



The Big Picture of the Science Curriculum

INTENT	Vision	<i>Exploring human thinking capacity. Development of language, logic, and problem-solving skills in the classroom.</i>					
	Values	W	A	R	M	T	H
		Well-Being	Aspire	Relationships	Motivation	Trust	Holistic
	Curriculum Design	<i>The development of subject specific skills and learning behaviours coupled to the acquisition of knowledge</i>					
Learning Behaviours		Skills		Knowledge and Understanding			
Attitudes and attributes for learning and life		Subject specific skills required to attain and excel		Deep learning of the key concepts of our curriculum and the National Curriculum			

IMPLEMENTATION	Our 10 Key Principles for Effective T&L	High Aspirations	Inspire and Challenge	Pupil Progress	Positive Habits	Variation	Developing Learning Behaviours	Relationships	Questioning and Feedback	Assessment for Learning	Subject Knowledge	
	Our Integrated Curriculum	<i>Overarching topics and themes that has a significance for our learners and society, providing relevant and inspiring learning contexts...</i>										
		e.g. Express Yourself		e.g. Discovery		e.g. Health Heroes		e.g. World War Two		e.g. The Romans		e.g. Express Yourself
	Discrete Topics, Sequences, Approaches	Blooming Beanstalks – Plant functions and seed dispersal	Estuary Advisors – Animals and their habitats	Blast Off – Exploring Space	Rainforest – Animals and their habitats	How does it work? - Electricity	Does State Matter?	The Vikings – Friction in travel	Health Heroes – Animals including humans – teeth and nutrition	How do we see? - Light		
Our Overarching Themes	Relationships		Mastery		Community		Vocabulary / Oracy	Being Healthy / Active		Equity of Education	Developing Learning Behaviours	Fluency

IMPACT	Evidencing the Improvements in the standards of T&L through...	Behaviours and Attitudes				Quality of Education			
		Learning Behaviours	Conduct	Attendance and Punctuality	Healthy and Active Lifestyles	Outcomes	Professional Development	Self-Evaluation and School Improvement	Development of skills, knowledge and understanding