



Corporation Road Community Primary School

Science LTP

End Points						
<u>Physics</u> The end-point for physics is that children know that it is the study of things around them as well as energy and forces. Children should name and be able to identify the eight planets of the solar system. From their learning, children will understand the force of gravity and as well as how other forces work on objects moving through the air, water and along a surface. Our children will learn how to create simple circuits and understand key terms such as current and voltage. Finally, children will have a working understanding of light and sound.						
<u>Chemistry</u> The end-point for chemistry at Corporation Road is for our children to understand that it is the study of what everything is made of and how it works. We want children to be able to understand the difference between a solid, a liquid and a gas and be able to name examples of them independently. Children should know the names of different physical properties of materials and identify how this can impact on how a material is used in everyday life. Finally, children should know how these different materials help during physical processes.						
<u>Biology</u> The end-point for biology at Corporation Road is for our children to understand that it is the study of life and living things. We want our children to be able to name a range of animals and plant life from their local environment but also the wider world. Building upon this, children will also be able to know the difference between vertebrates and invertebrates and be able to identify them and their features. Additionally, through their studies, children should understand the concept of adaption and why it is important for a species to survive. Finally, we want our children to understand evolution and be able to give examples where this has taken place in an animal or plant species.						
<u>Working Scientifically End Point</u> The end-point for working scientifically involves the children being able to apply a number of skills when completing an experiment or an investigation independently. These skills involve the children being able to take accurate measurements when using different scientific equipment. When explaining their findings, children should be able to use the correct scientific language to demonstrate their understanding. For children to develop as scientists, they will be able to identify the dependent and independent variables and understand what these terms means. Finally, they will be able to have the knowledge and ability to record data and results using the appropriate recording tool.						
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1/2A	Seasonal Changes					
	Animals Including Humans		Substance, Matter and Materials		Plants	
	Working Scientifically					
Year 1/2B	Seasonal Changes					
	Animals Including Humans		Substance, Matter and Materials		Plants	
	Working Scientifically					
Year 3/4A	Animals Including Humans	Sound	Forces		Substance, Matter and Materials Evolution and Inheritance	Plants
	Working Scientifically					
	Year 3/4B	Animals Including Humans	Electricity	Light	Forces	Substance, Matter and Materials
Working Scientifically						
Year 5		Animals Including Humans	Forces	Earth and Space	Light	Substance, Matter and Materials
	Working Scientifically					
Year 6	Animals Including Humans	Light	Electricity	Evolution and Inheritance		Plants
	Working Scientifically					Working Scientifically