

## BEXLEY PUBLIC SCHOOL SCIENCE OVERVIEW

	ODD YEAR				EVEN YEAR			
TERM	1	2	3	4	1	2	3	4
<b>Early Stage 1 every year</b>	<b>Natural Environment</b> - Observing the seasons, day/night using their senses - Basic needs of living things	<b>Made Environment</b> - Familiar products, places and spaces are made to suit the purpose	<b>Natural Environment</b> - Movement of objects	<b>Natural and Made Environment</b> - Objects are made of materials with different properties				
<b>Stage 1</b>	<b>Material World (NE &amp; ME)</b> - Everyday materials can be changed and combined for a particular purpose	<b>Earth and Space (NE)</b> - Changes in the sky and landscape - Using science to care for the environment and Earth's resources	<b>Living World (NE)</b> - Features of living things - Environments for living things	<b>Products (ME)</b> - Purpose and design of locally manufactured products	<b>Material World (NE &amp; ME)</b> - Relationship between properties of common materials and their use	<b>Built Environments (ME)</b> - Design and purpose of places in local environment	<b>Physical World (NE)</b> - Sources of light and sound - Push/pull forces	<b>Information (ME)</b> - Design and purpose of information, communication and technology sources
<b>Stage 2</b>	<b>Material World (NE &amp; ME)</b> - Changing states of matter by adding and removing heat	<b>Earth and Space (NE)</b> - Changes to Earth's surface over time - Sun/Earth relationship	<b>Living World (NE)</b> - Life cycles, features of living and non-living things for basic grouping - Scientific ways to assist human impact on the environment and survival	<b>Products (ME)</b> - Design, production and use of products by humans	<b>Material World (NE &amp; ME)</b> - Physical properties of natural and processed materials and how they determine their use	<b>Built Environments (ME)</b> - Human interaction within built environments and factors considered in design and construction	<b>Physical World (NE)</b> - Heat and transfer of heat - Interactions between contact and non-contact forces	<b>Information (ME)</b> - Designing information solutions to address the need of humans
<b>Stage 3</b>	<b>Material World (NE &amp; ME)</b> - Properties of solid, liquids, gases and reversible and irreversible changes	<b>Earth and Space (NE)</b> - The Solar system and discoveries from different cultures - Rapid changes at the Earth's surface by natural events	<b>Living World (NE)</b> - Adaptations of living things for survival - Environmental conditions that affect survival	<b>Products (ME)</b> - Systems to manufacture products - Social and environmental influences on product design	<b>Material World (NE &amp; ME)</b> - Properties of materials and how they determine their use for specific purposes	<b>Built Environments (ME)</b> - Social and economic factors that influence built environments	<b>Physical World (NE)</b> - Electricity sources, transfer, transformation and use - Transfer of light to solve everyday problems	<b>Information (ME)</b> - Social influences impact on the design and use of ICT
<b>All stages</b>	<b>Working Scientifically Working Technologically</b>				<b>Working Scientifically Working Technologically</b>			

**KEY: NE = Natural Environment**

**ME = Made Environment**