

## English

Read Write Inc is taught as per the information on Blue and Yellow topic webs.

### Reading skills

- Identifies themes and conventions in a wide range of books
- Reads further exception words, noting the unusual correspondences between spelling and sound and where these occur in the word
- Checks that the text makes sense to the individual, discussing his understanding and explaining the meaning of words in context
- Draws inferences such as inferring characters' feelings, thoughts and motives from their actions and justifies inferences with evidence
- Answers a range of questions about the text read

### Writing skills

- Organises paragraphs around a theme
- In narratives, creates settings, characters and plot
- Writes as if they are the person
- Uses a range of punctuation correctly
- Proof-reads for spelling and punctuation errors
- Uses standard English forms for verb inflections instead of local spoken forms
- Applies learnt SPAG to writing

### SPAG skills

- Nouns, pronouns
- Singular and plural
- Adjectives
- Homophones
- Commas after fronted adverbials
- Expanded noun phrases
- Editing and evaluating
- Determiners
- Word families
- Prepositional phrases
- Verb tenses - present
- Inverted commas
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### Focus Books:

- Shackleton's Journey by William Grill
- How to Live Forever by Colin Thompson
- The Puffin Keeper by Michael Morpurgo

## Geography

### Skills

- Is able to observe, measure and record what is seen in fieldwork
- Recognises climate zones and biomes and can explain vegetation belts
- Can explain longitude and latitude and associated terms e.g. equator
- Can use maps to research and then describe the features of an area
- Can explain volcanoes, earthquakes and geography of mountains between an area of the UK and one in Europe
- Can locate the countries of Europe (inc Russia) and describe their principle features
- Can make key comparisons between an area of the UK and one in Europe
- Can make key comparisons between an area of the UK and one in the Americas

### Activities

- Journey and case study of rivers, investigating changing landscapes and rivers of the world looking at their uses.
- Identifying mountains and mountain types, Mountains of the United Kingdom topography and contour lines.
- Can locate the countries of Europe (inc Russia) and describe their principle features
- Can make key comparisons between an area of the UK and one in Europe
- Identifying mountains and mountain types, Mountains of the United Kingdom topography and contour lines.
- The water cycle and habitats.
- Flooding
- Importance of soil.

## Green Class - Spring 2024

### Misty Mountains, Windy Rivers



## Science

### Skills

- Asking relevant questions and using different types of scientific enquiries to answer them
- Setting up simple practical enquiries, comparative and fair tests
- Making systematic and careful observations and, where appropriate, taking accurate measurements using standard units, using a range of equipment, including thermometers and data loggers
- Gathering, recording, classifying and presenting data in a variety of ways to help in answering questions
- Recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables
- Reporting on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions
- Using results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions
- Identifying differences, similarities or changes related to simple scientific ideas and processes
- Using straightforward scientific evidence to answer questions or to support their findings.

### Knowledge:

#### States of Matter:

- Compare and group materials together, according to whether they are solids, liquids or gases
- Observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C)
- Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature

#### Grouping and classifying

- Compare, sort and group living things from a range of environments, in a variety of ways, based on observable features and behaviour.
- Understand, sort and group vertebrates and invertebrates.
- Know that the plant kingdom is split into vascular and non-vascular plants.

## Music

### Skills:

Understand 'Timbre'

### Activities

- Body percussion basics
- Exploring different sounds
- Developing body percussion
- Composing a body percussion piece
- Compose and perform your body percussion piece

## Maths

### Multiplication and Division

- Understanding multiples of 10
- Understand that multiplication is cumulative and division is not
- Compare groups using <, > and =
- Multiply a 2-digit number by a 1-digit number
- Multiply a 2-digit number by a 1-digit number with exchange
- Linking multiplication and division
- Divide a 2-digit by a 1-digit
- Divide a 2-digit by a 1-digit - flexible partitioning
- Divide a 2-digit by a 1-digit - with remainders
- Multiplication by scaling

### Length and Perimeter

- Measure in metres, centimetres and millimetres
- Equivalent lengths
- Compare lengths
- Add lengths
- Subtract lengths
- Perimeter

### Fractions

- Understand the denominators of unit fractions
- Compare and order unit fractions
- Understand the numerator of non-unit fractions
- Understand the whole
- Compare and order non-unit fractions
- Fractions and scales
- Fractions on a number line
- Count in fractions on a number line

### Fractions continued

- Equivalent fractions on a number line
- Equivalent fractions as bar models

### Mass and Capacity

- Use scales
- Measure mass in grams
- Measure mass in kilograms
- Compare mass
- Add and subtract mass
- Measure capacity and volume in millilitres
- Measure capacity and volume in litres and millilitres
- Equivalent capacities and volumes
- Compare capacity and volume
- Add and subtract capacity and volume

## Design and Technology - Food

**Skills:** Understand healthy eating, safety in the kitchen and basic preparation skills.

### Activities:

- Prepare a range of foods and meals.
- chop, dice, slice, peel, mash and cut a range of foods.

## RE

### Skills

Shabbat - Judaism  
Holy week and Easter - Christianity

### Activities

Describe, explore and understand differences and similarities between religions including reasoning and questioning skills.

## Computing

### Skills

Y4:  
Can use logic to explain or correct algorithm, and solve a programming problem by breaking it down into smaller parts  
Y5:  
Use sequence, selection and repetition in programmes

### Activities:

Using J2 code

## Well being

### Skills:

#### Activity passport

### Skills:

#### Trampolining

**Activities:** Being safe whilst using the trampoline and using the correct form to bounce. Working on the individual levels.

### Skills:

#### Swimming

**Activities:** listening to the safety instructions from the instructor, ensuring they are able to enter the pool appropriately and carry out simple different strokes along with using equipment. Working on individual levels.