



Year 6 autumn 2

The Battle of Britain

(continued)

## Science – Circulatory system

Pupils should be taught to:

- identify and name the main parts of the human circulatory system
- describe the functions of the heart, blood vessels and blood
- recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function
- describe the ways in which nutrients and water are transported within animals, including humans.

Pupils should build on their learning from years 3 and 4 about the main body parts and internal organs (skeletal, muscular and digestive system) to explore and answer questions that help them to understand how the circulatory system enables the body to function.

Pupils should learn how to keep their bodies healthy and how their bodies might be damaged – including how some drugs and other substances can be harmful to the human body. Pupils might work scientifically by: exploring the work of scientists and scientific research about the relationship between diet, exercise, drugs, lifestyle and health.

### SMSC

How can we look after our bodies?

Should some people be ineligible for heart transplants?

## English

### Writing

#### Letter writing

Children will write in the role of a soldier back to their family in WW1.

#### Persuasive writing

Pupils will study techniques used to persuade readers to think in a certain way about a subject. We will be investigating how to use emotive language, rhetorical questions and statistics to create an effective argument.

#### Descriptive writing and recount

Children will write a recount of their trip to the Tank Museum.

We will also make a leaflet to promote the tank museum and persuade people to go there,

### Grammar, punctuation and spelling

- Identify and categorise determiners
- Identify and use prepositions of both time and space
- Use relative clauses
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Spellings this term will focus on the different spelling rules outlined in the National Curriculum.

## History – The Battle of Britain (continued from last HT)

We shall be investigating a major turning point in the Second World War that occurred over the skies of Britain in 1940.

### Key questions:

Why was the opening of WW2 known as ‘The Phoney War’?

Why is the retreat at Dunkirk considered by some to be a victory?

What did Germany need to ensure a successful invasion of Britain?

What factors helped Britain win the Battle of Britain?

### SMSC

Should there be rules in war? Who gets to decide what they are?

What might have happened if Britain lost?

### Art/DT

Our art this half-term will continue to look at some of the art created around WW2 and will focus on using tone and shading to create striking line drawings. We will also be creating Christmas crafts later in the term.

## Maths

### Area and perimeter

Pupils will be able to:

- Calculate areas of squares, rectangles, triangles and circles
- Calculate areas of composite shapes
- Recognise that composite shapes may have the same area but different perimeters.
- Solve area and perimeter word problems

### Volume of solids and liquids

Pupils will be able to:

- Find one dimension of a cuboid given the volume and two dimensions
- Find one dimension of a cuboid given the volume and area of one face
- Use square roots to find the side of a square
- Use cube roots to find the edge of a cube
- Find the volume of liquid in a cubical or cuboid tank
- Find the height of water in a tank given the volume of water and dimensions of the tank

### Coordinates

- Plot coordinates in all four quadrants of a coordinate grid
- Translate and reflect shapes on a coordinate grid
- Enlarge shapes around a given point

### Averages

- Calculating the mean of sets of numbers
- Finding the mode, median and range of sets

## RE- Messiah

### Pupils will:

- know that Jesus was Jewish.
- understand that 'Christ' is the Greek word for 'anointed one', or 'Messiah' and that the Old Testament talks about a 'rescuer' or 'anointed one' – a Messiah.
- Know that Isaiah 9 v2-7 texts talks about what this 'Messiah' would be like.
- know that most Christians believe Jesus is God incarnate and they believe that his birth, life, death and resurrection were part of a longer plan by God to restore the relationship between humans and God.
- understand that Christians believe that Jesus fulfilled these expectations, and that he is the Messiah. (Jewish people do not think Jesus is the Messiah.

### SMSC/Big questions

What is a messiah?

Do we need rescuing?

How can you rescue someone?