

# Curriculum Overview

## Portway Primary School

### Year 4

Term – Autumn 1

#### Science

In Science we use investigations to deepen our understanding of Science and how the world works. Each half term we have a concluding investigation question that we try to solve based on what we have learnt during the half term. Our question this term is:

**How could I get a drink of water if I am lost in the desert?**

In order to answer this question they will be learning to:

Compare and group materials together, according to whether they are solids, liquids or gases.  
Recognise that some objects can be made from different materials for different reasons.  
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).  
Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.

#### This term we will be learning about... Yorkshire



Children will be learning that:

Physical features make an area unique and special. Human features are different depending upon why people live in an area. The physical geography of an area determines the way land is used by humans.

#### Geography

Attached to this newsletter is a copy of our fact organiser for the year 4 Geography topic about Yorkshire. It shows, in detail, the questions the children will be investigating and learning about. There are links to helpful websites about the topic which you can use to support your child's learning about the topic. There is also a list of the key vocabulary your children should be able to use to explain their thinking.

We hope you find this helpful.

#### RSHE

This half term, our big idea for RSHE is 'My Emotions'. We will understand that:  
Everyone in the community have their own roles and responsibilities.  
There are universal rights for all children in the world.  
Attitudes and actions make a difference in the class team.

# Curriculum Overview

## Portway Primary School

### English

In Writing pupils will develop their skills in sentence writing by extending and adding detail to their sentences in a variety of ways. They will be learning about relative clauses, using commas for parenthesis and using the conjunctions 'when' and 'although.'

In Reading we will think deeply about our books and answer questions about them using evidence from the text. We will continue to build reading skills such as prediction and inference. We will also read a variety of supporting texts, such as poems and non-fiction texts.

**Our focus texts are: Into the Forest, The Wolves in the Wall and Gorilla**

### RE

This term our focus question is '**How and why do Hindu people worship at home and in the Mandir?**'

We will be learning about how Hindu people express their belief in God both at home and in the Mandir. We will be learning about special objects the Hindu people might have in both places and the role of prayer in Hindu worship.

### Mathematics

In Maths we will be learning about the place value of 4-digit numbers. We will be partitioning numbers into 1000s, 100s, 10s and 1s as well as partitioning numbers in different ways. We will be comparing 4 digit numbers and placing them on a number line.

We will then add and subtract 1000, 100, 10 and 1 from 4-digit numbers and round numbers to the nearest 10, 100 and 1000. We will also continue regular times table practise and are currently revising our 3 and 4 times tables.

### Computing

In this unit, pupils will be learning about how data is routed around the internet. They will be learning that the World Wide Web is one of many services which are offered over the internet. They will learn what a 'web' is and that it has a unique URL. They will learn what a website is and how information about a similar topic can be linked together.

## You might like to join in with our learning at home by:

### Reading

- **Read everyday and record this in the reading record - try a range of text types.**



### Watching

<https://www.bbc.co.uk/bitesize/topics/zgwc96f>  
<https://www.bbc.co.uk/teach/class-clips-video/religious-studies-ks2-my-life-my-religion-hinduism/zfvkhhbk>

