

# Year 5 Spring 2: What a Wonderful World - Rivers

## Curriculum connections

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## 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.

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

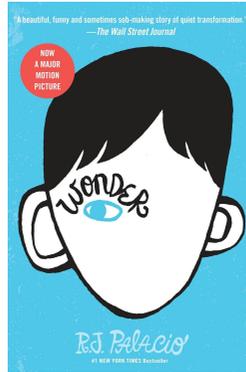
**Non Fiction: Instructions**

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.



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## Maths

**Number:**

Read, order and compare numbers up to 3 decimal places.

**Fractions, decimals and percentages:**

Find equivalence between fractions, decimals and percentages.

Understand percentages, using fractions.

**Measurement:**

Find the perimeter of rectangles.

Find the perimeter of rectilinear shapes.

Find the area of rectangles.

Find the area of compound shapes.

Find the area of a composite shape.

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.

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## 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

#### Properties and Changes of Materials

Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through **filtering, sieving** and evaporating.

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 Religious & World View Education

#### 3 Can people live by the values of Jesus in the twenty-first century?

Outline Jesus' teaching on how his followers should live.

Explain the impact Jesus' example and teachings might have on Christians today.

Outline three or more examples of Jesus' teaching on how his followers should live.

Offer interpretations of two of Jesus' parables and say what they might teach Christians about how to live.

Express their own understanding of what Jesus would do in relation to a moral dilemma from the world today.

### 3 Computing

#### Micro:bit

Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts.

Use sequence, selection, and repetition in programs.

Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts.

Online safety:

Understand the benefits and disadvantages of using technology, recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.

### 3 PE

#### Dodgeball

Consolidate ability to apply the principles of attack vs defence in games, along with throwing, catching and dodging skills.

#### Hockey

Develop an understanding of the rules of hockey.

Start to take responsibility for officiating their own games.

### 4 Music

#### Preparing for VIAM

Learn the songs by heart.

Sing a harmony part.

Sing 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.

**Character trait:** Curiosity

### 5 Spanish

#### Mi casa. My house

Say and write in Spanish whether we live in a house or an apartment.

Say what rooms we have and do not have at home using the key structure

en mi casa hay, and en mi casa no hay.

Use the connective/conjunction to link two sentences together.