



LTP 3 Year Rolling Programme- Science-Eagles

Year 1		Term 1:	Term 2:	Term 3:
FOCUS		Biology	Physics	Biology
Skills and Knowledge	1	Skeletons and Movement - Identify and name bones in the human body. - Function of the skeleton - Animal skeletons - Animals with and without spines	Light - The sun and other light sources. - How we see. - Shadows - Transparency	Plants - Parts of plants and their function. - Plant growth - Seeds and reproductive parts in plants. - Pollination and seed dispersal - Life cycle of a plant.
	2	Food Chains - Interpret food chains. - Draw food chains. - How can human activity affect food chains?	Sound - Vibrations - The ear - Volume and pitch	
Year 2		Term 1:	Term 2:	Term 3:
FOCUS		Biology	Biology	Physics
Skills and	1	Group and Classify Living Things - Grouping and classifying animals. - Vertebrates and invertebrates - Grouping and classifying plants.	The Digestive System - Teeth; carnivore, herbivore, omnivores. - Human teeth - Teeth Decay - Stages of the digestive system	Forces - Pull and push forces - Friction
	2	Biology Habitats - Living things and their habitats. - Human impact on habitats.		Magnets - Explore magnets - Magnetic and non-magnetic materials - Magnetic forces- attract and repel.
Year 3		Term 1:	Term 2:	Term 3:
FOCUS		Biology	Chemistry	Physics/ Sustainability
Skills and	1	Nutrition and Diet - Food groups - Balanced diets - Animal diets	States of Matter - Solid, liquid, gases - Changing state - The water cycle	Physics: Electricity - Appliances that use electricity. - Build and draw series circuits. - Conductors and insulators.
	2			Sustainability: Energy - What is energy? - How can we reduce our energy usage?