

Curriculum Overview

Portway Primary School

Year 1

Term – Autumn 1

Science

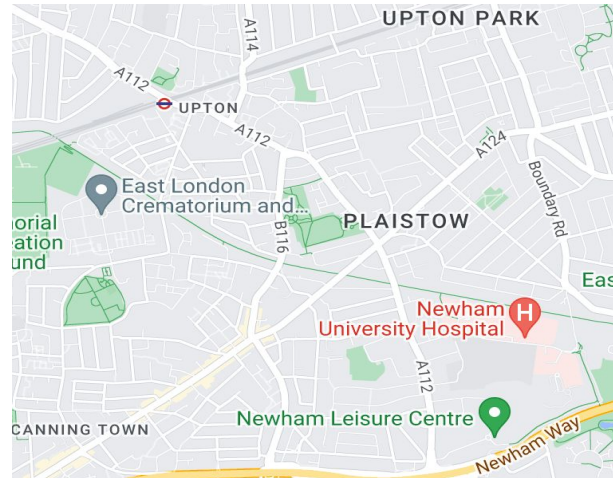
In Science we use investigations to deepen our understanding of Science and how the world works. Each half term we have a concluding investigation question that we try to solve based on what we have learnt during the half term. Our question this term is:

What should the 3 pigs build their houses from?

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

- Identify common objects.
- Name common materials objects are made from.
- Recognise that some objects can be made from different materials for different reasons.
- How to tell what material an object is made from.
- The properties materials have to make them useful.
- Recognise the different forms that one material can take when made into different objects.

This term we will be learning about... Plaistow



On Friday 19/09/2025, We will be going on a local walk to investigate the human features we can find in Plaistow. Please check your email for a link to the form regarding this trip.

Geography

Attached to this newsletter is a copy of our fact organiser for the year 1 Geography topic about Plaistow. 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:

- Describe what we feel like inside when we feel something.
- Explain how we know what other people are feeling.
- Develop ideas for keeping ourselves and others safe.
- Define what consequences are. and;
- Recognise the possible consequences of our actions.

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English

In Writing pupils will develop their skills in sentence writing making sure that they use capital letters and full stops. They will be learning about different nouns and adjectives that match them like red bus, cold water. They will also be reading and writing poems.

We will continue to follow the RWI program for phonics. Your child will bring home books to practise reading, please encourage them to have a go on their own with these books which we also read in class. Please ensure these books are returned to school weekly so we have enough in school for all the children to read.

Our focus texts are: Naughty bus, Lost and Found and We're going on a leaf hunt.

RE

This term our focus question is 'What does it mean to belong to Christianity?'

We will be looking at: groups we belong to; what we mean when we talk about belonging to groups; how Christians show they belong by having a Christening service for babies and what God means to Christian people.

Mathematics

In Maths, we will sort and count objects. We will be talking about numbers that are one more and one less than others and becoming familiar with lots of different ways of counting, up to and from numbers up to 20. We will also be becoming fluent in counting through work in arithmetic using different ways of showing numbers using ten frames, rekenreks, 5 dice and number lines.

We will be comparing numbers in different ways and will begin to use the < > = sign to compare numbers and number sentences.

Computing

In this unit, pupils will be learning about technology around them. They will be learning to identify technology and the main parts of a computer. They will also learn about the different ways in which you can use a mouse as well as using a keyboard to type on a computer.

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.natgeokids.com/uk/discover/geography/countries/facts-about-scotland/>
<http://www.safetynetkids.org.uk/personal-safety/staying-safe-online/>

Doing

- **Why not try to make a map of Plaistow and draw on your route to school**
- **Practice counting forwards and backwards from 30.**

Year 1- Geography. Final Enquiry: What could we do if we had one day to spend in Stratford?

Theme	Learning Goal	Key Questions to be asked	Answers
	Plaistow is largely made up of human features of geography.	How are human features different from physical ones?	Human features have been made or changed by people whereas physical ones naturally exist.
		What human features are common in Plaistow?	Plaistow has lots of different types of buildings that serve different purposes.
		How do people decide what buildings to build?	Plaistow has a large population so it needs to provide housing, shops and other buildings for everyone.
	The type of transport available is determined by the needs of the community.	What is a map?	A map is an aerial picture of a real place which can show a route.
		What transport can we use to travel?	Locally people travel by walking, cycling, driving or catching a bus but going further needs other types.
		How does transport change the local area?	Lots of people in an area will need to use lots of transport which then leads to greater pollution.
	Humans change their environment for different reasons.	Why has Plaistow changed?	People have made decisions about what to build based on what was needed at the time.
		How do we change places today?	Stratford is a good example of how people develop their area. This can have positives and negatives.
		What development does Plaistow need?	Not everyone will agree with what people want to build so builders need to persuade people that they are right.

Maps



Useful websites

<https://www.bbc.co.uk/bitesize/topics/zqj3n9q/articles/zffx6v4>
<https://www.bbc.co.uk/bitesize/topics/zqmitcw/articles/zqjbkhv>
<https://www.bbc.co.uk/bitesize/topics/zqj3n9q/articles/zjd66v4>
<https://www.bbc.co.uk/bitesize/topics/zqj3n9q/articles/zr8q7nb>
<https://www.bbc.co.uk/bitesize/articles/z3hcr2p#z6dphcw>
<https://www.youtube.com/watch?v=08su1FitqDI>

Physical features		Key Vocabulary	
Physical features	Physical Features are the natural features on the Earth's surface.	near	pedestrian
local area	The area around where you currently reside since by living there you are considered a local.	far	country
environment	The natural world, as a whole or in a particular geographical area, especially as affected by human activity.	local	better
Human features		above	natural
human features	Things made or built by humans like cities, houses, roads, bridges, farms. etc	top	survey
traffic	vehicles moving on a public highway.	bottom	features
Plaistow	Plaistow is a suburban area of East London, England, within the London Borough of Newham.	left	graph
development	The process of coming into existence or of creating something new or more advanced.	right	key
transport	A system or means of conveying people or goods from place to place.	address	improve
pollution	Pollution is anything that makes the earth dirty and unhealthy. Land, air, and water are all affected by pollution.	traffic	built
Geographical skills (Disciplinary Knowledge)			
Mapping			
Find information on an aerial map.			
Follow a route on a map using directional vocabulary.			
Use own and agreed symbols on maps.			
Look down on objects and make a plan.			
Draw around simple shapes and explain what they are on the map for example houses.			
Enquiry / Fieldwork			
Ask simple questions about observed phenomena.			
Use pictures / stories to find an answer to a simple question.			
Use simple fieldwork to study the key human and physical features of the local area.			