

Lowbrook Academy

Science and Technology Long Term Plan 2016-2017

Year	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
EY1	My Family and I & People who help us. Making cakes for their family.	Our School & Celebrations. Parent speaker visits. School maps. Making party snacks.	Space. Rocket role-play. Investigating materials. Making alien slime!	Dinosaurs & Easter. Dinosaur museum trip. Dinosaur cookies. Melting chocolate.	Minibeasts & Healthy Food. Insect talk & collecting. Investigating the pond area. Making fruit kebabs.	Holidays. Lookout trip. Making ice-Iollies.
Year 1	Ourselves and animals	Light (inc seasonal changes) and sound	Speed and forces Tech-Catapult plane	Green Plants Tech-Make Scarecrow	Life Processes(Frogspawn)	Sorting materials Tech-Making bread rolls-
Year 2	Materials Technology: Making boats.	Healthy living	Habitats	Nurturing plants	Life processes (ducks)	Life processes (ducks)
Year 3	Nutrition and the structure of the human body	Everyday materials Tech-Shelters	Forces and magnets Tech-Jack in the box	Investigating rocks &soils	Light & shadows	Green Plants Tech-Garden Equipment
Year 4	Habitats	Electricity DT Circuits-Christmas Lights	States of matter	Sounds Tech-Musical Instruments	Teeth and the digestive system	Growth DT Food: Nutrition-foods for different health groups
Year 5	Materials and their properties and changing states (Irreversible & reversible).	Earth and Space: The planets of the solar system, The sun. Tech-Scale Models	Micro-Organism Tech-Making Bread.	Types of Force. Technology-Bridges and structures.	Plant and animal life cycles. Tech-Bridges and structures.	Plant and animal life cycles including aging effects. Tech-Parachutes (Protect the Egg
Year 6	Living Things and their environment (classifying)	Separating mixtures & materials Tech-Insulating a drink holder	Human circulatory system and impact of exercise, drugs and diet.	Electricity	Light and sight	Evolution, inheritance reproduction