Bowman Academy – Science – Long Term Plan

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Semi-Formal Curriculum (STEM)	Me and other people My Senses	My home Light and dark	Transport Slow and Fast	My world Hot and Cold	Animals Big and Little	Water Wet and Dry
Step 1	The Human Body Seasonal Changes	Materials Seasonal Changes	Planting A Animals	Caring for the Planet Seasonal Changes Planting B	Plants Planting C	Growing and Cooking Seasonal Changes
Step 2	Animals Needs for Survival Humans	Materials Plastics	Plants (Light and Dark) Living Things and Their Habitats	Seasonal Changes Living Things and Their Habitats	Plants Growing Up	Bulbs and Seeds Growing Up Wildlife
Step 3	Skeletons Movement Nutrition and Diet	Nutrition and Diet Food Waste Rocks	Fossils Soils	Light	Plants	Forces Magnets Plants B Biodiversity
Step 4	Group and Classify Living Things Data Collection States of Matter	States of Matter	Sounds	Data Collection Electricity Energy	Data Collection Habitats Deforestation	The Digestive System Food Chains
Step 5	Forces Space	Space Global Warming	Properties of Materials Animals including Humans	Animals Including Humans Life Cycles	Reproduction Reversible and Irreversible Changes	Reversible and Irreversible Changes Plastic Pollution Reproduction
Step 6	Living Things and Their Habitats	Electricity Renewable Energy	Light	Light Pollution The Circulatory System	Variation Adaptations	Fossils Chocolate Factory

				Diet, Drugs and Lifestyle		
Step 7	Cells, Tissues, Organs and Systems Mixtures and Separations	Energy Sexual Reproduction in Animals	Acids and Alkalis Current electricity	Muscles and Bones The Particle Model	Forces Ecosystems	Atoms, Elements and Compounds Sound
Step 8	Food and Nutrition Combustion	Fluids Plants and Reproduction	The Periodic Table Light	Breathing and Respiration Metals and Their Uses	Energy Transfers Unicellular Organisms	Rocks Earth and Space
Step 9	Genetics and Evolution Making Materials	Forces and motion Plant Growth	Reactivity Force Fields and Electromagnets	Biology Revision Chemistry Revision Physics Revision	Biology Transition Chemistry Transition	Physics Transition

Planning adapted from White Rose Science (Step 1-11)