

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 graphs etc.
Solve ratio and proportion problems linked to recipes in food technology

Water and the Environment Branscombe

Summer 2017

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

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'

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

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

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

Possible Activities

Passing and receiving
Movement and decision-making
Team shape and tactics
Bowling and batting
Fielding and positions
Traditional dance for May Day

Physical Development (PE, Growth and Health)

Tag Rugby
Rounders
Dance

Creative Development (Art, D&T, Music, Role Play)

Food technology: creating smoothies, salads and soups

Artwork showing the journey of a river, using observational drawings, paintings and collage.

Possible Activities

Tasting and evaluating different soups/ smoothies/ salads
Investigate a range of different recipes
Design and make our own recipes
Make a class recipe book

Observational sketches of local rivers
Exploring how to portray the movement of water using different media (e.g. pastels, paints, collage, wax resist)
Sketches and watercolours of different creatures
Exploring perspective and different viewpoints

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, hygiene 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.

Understanding 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

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

Modern Foreign Language – French

Days of the Week and Months of the year
Les jours de la semaine et les mois de l'année
Telling the time to the nearest hour
Quel heure est-il?
Weather and seasons
Quel temps fait-il?