learn:

- Drawing – scaled observational drawings
- Collage
- Cooking WW2 food using rations
- Building shelters using a variety of materials

## Other Activities

- Year 6 - Fund raising events for Chessington/Year book/Bowling
- Dance Marathon
- The Daily Mile
- Trip to research WW2
- Visit from Royal Liberty for science
- Library visit
- Early morning maths/English groups