



BRIERCLIFFE PRIMARY SCHOOL
Science Curriculum Overview
"In work and play, only our best."



Subject – Science							
	Autumn		Spring		Summer		
Reception	Tell me a story All about me! Who am I and Who helps me?	Space and Celebrations Seasonal Changes Harvest in the UK What is the weather like?	Polar Explorers Seasonal Changes Signs of Spring Arctic and Antarctic How can materials change when heated or cooled?	Come Outside Food Grown in different climates Explore the natural world How can materials change when heated or cooled?	Ticket to Ride Seasonal Changes similarities and differences between the natural world around them and contrasting environments What lives alongside use?	Under the Sea Seas and Oceans Environmental Pollution - changing states of matter What lives alongside use?	
	Plants and habitats – covered on Welly Wednesdays - See EYFS planning						
Year 1 The Big Question	Humans – structure of body and senses What are our main body parts and how do they help us?		Everyday Materials Which material would be best?		Animals Mammals, birds and fish How can we sort the world's animals?		
	Throughout the year – Plants What makes a plant a plant? What plants do we have in Briercliffe?						
	Throughout the year – Seasonal Change What would it be like if winter never ended?						
Year 2 The Big Question	Living things and their habitats Who or what would live in a habitat like this?		Animals including Humans – Survival What do animals need to survive?	Animals inc Humans How we grow and stay healthy What do we need to grow and stay healthy?	Material Properties Could we ever have a tent made from paper?		
Plants throughout the year (1 lesson per half term) What would life be like if there were no plants?							
Year 3 The Big Question	Animals incl human – Health and nutrition and skeleton structure What do our	Rocks Are rocks millions of years old?	Light What is that following me?	Forces and Magnets How useful are magnets?	Plants Do you have green fingers?		



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	bones and diet have in common?					
Year 4 The Big Question	Electricity How has electricity changed our world?	Animals incl humans – linked to teeth structure for other -Food Chains Chomp or Chew What journey does our food go on?	States of Matter Solid, liquid, gases and the water cycle. What happens when materials change state?		Living things and habitats What living things belong here and what is their environment like?	Sound How do we hear things?
Year 5 The Big Question	Living things and habitats What are the similarities and differences between the life cycles of a mammal, amphibian, insect and bird?	Forces What does it take to make things move or stop?		Earth and Space (Moon diary – every 28 days) Where on earth are we in relation to other planets?	Properties and changes of materials What can we learn from materials and their properties?	Animals including humans How do humans change and grow? (2 session to be Health and wellbeing growing and changing – puberty)
Year 6 The Big Question	Living Things and Habitats – classification system Where do living things belong?	Evolution and Inheritance How did the giraffe get its long neck?	Animals incl humans Circulatory System What is the circulatory system?	Animals incl humans – keeping healthy, wellbeing etc. How can humans stay healthy?	Electricity How does electricity travel?	Light How does light travel?