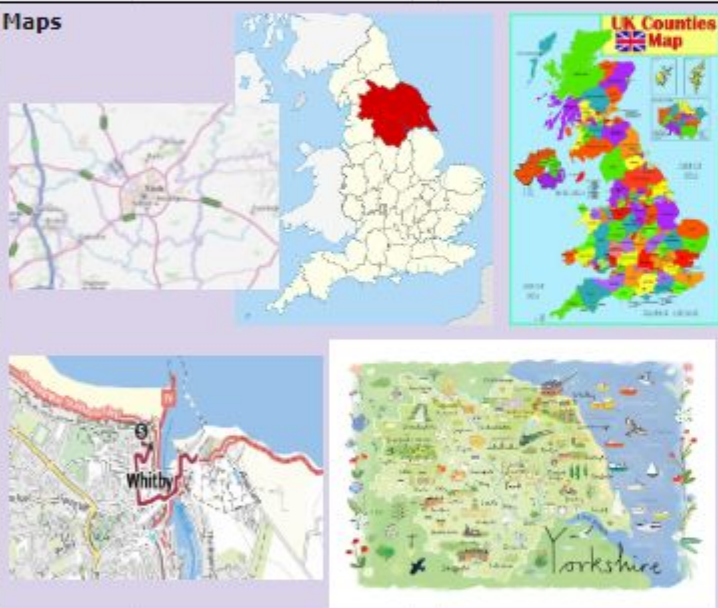
### Doing

- **Play on Times Table Rockstars 5 times a week**
- **See where you can spot evaporation and condensation in your home or out and about**

# Year 4- Geography. Final Enquiry: Why is Yorkshire an important area of England?

Theme	Learning Goal	Key Questions to be asked	Answers
	<b>Physical features make an area unique and special.</b>	Where is Yorkshire?	The United Kingdom is divided into counties which are governed locally. Yorkshire is in the NE of the country.
		What are the physical features in Yorkshire?	Yorkshire is renowned for its unique physical features such as coasts, moors, rivers etc.
		Does all of Yorkshire look the same?	York and Whitby are 2 key cities that are very different from each other due to their physical locations.
	<b>Human features are different depending upon why people live in an area.</b>	What do all humans need?	All humans need food, shelter, water and air. People change their environment to meet these needs.
		What are the significant developments in Yorkshire?	York is the main city which has a long history of human habitation. Whitby is a significant fishing town.
		How has Yorkshire been changed by humans?	The human features developed in York and Whitby were in response to the needs of the prevalent industries.
	<b>The physical geography of an area determines the way land is used by humans.</b>	What industries is Yorkshire known for?	Yorkshire specialised in fishing, mining and farming due to its coastal position, coal deposits and rolling hills.
		What is tourism?	Tourism is the the commercial organisation and operation of holidays and visits to places of interest.
		Why is the tourist industry so important to Yorkshire?	As the traditional industries were retired Yorkshire began to make more money from tourists to the area.

## Maps



## Useful websites

<https://www.climate-zone.com/>  
<https://www.worldatlas.com/>  
<https://www.mapsofindia.com/world-map/>  
<https://www.kids-world-travel-guide.com>  
<https://leeds-list.com/yorkshire/fantastic-family-days-out-in-yorkshire/>  
<https://kids.kiddle.co/Yorkshire>

Physical features	
physical features	Physical Features are the natural features on the Earth's surface. They also have another name, which is "Landforms"
coasts	the part of the land adjoining or near the sea. These can be cliffs or beaches.
moor	The British way to describe a tract of open uncultivated upland, typically covered with heather.
landscape	All the visible features of an area of land, often considered in terms of their aesthetic appeal.
Human features	
county	A territorial division of some countries, forming the chief unit of local administration.
industry	Economic activity concerned with the processing of raw materials and manufacture of goods in factories.
significant landmarks	A building or place that is easily recognised, especially one that you can use to judge where you are.
city	A permanent and densely settled place with administratively defined boundaries whose members work primarily on non-agricultural tasks.

Key Vocabulary	
Yorkshire	horizontal
views	vertical
landscapes	atlas
countryside	index
county	
Durham	grid reference
Lincolnshire	co-ordinate
Nottinghamshire	explanation
Derbyshire	point
Lancashire	data
area	

Geographical skills (Disciplinary Knowledge)	
Mapping	
Use maps with oblique and aerial views.	
Give maps a title to show their purpose.	
Use a thematic map.	
Explain what places are like using maps at local scale.	
Make a map of the small area with features in the correct places.	
Use some Ordnance Survey (OS) style symbols.	
Digital mapping - Highlight areas within a given radius.	