

Geography

Rivers and River Systems

Understand how a river begins. Find out what a river system is. Understand the importance of the water cycle.

Identify where river water comes from and how it gets into the river.

Understand that a river has different features and to know what these features are.

Know about the damage pollution causes to a river

Research rivers in the UK and other famous rivers around the world. Investigate how large cities have built up around nearby rivers. Name and locate cities and counties in UK.

Uses atlases as well as internet to locate places and geographical features.

The Mountain Environment.

Look at the features of a mountain environment. Locate major mountain areas of the world

See how mountain environments are similar. Study weather patterns around the world. Tourism and mountain areas.

I.T.

E-Safety – learn about the importance of staying safe whilst using the internet. Learn not to reveal personal information – text and or pictures.

APP Building

Ch. will create and build their own App on 'rivers' which they will add to as they work through the 'river' topic.

Databases

Work with simple databases and communicate findings in a digital way.

English

Fiction: The children will study novels, extracts and poems written by significant children's authors. They will write in a range of genres using a range of sentence types, fully punctuated, descriptive and audience appropriate content.

Non-Fiction: Explore the structure and language features of biographies and auto-biographies.

Reading Comprehension – show understanding of the texts read.

SPAG: Covering a variety of punctuation and grammar activities. Learn spelling patterns and rules, weekly spelling test. Handwriting practise.

Preparation for Year 6 SATs in Reading and SPAG papers

Maths

Solve multi-step word problems involving numbers, money or measures. Explain reasoning and conclusions when solving problems. Efficient written methods of addition, subtraction, multiplication and division. Ordering and rounding decimals to 3 places. Fractions and percentages.

Visualising and classifying 2D and 3D shapes. Drawing shapes, measuring angles. Constructing graphs and tables, finding the mode, range, median and mean of a set of data.

Investigating probability.

Metric conversions.

Preparation for Year 6 SATs papers

P.E.

Hockey & Football

Fair play and team-work will be taught in a range of individual, paired and small group games.

R.E.

Caring for the Earth

Explore creation myths in Judaism, Christianity, Hinduism and Islam, alongside the scientific explanations which have developed, eg, the Big Bang Theory.

Explore people's duty of care towards the earth. Consider a perfect world and how greed and natural disaster can damage it. Research how people solve such problems. Pupils finally consider the effect of such ideas on their own world-view and sense of responsibility.

What is the meaning of Easter?

Know what is celebrated on Palm Sunday. Understand the significance of special meals.

Understand significant events of The Last Supper.

French

Mon Ecole: School subjects and the school day. Say what lessons they study and what they enjoy doing at school. Know about schools in France.

Les Sports: Say what activities they like/ dislike; recognise and respond to instructions including parts of the body; record simple daily activities in French and understand related written information.

Spring Term 2017 Year 6

Technology

Bridges

Children will explore the ways in which bridge designs have changed and developed over time. They will also build models using readily available materials.

Children will need to work well as part of a team - considering the views of others will be crucial as they get to grips with designing and making a variety of model bridge designs!

Music

The children will work with South Tyneside Peripatetic Music Service to learn a musical instrument; Class 1 – Samba, Class 2 – Brass Instruments.

The learning of French songs will support their learning in MFL.

Science

Evolution and Inheritance

Describe how living things are classified into groups according to characteristics, including micro-organisms, plants and animals.

Recognise how living things change over time and that fossils are a record of living things form the past.

Identify how animals and plants are adapted to different environments and that may lead to evolution.

Recognise that living things produce offspring that are varied and not identical to their parents.

Food Diary

Children keep a food diary for one week in each season of the year. How does their diet differ from one season to another. Keep to compare with records later in the year.

Experimental and investigative work focuses on making and repeating observations, relating observations and conclusions to scientific knowledge and understanding.

Seasonal Change

Observe an area of the local park.

Living things and their habitats

Describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals.

Give reasons for classifying plants and animals based on specific characteristics