



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

## Hillcrest Primary School - Curious-city™ National Curriculum coverage 2019-2020 Yr3

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.

	Giving City	Creative City	Wild City	Moving City	My City	Playful City	Future City
Theme	How can we help people who need it?	How can we find out about people in the past?	How do plants die?	What is underneath our feet?	Why did people travel in the past?	How can you feel the force?	How has engineering shaped the world?
Year 3 States of Being	Scientist Engineer Philosopher	Historian Engineer Geographer Artist	Scientist Artist Geographer	Geographer Scientist Mathematician	Historian Engineer Geographer Musician	Scientist Engineer Mathematician	Engineer Historian Geographer
NC Coverage	<p><b>Scientist</b> Animals/Humans: Identify that animals, including humans, need the right types and amount of nutrition, and they get nutrition from what they eat. Identify that humans and some other animals have skeletons and muscles for support, protection and movement.</p> <p><b>Engineer</b> D&amp;T: Design Use research and develop design criteria. D&amp;T: Make Select from and use a wider range of tools and equipment. D&amp;T: Evaluate Evaluate their ideas and products. D&amp;T: Technological knowledge Apply their understanding of how to strengthen, stiffen and reinforce.</p>	<p><b>Historian</b> Develop a chronologically secure knowledge and understanding of British, local and world history. Answer and sometimes devise historically valid questions about change, cause, similarity and difference, and significance. Understand how our knowledge of the past is constructed from a range of sources.</p> <p><b>Engineer</b> D&amp;T: Evaluate Understand how key events and individuals in design and technology have helped shape the world.</p> <p><b>Geographer</b> Use maps, atlases, globes and digital mapping to locate countries and describe features studied.</p> <p><b>Artist</b> Improve their mastery of art and design techniques including drawing, painting and sculpture with a range of materials. Learn about great artists, architects and designers in history.</p>	<p><b>Scientist</b> Plants: Explore the requirements of plants for life and growth and how they vary from plant to plant. Investigate the way in which water is transported.</p> <p><b>Artist</b> Art &amp; design: Improve their mastery of art and design techniques including drawing, painting and sculpture with a range of materials.</p> <p><b>Geographer</b> Human and physical geography: Describe and understand key aspects of physical geography including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle.</p>	<p><b>Geographer</b> Geographical skills and fieldwork: Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied.</p> <p><b>Scientist</b> Rocks: Compare and group together different kinds of rocks on the basis of their appearance and simple physical properties. Describe in simple terms how fossils are formed when things that have lived are trapped within rock. Recognise that soils are made from rocks and organic matter.</p> <p><b>Mathematician</b> Measure temperatures and compare to the temperatures found in the different layers of the earth, in volcanoes, under the sea etc.</p>	<p><b>Historian</b> A local history study. A study of an aspect or theme in British History that extends pupils’ chronological knowledge beyond 1066.</p> <p><b>Engineer</b> Select from and use a wider range of materials and components, including construction materials.</p> <p><b>Geographer</b> Locational knowledge: Locate the world’s countries, using maps Geographical skills and fieldwork: Computer mapping to locate countries and describe the features studied</p> <p><b>Musician</b> Play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression</p>	<p><b>Scientist</b> Forces and magnets: Compare how things move on different surfaces. Describe magnets as having 2 poles. Predict whether 2 magnets will attract/repel each other depending on which poles are facing.</p> <p><b>Engineer</b> D&amp;T: Design Use research and develop design criteria. D&amp;T: Make Select from and use a wider range of tools and equipment. D&amp;T: Evaluate Evaluate their ideas and products. D&amp;T: Technological knowledge Apply their understanding of how to strengthen, stiffen and reinforce.</p> <p><b>Mathematician</b> Measurement - Measure distances Data handling - Record results of different experiments in tables and charts.</p>	<p>NEW ENQUIRY! <b>Engineer</b></p>