



‘Where all children learn and discover together to create a better world’

## Hillcrest Primary School - Curious-city™ National Curriculum coverage 2019-2020 Yr4

Foundation “states of being” are shown here. States of being are what children learn to become - they are the key focus of the enquiry to ensure full National Curriculum coverage. The lead National Curriculum subject is **highlighted** for each enquiry. NOTE: PE and Modern Foreign Languages will, for the moment be taught discreetly. Although Art and music run throughout our enquiries, we have specialists who teach these subjects discreetly.

	<b>Giving City</b>	<b>Creative City</b>	<b>Wild City</b>	<b>Future City</b>	<b>Moving City</b>	<b>Playful City</b>	<b>My City</b>
<b>Theme</b>	<b>How many bulbs is too many?</b>	<b>What is creativity?</b>	<b>What if the city walls could talk?</b>	<b>Why are more people becoming vegetarians?</b>	<b>Why should you flush down the loo? Where does our water come from?</b>	<b>What is the difference between noise and sound?</b>	<b>Why do we live here?</b>
<b>Year 4 States of Being</b>	<b>Scientist Engineer Geographer</b>	<b>Artist Engineer</b>	<b>Historian Geographer</b>	<b>Scientist Engineer</b>	<b>Engineer Geographer Scientist</b>	<b>Scientist Engineer Musician</b>	<b>Geographer Historian Artist</b>
<b>NC Coverage</b>	<p><b>Scientist</b> Electricity: Identify common appliances that run on electricity Construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers Identify whether or not a lamp will light in a simple series circuit Recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit Recognise some common conductors and insulators, and associate metals with being good conductors</p> <p><b>Engineer</b> D&amp;T: Understand and use electrical systems in their products</p> <p><b>Geographer</b> Human and physical geography: Describe and understand the distribution of natural resources</p>	<p><b>Artist</b> Improve their mastery of art and design techniques including drawing, painting and sculpture</p> <p><b>Engineer</b> Understand how key events and individuals in design and technology have helped shape the world</p>	<p><b>Historian</b> Develop a chronologically secure knowledge and understanding of British, local and world history,</p> <p><b>Geographer</b> Name &amp; locate counties and cities of the UK, geographical regions and their identifying human &amp; physical characteristics</p>	<p><b>Scientist</b> Animals, incl humans: Describe the simple functions of the basic parts of the digestive system in humans Identify the different types of teeth Construct and interpret a variety of food chains Identify producers, predators and prey</p> <p><b>Engineer</b> Cooking: Understand &amp; apply the principles of a healthy and varied diet Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques Understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed</p>	<p><b>Engineer</b> Investigate and analyse a range of existing products</p> <p><b>Geographer</b> Locate the world’s countries, using maps to focus on Europe (including the location of Russia) and North and South America, concentrating on their environmental regions, key physical and human characteristics, countries, and major cities</p> <p><b>Scientist</b> States of matter: Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature Compare and group materials together, according to whether they are solids, liquids or gases Living things and their habitats: Recognise that environments can change and that this can sometimes pose dangers to living things</p>	<p><b>Scientist</b> Identify how sounds are made, associating some of them with something vibrating</p> <p><b>Engineer</b> Select from and use a wider range of tools and equipment to perform practical tasks</p> <p><b>Musician</b> Listen with attention to detail and recall sounds with increasing aural memory</p>	<p><b>Geographer</b> Locational knowledge: Locate the world’s countries Name and locate counties and cities of the United Kingdom Identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle Describe and understand key aspects of: -physical geography, including: rivers and mountains -human geography, including: types of settlement and land use Geographical skills and fieldwork: Use maps, atlases, globes and digital/computer mapping Use fieldwork to observe, measure record and present the human and physical features in the local area using a range of methods</p> <p><b>Historian</b> History skills: note connections, contrasts &amp; trend over time History knowledge: the achievements of the earliest civilizations</p>

