

Rockwell Green Primary School - Summer One - Curriculum Planning - Woodpeckers

SATS Week:

11th– 14th May 2026
Parent Meeting SATS– 30th April 3.30pm

Audience / Purpose / Product:

DT - Make a Moving Toy

English:

Theme:

We will be linking English with our Geography topic on environmental changes, in particular, rainforest deforestation and destruction for palm oil production. We will be using the text, 'There's a Rang-Tan in my Bedroom' by James Sellick.

Writing Outcome:

- Persuasive letter

Key focuses include:

- Select appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning
- Assess the effectiveness of their own and others' writing
- Propose changes to vocabulary, grammar and punctuation to enhance effects and clarify meaning
- Recognise vocabulary and structures that are appropriate for formal speech and writing
- Linking ideas across paragraphs using a wider range of cohesive devices:
- Use dictionaries and thesauruses to check the spelling and meaning of words

Vocabulary:

continent	light source
equator	transparent
hemisphere	translucent
biome	opaque
rainforest	reflection
ocean	refraction
deforestation	shadow
pollution	spectrum
sustainability	

Music:

Improvising with Confidence
A focus on phrasing and dynamics.

Science:

Light : Use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye. 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. Know that light is made up of seven colours known as the visible spectrum. Understand that when light travels from one material to another refraction occurs. Use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them.



What is happening to our planet ?



Computing:

Coding-

This unit builds on learning from previous coding units. Children will learn how to use cloning and hotspots within their programs. They will use more complex flowcharts to help them test and debug existing simulations, building up to developing a text-based adventure game.

Maths:

This half term, the focus in mathematics is on consolidating and revising key arithmetic skills alongside developing pupils' reasoning and problem-solving abilities in preparation for end-of-key-stage assessments.

Pupils will revisit the four operations (addition, subtraction, multiplication, and division), ensuring fluency with both written and mental methods. Emphasis will be placed on accuracy, efficiency, and the ability to select appropriate strategies when solving calculations. Key areas include long multiplication, short and long division, and the application of number knowledge to fractions, decimals, and percentages. Alongside arithmetic, pupils will engage in a wide range of reasoning activities. They will be encouraged to explain their thinking clearly, justify their answers using mathematical language, and identify errors in given solutions. Problem-solving tasks will require pupils to apply their knowledge in unfamiliar contexts, often involving multiple steps and the interpretation of information.

School Value Justice

RE:

What do Christians believe about Agape?

Geography:

Human and physical interconnections

- Children will learn where some rainforests and the major oceans are located in the world in relation to the continents and the equator.
- Children will learn about the impact of deforestation in the rainforests linked to palm oil production and plastic pollution in the ocean.
- They will learn about how we can live more sustainably so we have as little impact on the earth as possible.

Design & Technology:

Moving toys

Consider the purpose of moving toys and who they are made for. Investigate how they work and evaluate others' designs. Learn about cam mechanisms and followers. Design own moving toy using cam mechanisms. Make the designed moving toy and evaluate it.

French:

The Future

Children will learn how to use the future tense to talk about what they are going to do. They should begin to understand how the future tense is formed using "aller" ("to go"), and how to use it in third person sentences.

RSHE:

No Outsiders

SCARF Unit– Being My Best

Objectives Include:

- Identify aspirational goals;
- Develop a holistic approach to healthy eating.
- Identify risk factors in a given situation (including online);
- Understand and explain the outcomes of risk-taking in a given situation, including emotional risks;
- Know where to go for advice and support when they feel worried or concerned about something online.
- Describe how the five ways to wellbeing contribute to a healthy lifestyle, giving examples of how they can be implemented in people's lives.

PE:

Core Real PE– Physical

Athletics