

# Rockwell Green Primary School - Spring Term - Curriculum Planning—Woodpeckers

## Initial Hook / Wow:

Working with willow artist as part of World Book Day/Week



## Experience / Opportunity:

School Trip linked to recycling waste (postponed WWII train trip will take place in the summer term). Litter pick in local area



## Audience / Purpose / Product:

Feedback to the rest of school about how plastic is affecting the environment and what we can all do to help

## English:

### Theme:

We will be linking English with our topic on environmental changes, in particular, oceans and plastic pollution. We will be using the text, 'Flotsam', by David Weisner.

During Book Week we will be exploring and learning by heart the poem 'Woodpecker' from the book 'The Lost Spells' by Robert Macfarlane and Jackie Morris.

### Writing Outcomes:

- Narrative writing based on Flotsam
- Persuasive writing linked to plastic pollution

### Key punctuation and grammar focuses:

- Select appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning
- Use commas to clarify meaning or avoid ambiguity in writing.
- Use brackets, dashes or commas to indicate parenthesis.
- Use semicolons, colons or dashes to mark boundaries between independent clauses.
- Accurately punctuate speech.

### Remote learning:

<https://classroom.thenational.academy/units/whale-rider-narrative-writing-3178>

## Vocabulary:

biodegradable	micro beads
durable	decompose
fossil fuels	toxic
global warming	landfill
pollution	industries

## Music:

Charanga Y6 Unit 3— Performing Disco Fever—singing and playing glockenspiels.

Charanga Plastic—Writing a song about plastic pollution.

Remote learning: Charanga <https://www.somersetonline.com/site/log-in/>

## Science:

### Living things and their habitats

Describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including microorganisms, plants and animals. Give reasons for classifying plants and animals based on specific characteristics.

Remote learning: <https://classroom.thenational.academy/units/humans-and-animals-over-time-db18>

## Computing and Technology:

### Purple Mash

Text based adventures.

Children will explore what text based adventures are and then using coding to create a map based adventure.

Remote learning: <https://www.purplemash.com/sch/rockwell>

## Maths:

### Fractions and percentages

- Use knowledge of adding and subtracting related fractions to solve problems in a range of contexts
- Compare pairs of non-related fractions and explain which method is most efficient
- Multiply fractions and divide fractions by a whole number
- Understand what percent means and how to represent a percentage in different ways
- Convert percentages to decimals and fractions
- Solve conversion problems in a range of contexts
- Use knowledge of calculating percentages of a number to solve problems in a range of contexts
- Solve problems where the percentage part and the size of the part is known and the whole is unknown and where the known percentage part and the size of the part changes the whole

Remote learning: <https://classroom.thenational.academy/units/fractions-decimals-and-percentages-8726>

### Ratio and proportion

- Describe the relationship between two factors (in a ratio context)
- Use multiplication and division to calculate unknown values
- How and why scaling is used to make and interpret maps
- Use knowledge of multiplication and division to solve scaling problems in a range of contexts
- Identify and describe the relationship between two shapes using scale factors

Remote learning: <https://classroom.thenational.academy/units/proportion-problems-1d07>

### Algebra

- Explain why sometimes there is only one solution to a sum and difference problem and a sum and multiple problem
- Systematically solve problems with two unknowns using 'trial and improvement'. Explain how I know I have found all possible solutions to problems with two unknowns

Remote learning: <https://classroom.thenational.academy/units/extending-calculation-strategies-and-additive-reasoning-6e61>

## Religious Education:

What do Christians believe about Salvation? Easter

Remote learning: <https://classroom.thenational.academy/units/christianity-90fd>

## PSHE:

Rights and Responsibilities: saving money; jobs and taxes; sustainability; democracy

## Physical Education:

Real PE and Real Dance—Creative learning focus

## What's happening to our planet?



## School Value Courage

## Geography:

Describe and understand key aspects of physical geography, including: climate zones, biomes and vegetation belts. This half term we will be exploring the ocean biome in more detail. We will explore the different layers of the oceans and the creatures that dwell there before looking at how we as humans use the oceans and seas.

We will look at how we are having an impact on the environment through the use of plastic products and the pollution this is creating around our planet.

<https://classroom.thenational.academy/units/sustainability-d96e>

<https://classroom.thenational.academy/units/biomes-bd47>

## Art and Design & Technology:

We will finish our work on Henri Rousseau by producing our own rainforest painting.

We will then move onto sculpture and look at how plastic can be recycled into Art.

## French:

A School Trip: Develop accurate pronunciation and intonation so that others understand when they are reading aloud or using familiar words and phrases.

Remote learning: <https://classroom.thenational.academy/units/en-ville-c712>