💭 Orton Wistow Primary School – Curriculum Plan 🙀											
Subject : Geography		Year:	Ą	Term : Autumn							
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Vocabulary	What	Knowledge children will	know	l What ch	Inderstandir iildren will ur	ng Inderstand	What chil	Skills Idren will be	able to do		
Define the word and include	Learning	Teaching	Assessment	Learning	Teaching	Assessment	Learning	Teaching	Assessment		
etymology if useful. Humus, topsoil, subsoil, bedrock - See	Remembering Know the diff	Telling ferent layers o	Testing of soil.	Practising Understand	Coaching where most v	Observing olcanoes are	Reflecting Describe who	Facilitating	Evaluating derground.		
 Crust, mantle, outer core, inner core - See Layers of the Earth in the Useful Information. Eruption cloud, conduit/main vent, crater, lava, magma chamber - See Parts of a Volcano in the Useful Information. Active - A volcano that has erupted in the last 10,000 years, not necessarily venting lava or gases now. Dormant - A volcano that has not erupted for a considerable length of time, but is still capable of erupting. Extinct - No longer active. Tectonic Plates - Several large pieces of the Earth's lithosphere, which participate in plate tectonics. Magnitude - A measure of the energy released by an earthquake (e.g. on the Richter scale). 	Know the diff the Earth. Know the key Know that ec strengths that scale. Know that an volcanic erup tsunami. Know how to	ferent layers the y parts of a va arthquakes ha t are measure n undersea ea otion often co rnadoes are f	nat make up olcano. Ive different ed on a arthquake or auses a ormed.	Understand formed show move. Understand caused. Understand an earthque put. Understand about storm	how volcano ving how tect how an earth how to keep ske: drop, cov how scientists s.	es are onic plates aquake is safe during ver, hold, stay	Explain how v Explain how v lives and the Use extinct , d describing vo List the risks a a volcano. Explain what how they are Compare the Explain how t earthquake. Describe a ts caused by or Explain what they affect p Explain how t	volcanoes are volcanoes aff environment. dormant and colcanoes. Ind benefits of causes earthe measured. e strength of e to keep safe of unami and th ne. causes tsuna eople. tornadoes for	e formed. ect people's active when f living near to quakes and earthquakes. during an e damage mis and how m.		

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Vocabulary	Knowledge What children will know			Understanding What children will understand			Skills What children will be able to do		
Define the word and include etymology if useful.	Learning Remembering	Teaching Telling	Assessment Testing	Learning Practising	Teaching Coaching	Assessment Observing	Learning Reflecting	Teaching Facilitating	Assessment Evaluating
Richter Scale- A numerical scale for expressing the magnitude of an earthquake. Mercalli Scale - A twelve-point scale for expressing the local intensity of an earthquake, ranging from I (virtually imperceptible) to XII (total destruction).		<u>.</u>	<u>.</u>		<u>.</u>		Describe how about storms	, scientists col	lect data
 Tsunami - A very large and destructive wave, generally caused by a tremendous disturbance in the ocean, such as an undersea earthquake or volcanic eruption. Tornado - A violent windstorm characterised by a mobile, twisting, 									



Useful Information

Layers of Soil:

Layers of the Earth:







PAGE 3



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Vocabulary	Knowledge What children will know			l What ch	Inderstandir ildren will ur	ng Inderstand	Skills What children will be able to do			
Define the word and include etymology if useful.	Learning Remembering	Teaching Telling	Assessment Testing	Learning Practising	Teaching Coaching	Assessment Observing	Learning Reflecting	Teaching Facilitating	Assessment Evaluating	
having a texture, and usually firm.	Know the main events in the water cycle.			water pollut	on.	na effects of	gaseous state	er in its solia, e.	liquia ana	
Liquid - A substance that is flowing, and keeping no shape, such as water.	Know the different types of flooding .			Understand temperature	that changes cause evap	s in oration and	Describe how water changes by explaining the three states of matter.			
Melting - The transition of matter from a solid state to a liquid state.	Induction for the change of solid line of liquid. Know how to turn a liquid into a gas. Know the temperatures at which water			Understand that water has to be			Explain the key aspects of the water cycle.			
Boiling - The point at which fluid begins to change to a vapour.				Understand	how flooding	affects	Explain how clouds and rain are formed and why it rains.			
Freezing – To lower something's temperature so that it freezes or becomes hard.	Know some different types of clouds.			Understand why the water cycle is a closed cycle.			Explain where the processes of evaporation and condensation are involved in the water cycle.			
Flooding – An overflow of water from a lake or other body of water due to	Know indifine water cycle keeps going. Know some of the causes of water pollution .			Understand some of the ways water pollution affects plants and animals.			Explain why the water cycle is a closed cycle.			
water.				Understand pollution on	the effect of drinking wate	water er.	Explain how and why drinking water is cleaned.			
The Water cycle: See Useful Information - Evaporation, condensation, precipitation, groundwater, runoff	Know some ways to reduce water pollution.						Explain the causes and effects of flooding.			
Pollution - Physical contamination,							Name ways to limit flood damage.			
environment by harmful substances, or by levels of noise and light.							soggest ways to remove dir from waler.			

States of Matter:



PAGE 5



	orton Wisto	w Primary Sch	ool – Curriculun	n Plan 🛛 🚝
Subject : Geogra	phy	Year:4	Term :	Summer



PAGE 6

Vocabulary	Knowledge What children will know			Understanding What children will understand			Skills What children will be able to do			
Define the word and include etymology if useful. Prime Meridian - An imaginary line which divides the Earth into the eastern and western hemispheres. Hemisphere - A half of the earth, usually divided by the equator into the northern and southern hemisphere. Greenwich Mean Time (GMT) - All time zones start here. Longitude and latitude - See Useful Information. Polar - The great ground the North or	Learning Remembering Know where a are on a glob Know where a Antarctic Circ Know where a Iongitude on Know the loc Cancer and a Know the loc Meridian.	LearningTeachingAssessmentRememberingTellingTestingKnow where the North and South Poles are on a globe or map.Know where the Arctic Circle and Antarctic Circle are on a globe or map.Know where the lines of latitude and longitude on a map.Intervention Know the location of the Tropics of Cancer and Capricorn.Know the location of the Prime			Teaching Coaching how to find th ity using time the position c of the Prime how to locate n the latitude re provided.	Assessment Observing ne local time differences. and Meridian. e a place on and	Image: Normal childrent will be able to do Learning Teaching Assessment Reflecting Facilitating Evaluating Locate the Equator, Northern and Southern Hemisphere on a map and globe. Identify differences between the UK and the tropics. Use longitude and latitude to find places on maps, atlases and globes. Describe the key features of the polar regions.			
South Pole.	Know some countries on the Equator.						Compare the climate of the tropics with the UK climate. Explain the position and significance of time zones.			



Useful Information

Lines of Longitude and Latitude:

Longitude and Latitude

Latitude lines run around the earth east to west.

These lines are the same distance apart from each other.

Longitude lines run over the top of the earth north to south.

These lines are not equally distant from each other.

These lines are used to give the specific location of anywhere in the world using **co-ordinates**.

World Map:



