

Year 5 Spring 2: What a Wonderful World - Rivers

Curriculum connections

4

English

Fiction: based on the book Wonder by P. J. Palacio

Build effective relative clauses where the relative pronoun is omitted.

Use a range of cohesive devices within and between paragraphs.

Create imaginative characters and settings based upon the work of real authors.

Start using the active and passive voice.

Blend action, description and speech to convey a character and move a story along.

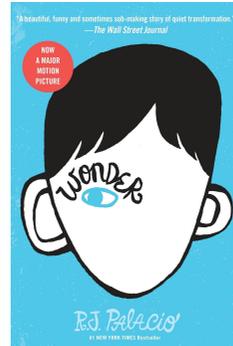
Non Fiction: Instructions

Use key features of instructions, such as imperative verbs, to write a set of precise instructions on how to propagate plants.

Grammar:

Start using active and passive voice.

Identify and use modal verbs.



4

Maths

Number: Read, write, order and compare numbers to at least 1,000,000.

Count forwards and backwards through zero to include negative numbers.

Read Roman numerals to 1000.

Fractions, decimals and percentages: Add, subtract and multiply fractions; read, write, order and compare numbers with up to three decimals; solve real life problems using fractions, decimals and percentages.

Recognise mixed numbers and improper fractions.

Round decimals to the nearest whole numbers.

Position and direction: Identify, describe and represent the position of a shape following reflection or translation.

Statistics: Solve comparison, sum and difference problems using information presented in a line graph.

2

Geography

Rivers and their importance to humans

Expand knowledge of the world rivers to include the Amazon, Nile and Ganges.

Use maps, atlases and digital mapping to locate countries and cities.

Describe and understand the key aspects of rivers and their importance to settlements and economic activity.

Use fieldwork to observe and record human and physical features linked to the River Thames.

4

Art

Inspired by David Hockney

Use sketch books to record observations and evaluate.

Use a range of sketching and painting techniques.

Improve mastery of art and design techniques, including painting with a range of materials.

Evaluate and analyse creative works using the language of art, craft and design.

Know about great artists, architects and designers in history.



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1

Science

Reproduction of plants

Describe the life processes or reproduction in some plants. Name, locate and describe functions of the main parts of plants including those involved in reproduction.

Properties and Changes of Materials

Explain that some changes result in the formation of new materials and this is an irreversible change.

Understand that some materials will dissolve in liquid to form a solution.

Plan different types of scientific enquiry to answer questions, including controlling variables.

Record data and results using scientific diagrams, labels, tables, scatter, bar and line graphs and classification keys.

1

RE

Judaism

How important is it for Jewish people to do what God asks them to do?

Identify the 10 commandments and the meaning behind each one.

Reflect on what Passover teaches Jews about God.

Discuss how human beings, individually and collectively, can make the world a better place.

3

3

Computing

Mars Rovers 1

Learn about the automated motor vehicle, Mars Rover, exploring how and why the Mars Rover transfers data, understanding how messages can be sent using binary code and experiencing how to: programme a Mars Rover, calculate binary addition and represent binary as text.

Online safety:

Learn the difference between online and offline bullying, and what to do if they experience online bullying.

4

5

3

PE

Orienteering

Develop ability to orientate a map and locate points in a set order within a set time.

Further develop collaboration skills.

Badminton

Understand how to create space to win a point and further develop forehand and backhand strokes.

4

5

4

Music

Preparing for VIAM

Learn the songs by heart.

Sing a harmony part.

Sin with confidence, fluency and expression.

3

PSHE

Healthy Me

Understand the health risks of smoking and how tobacco affects the lungs, liver and heart.

Recognise the risks of misusing alcohol.

Alcohol and anti-social behaviour.

Emergency first aid.

The media and body image.

Relationships with food.

Healthy choices.

Motivation and lifestyle.

4

5

Spanish

Conoce a mi familia

Draw on vocabulary learnt in Year 3.

Possessive adjectives (my) and how to express likes and dislikes in 3rd person singular.

Write a composition by recycling and re-ordering known words and phrases.

4