

# REDESDALE PRIMARY SCHOOL

CURRICULUM PLANNING WEB

Y5 AUTUMN



## SCIENCE

### Properties and Changes of Materials

- Classification of everyday materials based on their properties
- Identification of reversible and irreversible changes
- Mixtures and solutions practical investigation

## DESIGN TECHNOLOGY

In Design Technology, we will be using clay to mould and sculpt a poppy linking to our learning about Flanders Field.

## COMPUTING

We will be using the programme scratch this term in computing to create our own video game in the style of PAC-MAN. The key skills for learning include:

- Designing and writing a programme
- Inputting sequences and repetition to simulate a system.
- Understand how algorithms work.

## PE

This term in P.E we will be developing skills in attacking and defending whilst learning to play Tag Rugby. We will also be developing our strength, control and flexibility during gymnastics.

## LEARNING HOOK

### World War I



## FRENCH

This term in French we are learning the vocabulary for food and drinks. This includes how to ask for food and drinks developing conversations around this topic.

## MUSIC

During Music this term we will be exploring rock Music from the 1980's. We will study the song Don't stop believing by Journey and focus on the features of a rock song by exploring artists such as Bon Jovi, Free, and survivor and understanding how these song are similar or different to each other..

## HISTORY

We will be learning about which countries were involved in WWI. Also, we will learn about how those who stayed behind on the Home Front supported the War effort.

We will discover how warfare has changed and explore the horrendous conditions soldiers fought and lived in whilst fighting in trenches.

## GEOGRAPHY

In Geography, we will explore the Western Front and find out whereabouts in the world The Great War took place. We will investigate how grid references and maps were used to track the enemies positions and consider how aerial photography helped build an idea of what the land was like where trenches were dug.

## ART

In Art, we will explore the paintings of the Nash brothers (John and Paul) who both saw active service on the Western Front and who were both commissioned as official war artists. We will also create trench silhouettes using charcoal.

## RE

Exploring 'People's Perspectives and Impressions of Jesus.' We will also be looking at the people involved in the Christmas story as written in the Bible.

## PSHE

- New Beginnings
- Say No to Bullying
- Getting on and Falling out
- Safety - how can I be responsible using my own judgement.
- Taking responsibility for my own safety-safe use of technology including mobile phones.
- Citizenship - respect for property.

## SCIENCE

### NC Links:

- Know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution.
- Demonstrate that dissolving, mixing and changes of state are reversible changes.
- Give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic.

## HISTORY

### NC Links:

#### Local History

Pupils should be taught about an aspect of local history:

- A study of an aspect of history or a site dating from a period beyond 1066 that is significant in the locality.

#### Extended chronological study

Pupils should be taught a study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066

- A significant turning point in British history, The Great War and the Battle of the Somme.

## DESIGN TECHNOLOGY

### NC Links:

- To improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials [for example, pencil, charcoal, paint, clay]
- To learn about great artists, architects and designers in history.

## GEOGRAPHY

### NC Links:

- Locate the world's countries, using maps to focus on Europe, concentrating on their environmental regions, key physical and human characteristics, countries, and major cities.
- Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied.
- Use the 8 points of a compass, 4 and 6-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and the wider world.

## COMPUTING

### NC Links:

- Use sequence, selection, and repetition in programs; work with variables and various forms of input and output.
- Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts.
- Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.

## ART

### NC Links:

- To create sketch books to record their observations and use them to review and revisit ideas.
- To improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials [for example, pencil, charcoal, paint, clay]
- To learn about great artists, architects and designers in history.

## PE

### NC Links:

- Play competitive games, (e.g. Tag Rugby) and apply basic principles suitable for attacking and defending.
- Develop flexibility, strength, technique, control and balance, through gymnastics.
- Compare their performances with previous ones and demonstrate improvement to achieve their personal best.

## FRENCH

### NC Links:

- Listen attentively to spoken language and show understanding by joining in and responding.
- Explore the patterns and sounds of language through songs and rhymes and link the spelling, sound and meaning of words.
- Engage in conversations; ask and answer questions; express opinions and respond to those of others; seek clarification and help.

## MUSIC

### NC Links:

- Play and perform, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression.
- Listen with attention to detail and recall sounds with increasing aural memory
- Appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians
- Develop an understanding of the history of music.

## RE

### NC Links:

- This unit explores a variety of perspectives on who and what sort of person Jesus was, including those of his enemies and himself.

## PSHE

### NC Links:

- Exploration and reflection upon issues through research, discussion and role-play
- Demonstrate empathy and sensitivity for the feelings of others.
- Explore through first-hand experiences (visits and visitors to school.)
- Citizenship - respect for property.