

# Year 5 Spring 2: What a Wonderful World - South America

## Curriculum connections

4

### English

**Reading Spine: Pig Heart Boy/ There's a Rang-Tan in my bedroom**

5

**Fiction: Portal Tale**

Plan, draft and write a portal tale, identifying the audience and purpose of the writing.

5

Describing settings, characters and atmosphere and integrate dialogue to convey character and advance the action.  
Use a range of grammatical tools such as: show don't tell, power of three and empty words to craft a descriptive story.  
Evaluate and edit writing, correcting consistency in spelling and punctuation.

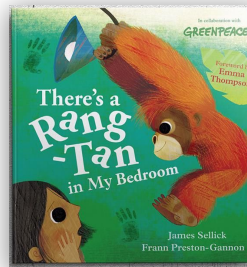
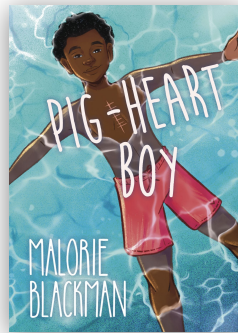
**Non-Fiction: Non Chronological Report**

Plan, draft and write a non chronological report considering organisational devices.  
Ensure there is a consistent and correct use of tense throughout a piece of writing.

Use passive voice correctly.

**Poetry:** Rainforest poetry

Plan and perform poetry based on deforestation.



4

### Maths

**Fractions, decimals and percentages:**

Find equivalence between fractions, decimals and percentages.

Order and compare decimals with up to three decimal places.

Understand percentages, using fractions.

5

**Measurement:**

Find the perimeter of rectangles and rectilinear shapes.

Find the area of rectangles and composite shapes.

Arithmetic and reasoning assessments.

5

4

### Geography

**South America**

Locate countries, capital cities and key human and physical features across South America.

5

Use maps, atlases and globes to locate the features studied.

5

Describe and understand the key aspects of climate zones and biomes located across South America.

Develop and understanding of the migration push and pull factors for people living in the Amazon basin.

2

### D&T

**Frame structures (mechanisms): Construct a moving fairground ride**

4

Research and design a fairground ride (ferris wheel) to be a new attraction at Walton on the Naze.

5

Draw and annotate exploded diagrams of final product.

Make a fairground ride selecting from a wide range of components and tools.

3

Include a motor to provide movement and/code a Microbit to display a fairground-themed message.

Evaluate the effectiveness final product.



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### 1 Science

#### Properties and Changes of Materials

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

Describe how to recover a substance from a solution.

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

Demonstrate that dissolving, mixing and changes of state are reversible changes.

Explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible

#### Working scientifically:

Use test results to make predictions to set up further comparative and fair tests.

Identify scientific evidence that has been used to support or refute ideas or arguments.

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

### 1

### RWVE

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

Work out what mattered to Jesus from his mission statement and ten commandments.

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

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

Explain how Christians today follow Jesus' teaching about justice and fairness.

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

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

### 3

### 4

### 5

### 5

### Computing

#### Micro:bit

Tinker with Micro:bit.

Program an animation.

Create a program for a specific task (pedometer).

**Online safety:** Understand how technology can affect health and wellbeing.

### 4

### 4

### 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

### 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:** Judgement

### 4

### 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 a conjunction to link two sentences together.