

# Water World

## Year 6 Spring 2022

### Science

- I can give reasons for the classification of animals, using examples as a guide.
- I can classify living things using the Linnaean system.
- I can match groups of animals to their characteristics.
- I can classify creatures based on their characteristics.
- I can design a creature that has a specific set of characteristics, using prompts.
- I can describe the useful and harmful effects of different microorganisms
- I can draw conclusions based on my results.
- I can describe the characteristics of groups or organisms, using images as prompts.

### Maths

- I can divide proper fractions by whole numbers
- I can multiply and divide numbers by 10, 100 and 1000 giving answers up to three decimal places.
- I can multiply 1-digit numbers with up to two decimal places by 1-digit whole numbers, without regrouping.
- I can multiply 1-digit numbers with up to two decimal places by 1-digit whole numbers, with regrouping.
- I can multiply 1-digit numbers with up to two decimal places by 1-digit whole numbers, with regrouping.
- I can add decimals with and without regrouping
- I can subtract decimals with and without regrouping
- I can calculate percentages of a whole number.
- I can calculate percentages of a quantity.
- I can solve problems involving the calculation of percentages.
- I can use percentage for comparison.
- I can use equivalences between simple fractions, decimals and percentages in different contexts.

### Spanish

- I know how to name and describe job titles in Spanish.
- I know how to name and discuss parts of the body in Spanish.
- I know how to write a short description in Spanish.

### PE

- I know how to control and catch a ball and how to accurately pass whilst moving.
- I know how to use my understanding of tactics and rules to participate in a conditioned game.
- I know how to move with a ball in opposed situations.
- I know how to use the principles of warming up and why exercise is good for health.

### RE

- I can analyse, explore and explain the meaning of the term 'eternity'.
- I can reflect on what is and is not eternal.

### Big Question

**Water vs humanity: who affects who?**

### Intent

**To explore and understand that there is a constant and finite amount of water in a variety of changing states.**

**To explore the impact of human activity on the sea, the impact of the sea on human activity, and identify ways in which we can modify these.**

### Computing

- I know how the media may influence news and ideas.
- I know how to collect and safely share information online.
- I know the risks involved with both conducting and watching live streams.
- I know how search engines choose and show web pages in a search.
- I know how to decide whether web sources provide balanced arguments.
- I know how to credit others' information I choose to share online.

### Art

- I can experiment with layering, printing and mixing colours to create a water-themed piece of art.
- I can explore the artistic style of ..... And use their techniques to influence my own work.

### Text

**Floodlands – Marcus Sedgwick**  
**The Water Tower – Gary Crew**

### Literacy

- I know how to plan by identifying the audience and purpose of the writing.
- I know how to note and develop initial ideas, drawing on reading and research where necessary.
- I know how to consider how authors have developed characters and settings in what I have read and listened to.
- I know how to select appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning.
- I know how to describe settings, characters and atmosphere and can integrate dialogue to convey character and advance the action.
- I know how to use a wide range of devices to build cohesion within and across paragraphs.
- I know how to use further organisational and presentational devices to structure text and to guide the reader.
- I know how to propose changes to vocabulary, grammar and punctuation to enhance effects and clarify meaning.
- I know how to ensure the consistent and correct use of tense throughout a piece of writing.
- I know how to use correct subject and verb agreement when using singular and plural.
- I know how to proof-read for spelling and punctuation errors.
- I know how to use modal verbs and adverbs to indicate degrees of possibility e.g. certainly – definitely - maybe – possibly - surely - clearly - obviously - perhaps - probably - undoubtedly.
- I know how to recognise vocabulary and structures that are appropriate for formal speech and writing.
- I know how to link ideas across paragraphs using adverbials of time [for example, secondly]
- I know how to use the passive to affect the presentation of information in a sentence.
- I know how to use commas to clarify meaning or avoid ambiguity in writing.
- I know how to use commas to indicate parenthesis
- I know how to include subjunctive forms.

### Geography

- I know how to describe various aspects of physical geography, including the water cycle.
- I know how to use maps, atlases and globes to locate key topographical features.
- I know how to identify human and physical characteristics of coastlines around the United Kingdom, and explain how these may have changed over time.
- I know how areas of the United Kingdom may have been used for settlement and differing land uses.