

# Medium Term Curriculum Overview

Year 5 – Spring Term 2021

## English

### Knowledge and skills linked to the following topics-

(Following Danegrove's English Guidelines and The National Curriculum).

**Speaking and Listening Skills:** including structured debates, presentations, role play and sharing our feelings/opinions.

Using talk partners, group work and class discussions.

**Reading and Writing** focusing on the following text types:

*Explanations, diaries, poetry, book study – 'The Highwayman'*

We will be having weekly spelling lists based on diagnostic testing.

Our writing skills will also focus on: sentence construction, punctuation skills and grammatical awareness.

## Mathematics

### Knowledge and skills linked to the following topics-

Decimals, fractions and percentages.

Time

Angles

Graphs

### Arithmetic and Mental Maths:

Alternate weeks, there will be mental maths and arithmetic tests. These tests will develop fast and accurate maths/problem solving strategies.

### Problem Solving:

Each week the children will be set a problem solving investigation to unravel. These investigations will enable the children to apply these maths acumen in a range of different contexts.

### Reasoning:

Each lesson will have verbal or written reasoning problems.

## Integrated Studies Enquiry - Wetlands

### \* This will cover a range of subjects within the curriculum:

- Improve their mastery of art and design techniques.(Art)
- To design a product for a particular purpose (DT)  
To evaluate products and suggest improvements (DT)
- To use fieldwork to observe, measure, record and present using a range of methods, including sketch maps, plans and graphs, and digital technologies. (Geography)
- To name and locate counties and cities of the United Kingdom and identify key features (including hills, mountains, coasts, wetlands and rivers). (Geography) – Our inquiry unit will be 'Wetlands. How and why?'

## Computing

### TARGETS:

- To design, write (code) and debug a program to achieve a specific goal.
- To explain why an algorithm works and why it doesn't.

## PE

### Knowledge and skills:

Yoga  
Hockey  
Tennis  
Swimming

## Spanish & RE

### SPANISH skills and knowledge for:

Visiting the cinema – types of film, buying tickets & food.  
Large numbers – up to millions.

### Big Questions including:

- How does peoples' belief affect the way they live their lives?  
Rules – why do we need them?  
What are some of the wonders of the world today?

## Science - Materials

- To group materials according to their properties.
- To understand that some materials will dissolve in a solution.
- To separate mixtures.
- To describe why certain materials are used for certain purposes.
- I can explain which changes in materials are reversible and which are irreversible.