



Portfields Primary School Medium Term Plan



Year Group – 6

Subject - **Geography**

Topic – **Our World in the Future**

Term – **Summer 1**

National Curriculum	Key Questions		Substantive Knowledge	Key Vocabulary	Real-Life Links
<ul style="list-style-type: none">- Name and locate counties and cities of the United Kingdom, geographical regions and their identifying human and physical characteristics, key topographical features (including hills, mountains, coasts and rivers), and land-use patterns, and understand how some of these aspects have changed over time.- Describe and understand key aspects of physical geography, including climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle.- Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied.- Use the eight points of a compass, four/six-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and the wider world.- Use fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies.	<ul style="list-style-type: none">• What, in our region, should we preserve for the future?• What is the housing like in our area?• What are the work opportunities like in our area?• What are the public services and amenities like in our area?• What is the community spirit like in our area?		Can describe and give reasons for local land use and suggest how this might change in the future.	Human/physical features Region Enquiry Future Employment Industry Community	<ul style="list-style-type: none">- Looking at the types of housing in the area.- What is in the community that the public can use? Public spaces.- The jobs that are available in Milton Keynes and surrounding areas.- What community events happen? E.g. carnival.
	Technical Questions				
	What is the housing like in our area? <i>In Newport Pagnell, there are a range of houses from semi-detached, detached, terrace and flats. Ask the children which houses they live in.</i>	What are the public services and amenities like in our area? <i>Children may refer to cafes or pubs in the area. Children may talk about the fire station locally in Newport Pagnell.</i>			
	What are the work opportunities like in our area? <i>Discuss the shops/pubs in the town centre and the jobs that come with these. Children may discuss the jobs of their adults/family members.</i>	What is the community spirit like in our area? <i>Children may discuss the events that occur at the school when we invite members of the community in. Children may also talk about the carnival, Christmas light switch on etc. that happen in Newport Pagnell.</i>			
	Orange paper				
			Disciplinary Knowledge		
Can name and locate types of industry in the area and give reasons why they have changed over time.			Topographical features Housing: Detached Semi-detached Terraced housing Flats/apartments Bungalow Primary Secondary Tertiary or quaternary Amenities Accessible Public services Public spaces Spirit	This unit has many opportunities for fieldwork and any of the lessons could potentially include an element of fieldwork. The children will plan and carry out fieldwork activities, answering enquiry questions such as: What, in our region, should we preserve for the future? They will also look at the types of housing and industry in the region. Understanding and considering the views and needs of the community are key to this unit.	
					Can use digital maps to investigate and describe features of an area.
		Can make sketch maps of the local area using symbols, a key and a scale.			
		Can present information gathered in fieldwork using a range of graphs and other simple forms, including digital.			
Lesson Breakdown					

<u>Lesson 1</u>	<u>Lesson 2</u>	<u>Lesson 3</u>	<u>Lesson 4</u>	<u>Lesson 5</u>
<u>Learning Objective</u> LO: To plan and carry out fieldwork to answer a given enquiry question. <u>Success Criteria</u> <ul style="list-style-type: none"> I know why my local area is special. I can plan and carry out fieldwork, using appropriate techniques. I understand how to take the needs and views of others into account. 	<u>Learning Objective</u> LO: To understand how and why housing needs change over time. <u>Success Criteria</u> <ul style="list-style-type: none"> I know the range of housing available in the local area. I can generate ideas and designs that will meet the needs of the community. I understand how to make my designs sustainable. 	<u>Learning Objective</u> LO: To understand the importance of local work opportunities to the community. <u>Success Criteria</u> <ul style="list-style-type: none"> I know the different types of industry and employment currently available in the local area. I can explain how the types of industry and employment in the area have changed over time. I know that community needs may change in future, and that this will affect local industry and employment opportunities. 	<u>Learning Objective</u> LO: To understand that communities need a range of accessible amenities and public services <u>Success Criteria</u> <ul style="list-style-type: none"> I know what amenities and public services are available locally. I can use a map to locate local amenities and public services. I understand that the location of amenities and public services in communities is important. 	<u>Learning Objective</u> LO: To understand how the geography of communities affects community spirit <u>Success Criteria</u> <ul style="list-style-type: none"> I know what community spirit is and why it is important. I can describe some activities or facilities that support the development of community spirit. I understand that the design of communities can help or hinder relations.
<u>Star knowledge</u> To preserve things for the future, we should prevent the waste of natural resources, control pollution and maintain a quality environment for future generations.	<u>Star knowledge</u> In our area there is a range of different housing. In Newport Pagnell, there are a range of houses from semi-detached, detached, terrace and flats.	<u>Star knowledge</u> In our area, there are a range of job opportunities such as industries in the high street of Newport Pagnell. There are a range of shops and pubs in the town centre as well as lots of different industries in Milton Keynes.	<u>Star knowledge</u> In our area, there are a range of accessible amenities for the public. There are four Primary Schools, bus routes, post offices, two doctor's surgeries and bin lorries that remove waste weekly. Also, there is a local police station and fire station in Newport Pagnell.	<u>Star knowledge</u> In our area, there are a lot of events that help to build community spirit. For example, the carnival, Christmas light turn on, Farmer's market, community litter pick and other community events each year.

