

# Water, Water Everywhere: Year 3/4 Curriculum Jigsaw—Autumn 2

## English

**Narrative (2 weeks)** - Reading and analysing fiction writing through identifying language, purpose, audience and structure. Explore characters and settings.

Understanding what they have read by drawing inferences around characters and making predictions based on details. Plan their writing by identifying vocabulary to capture the readers' interest, using a story board and developing characters and settings. Peer and self assess own and others' writing and improve their writing in light of this evaluation.

## **Non-chronological reports (2 weeks) and Newspapers (2 weeks)**

Analysing and evaluating non-fiction texts looking language, audience, structure and presentation. Evaluating how specific information is organised. Retrieve and record information and navigating texts in print and on screen. Group related material in to paragraphs. Plan their writing using headings and sub-headings to organise information. Peer and self assess own and others' writing and improve their writing in light of this evaluation.

## Mathematics

**Morning Maths** – Recap over previous learning, fluency and reasoning.

### **Addition and Subtraction:**

- Explore strategies and choose most effective strategy to add and subtract numbers mentally and within a column.
- Choose appropriate strategy for the calculation.
- Derive and use addition and subtraction facts to 100 and 1000 (including multiples of 5 and 10).
- Estimate the answer to a calculation and use the inverse to check.
- Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.

## History

Explore and understand how rivers (and other water sources) have influenced the development of settlements, economic activity and distribution of resources within the UK and further afield.

Explore who built canals, why, when and where.

Explore and understand how and why humans first began to use disposable plastics and how the impact of plastic pollution has changed over time.

## Science

Help to make some decisions about what observations to make, how long to make them for, the type of simple equipment that might be used and how to work safely.

Make predictions based on everyday experience.

RECORD AND PRESENT FINDINGS USING SIMPLE SCIENTIFIC LANGUAGE AND VOCABULARY IDENTIFY THE PART PLAYED BY EVAPORATION AND CONDENSATION IN THE WATER CYCLE AND ASSOCIATE THE RATE OF EVAPORATION WITH TEMPERATURE. MAKE SIMPLE ACCURATE MEASUREMENTS USING WHOLE NUMBER STANDARD UNITS, USING A RANGE OF EQUIPMENT 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).

## Computing

Use digital maps including to zoom and locate places.

Fund and view a range of satellite images.

Use presentation software to record and explain geographical features and processes.

Use spreadsheets tables and charts to collect and display data.

Explore/make use of geography in the news—online reports and websites.

## Religious Education

- How does light help us everyday?
- Why is Christingle important to Christians?
- How is light used in churches and what does this mean to Christians? What could this mean to other people?
- How should we live our lives?
- Why are some occasions sacred to believers?

## Geography

Explore and understand the impact of plastic pollution on the worlds water sources

Location Knowledge: Locate the worlds countries and rivers on a map

Describe and understand key aspects of physical geography—rivers and the water cycle

Hunan Geog: - settlements economic activity and distribution of resources surrounding rivers.

Use a wider range of maps for different purposes.

Observe, measure and record human features (plastics)

Ask searching questions: how, why, where, what etc.

## Modern Foreign Languages

### French:

Les nombres 1-12 (Numbers 1-12)

Quel âge as-tu? (How old are you?)

Les mois de l'année (The months of the year)

Les nombres 13-31

Numbers 13 -31

## PSHE and SMSC

Understand what bullying is. Discuss our responsibilities as friends and as Carleton Green citizens in not being bystanders. Understand the importance of self esteem.

Be an active member of an enterprise team. Plan, create, advertise, sell and work out profits for products at the Christmas Market.

## Art

Create a product to sell at the Christmas Market using recycled and natural resources.

Discuss and analyse the styles of artists, craft makers or designers and use this to inform their own work.

Investigate different starting points for their work, and choose which idea to develop further.

Record their thoughts and experiences in a sketch book / 'ideas journal', and begin to annotate these

Demonstrate control of chosen tools and materials to create a desired effect

## Design and Technology

Select from materials according to their functional properties.

**Think ahead about the order of their work and decide upon tools and materials.**

Use an increasingly appropriate technical vocabulary for tools materials and their properties.

Use appropriate finishing techniques.

Consider aesthetic qualities of materials chosen.

**Consider and explain how the finished product could be improved.**

Draw / sketch existing products in order to analyse and understand how products are made.

## Physical Education

Dance— Perform freely, translating ideas from a stimulus into movement using dynamic, rhythmic and expressive qualities clearly and with control.

OAA—8 points of a compass & orientate maps consistently

Throwing and catching