

Spring 1 22-23  
Year 5

Religion, beliefs and values-Beliefs and Moral Values

## Geography

### Sticky knowledge

The most famous river locations- Nile- Egypt, Amazon River- South America, The Mississippi- North America, The river Ganges- India, The Yangtze- Asia

The most famous rivers in the UK are the River Thames – London, The Mersey River – Liverpool, The River Humber – Hull.

The start of a river is called its "source" The middle part of a river is called a "mature river". A mature river makes a riverbed that is U-shaped. It might be very deep and run fast.

The place where the river flows out into a bigger body of water is called the "mouth" of the river.

Water is evaporated when heated by the sun. It cools and falls as precipitation.

The precipitation is absorbed into the ground, adds to large bodies of water such as lakes and the sea or flows down hills and mountains as rivers.

Tidal barriers help to protect Hull against flooding.

Planting trees and Natural wetland areas prevent flooding by absorbing high levels of water.

## Science– properties and their materials

### Sticky knowledge

Materials which are good thermal conductors allow heat to move through them easily.

Thermal conductors are used to make items that require heat to travel through them easily, such as a saucepan which requires heat to travel through to cook food.

Thermal insulators do not let heat travel through them easily. Examples of thermal insulators include woolen clothes and flasks for hot drinks.

Electrical conductors allow electricity to pass through them easily while electrical insulators do not.

Electrical insulators have a high resistance which means that it is hard for electricity to pass through these objects. Different materials are suitable for different uses because of their hardness

different materials are suitable for different purposes based on their transparency

A metallurgist is a scientist who tests metals and develops new materials

Thorpepark 50



Jigsaw We will be looking at our dreams and future goals

## Maths

Multiplication and Division

Fractions

Decimals and Percentages

Amazing Rivers  
Where will the Humber lead us?

In English we will be reading...

Hole by Louis Sachar



## Design Technology-

We will be researching, designing and making a prototype new bridge which is sturdy, strong and useable for a toy car.



## Writing-

Basic Skills

Journey Story

Persuasive Letter

Non chronological report

Performance Poetry

## Music

We will be focusing on the song 'Make you feel my love'

## Computing

This term we are focusing on programming. We will be working with flowol