<u>Flashback Four</u>									
<u>Last lesson</u> How can schools stay sustainable? <i>Recycling, reducing water usage, switching energy off when not in use, using compost bins.</i>	<u>Last topic</u> Name two threats that our world is facing. <i>Our planet is facing many threats such as pollution, deforestation, climate change, rising sea levels and many more.</i>	<u>Last lesson</u> Name two things we should do to help preserve things for the future. <i>Prevent the waste of natural resources, control pollution and maintain a quality environment for future generations.</i>	<u>Last topic</u> How can we protect our oceans? <i>Use less plastic, reduce your carbon footprint, respect marine life, reduce energy and teach and learn about it.</i>	<u>Last lesson</u> What housing is available in the local area? <i>In Newport Pagnell, there are a range of houses from semi-detached, detached, terrace and flats.</i>	<u>Last topic</u> Name three different minerals. <i>Coal, Iron Ore, Manganese, Copper, Zinc, etc</i>	<u>Last lesson</u> Why is it important for the local area to have different types of industry? <i>Job opportunities and boosting the local economy.</i>	<u>Last topic</u> What are the renewable energy types? <i>Solar energy, wind energy, hydropower, geothermal energy.</i>	<u>Last lesson</u> Name four accessible amenities for the public in our area. <i>Primary Schools, bus routes, post offices, doctor's surgeries, bin lorries, police and fire stations.</i>	<u>Last topic</u> How do humans rely on the ocean? <i>Trade, fishing, travel and tourism.</i>
<u>Last year</u> What are two key features of the UK? <i>Name: United Kingdom/Great Britain. Countries: England, Wales, Scotland, Northern Ireland. Capital: London Population: 67,879,000 Official language: English, Scots Gaelic in Scotland, Welsh in Wales.</i>	<u>Previous key stage</u> Name four cities in North America. <i>New York, Los Angeles, Washington DC, Mexico City etc.</i>	<u>Last year</u> What did Coventry make to help the war effort? <i>Cars, bicycles, aeroplane engines and munitions</i>	<u>Previous key stage</u> Name two cities in South America. <i>Rio de Janeiro, Santiago, Lima etc.</i>	<u>Last year</u> How has our local area changed? <i>Housing developing, flooding, robots, buildings changing.</i>	<u>Previous key stage</u> Where are the islands of the Caribbean? Can you name any? <i>The Caribbean islands are South of USA, east of Mexico and Central America and north of South America. Cuba, Jamaica, Dominican Republic, Bahamas, Barbados etc.</i>	<u>Last year</u> What are the seven continents of the world? <i>North America, South America, Asia, Europe, Africa, Antarctica, Oceania.</i>	<u>Previous key stage</u> How any why does rain fall from clouds? <i>Clouds are made up of tiny water droplets. When these droplets grow they become too heavy to stay in the air and therefore fall as rain.</i>	<u>Last year</u> Name three physical features of the world. <i>Mountains, deserts, islands, plains, rivers, oceans, glaciers etc.</i>	<u>Previous key stage</u> What are the four main parts of the water cycle? <i>Evaporation, condensation, precipitation, collection.</i>

Money: Pound Sterling Major rivers: Thames, Mersey, Severn, Trent									
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If, after completing the orange paper assessment, you find a large amount of your pupils lack understanding of one particular star knowledge, you should adapt the flashback four questions for "Last Topic" in the next topic, in order to give you time to re-visit this. Please speak to the subject lead to discuss how to do this before editing the questions