### **Possible Activities** Play Battleships to learn about reading coordinates Using a recycling timetable to answer problems about

dates and months of the year Convert measurements and compare decimal numbers in regard to a height chart for an amusement park ride Solve problems involving arrays, perimeter and area in the

context of planting a vegetable garden

Solve problems related to temperature charts, rainfall araphs etc.

Solve ratio and proportion problems linked to recipes in food technology

## **Possible Activities**

Explore the stages of the Water Cycle, linked to changes of state Investigate how clouds form and make a cloud-spotting guide Experiment with dissolving different solids in liquids Use filters and evaporation to separate mixtures, linking this to the water cycle and purification of water Investigate flooding and plan flood defences Investigate causes of pollution in water and ways of reducing pollution Create warning posters and investigate local pollution incidents Investigating different types of rocks and how they are used, how rocks change over time, how soil is made and how fossils are formed

Investigate the life cycles of sea birds,

pond insects, fish, amphibians and

mammals (e.g. whales)

Knowledge and Understanding of the World (Geography, History, Science) The Water Cycle Different states of water Erosion and Deposition Flooding and flood defences Litter and the Environment Global warming and carbon footprints Sources of power Where our food comes from - soil, food miles and seasonal food Rocks and soils Filtering water and dissolving

Freshwater vs seawater Mixing liquids and solids

# **Possible Activities**

Read and discuss the story of Pentecost in Acts 2 and explore what this story means to Christians.

Discuss the symbols in the story and explore ways in which the Trinity and the Holy Spirit have been presented in Art, poetry, songs etc.

Explore how Christians celebrate Pentecost Sunday. Explore the image of the Church as the 'body of Christ' (1 Corinthians 12) and what is meant by the 'fruit of the Spirit' (Galatians 5). Investigate symbols in Hindu worship and learn about some of the main Hindu gods and their symbols.

Consider different elements of a healthy lifestyle: food, fitness, hvaiene etc.

Investigate food groups and plan healthy menus What are the effects of exercise and why is it important? What are drugs and how can they affect you? (including legal drugs such as caffeine, smoking, alcohol and medicines and illegal drugs). Body changes and development and healthy hygiene Good Samaritan Award - Design a poster about benefits of exercise.



D.E.N Activities (Discuss, Explore, Negotiate) Environment Agency Laboratory Investigating water samples, where our water comes from, water around us (local rivers, reservoirs etc.), different uses of water, water habitats. Design a water collector or water carriers. Test erosion of rocks. Write instructions for growing

#### Mathematical Development (Problem solving, reasoning and numeracy) Coordinates - translation, rotation and reflection Fractions, decimals and percentages Converting units of measurement – metric and imperial Measurement problems, including time, perimeter and area

Adding and subtracting fractions

South West Water workshop Visit to the Met Office

nderstanding of Faith, Belief and Cultures How and why do people express their beliefs in different ways? (Use of the arts, music, symbols etc.) What do Christians mean when they talk about "the Kingdom of God"? What sort of

king was Jesus? What happened at Pentecost, what is the Trinity and why is the 'Holy Spirit' important

in Christian life? What are some of the main Hindu beliefs

and how are these similar or different to those of Christians?

'Thy Kingdom Come' project exploring the

#### Computing Activities Animation

Rounders

Dance

Watch short animation films and investigate the techniques used by animators.

Make a flip book

Use 'Pivot Animator' software to design a short animation Use a camera to film and make a short motion animation film Design and make an animation about the water cycle Practise debugging an animation about the water cycle

#### **Possible Activities**

Make 'Blue Peter' style instruction videos, retelling an instruction text, "How to Grow Your Own Lettuce", using equipment to demonstrate

Use the style and language of instructions texts to write our own instruction (e.g. how to filter water, how to catch a whale) Write own stories to explain something in nature, linked to Ted Hughes' book, "How the Whale Became"

Write play scripts about saving an endangered animal Role play a UN debate about environmental issues Research and write balanced arguments about issues regarding recycling, the environment and global warming etc.

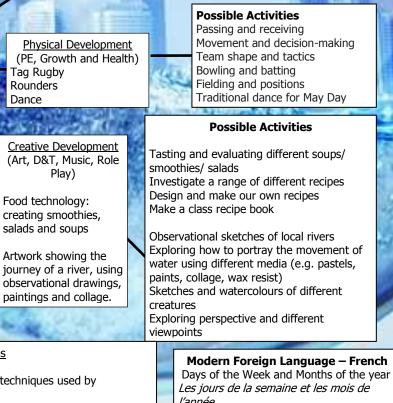
Bug Club reading, comprehension and Grammar and Spelling activities

Play spelling games, learn and use a 'word of the day'

(Speaking and insterning, reading, writing) Reading and writing instructions, stories that explain something, play scripts and information texts and/ or balanced arguments. Grammar – revising word classes and exploring how to use a wider range

of punctuation

Daily phonics and group spelling and handwriting sessions Guided Reading linked to Bug Club Comprehension



l'année Telling the time to the nearest hour Quel heure est-il? Weather and seasons Quel temps fait-il?