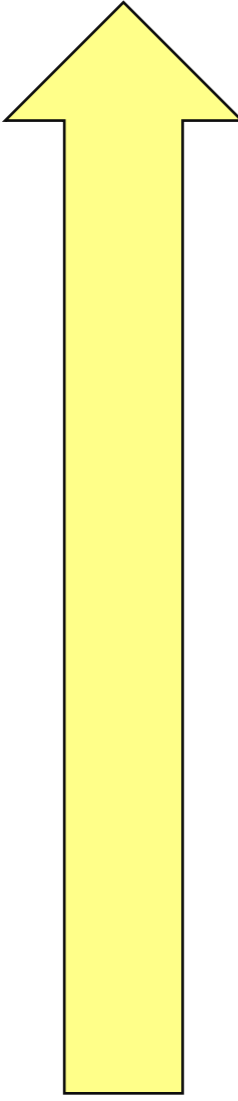
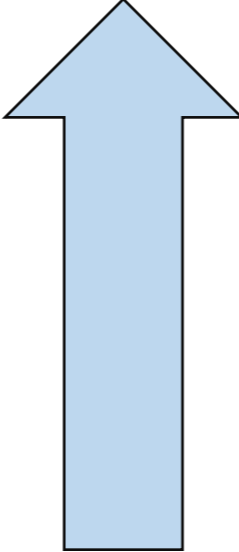
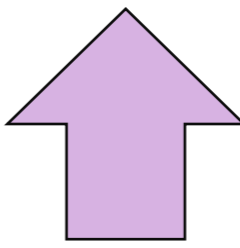


Science at Woodlands - Specific Pathways

Key Stage Four - Qualification Pathways

Year 11	Life Skills - AQA Unit Award Scheme	Entry Level	Entry Level	GCSE Foundation	GCSE Higher Paper
Content	<ul style="list-style-type: none"> • Risk Assessments • Safe Handling • Independent Living Skills • Introduction to COSHH • Health and Safety at Work • Work Experience • Exercise and Healthy Living • Impact of Drugs and Alcohol • Human Reproduction • Health and Safety • Maintaining Tools • Common Health and Safety Signage • Accessing the community • Road Safety 	<ul style="list-style-type: none"> • Common diseases • Identify functions of the immune system • Understanding the benefits of exercise and diet • Extraction of metals • How to separate substances • Make up of an atom. • Functions of cells • Label DNA and chromosomes • Identify states of matter, atoms, and elements • Identify energy sources. • Reactions and energy • Identify different forces 	<ul style="list-style-type: none"> • Common disease • Identify functions of the immune system • Understanding the benefits of exercise and diet • Extraction of metals • How to separate substances • Make up of an atom. • Functions of cells • Label DNA and chromosomes • Identify states of matter, atoms, and elements • Identify energy sources. • Reactions and energy • Identify different forces 	<ul style="list-style-type: none"> • Natural selection and modification • Cells and control • Genetics • Atomic structure • Ionic Bonding • Conservation of energy • Disease development and medicine 	<ul style="list-style-type: none"> • Plant structures • Homeostasis • Exchange and transport in animals and plants • Ecosystems • Periodic table groups • Rates of reaction • Particle model • Resistance • Magnetism

Adapted Curriculum (Key Stage 1 - 3)

Step 9					<ul style="list-style-type: none"> • Genetics and evolution • Plant growth • Forces and motion • Reactivity • Forcefields and electromagnetics • Making materials
Step 8					<ul style="list-style-type: none"> • Food and nutrition • Combustion • Plants and their reproduction • The periodic table • Breathing and respiration • Metals and their uses • Unicellular organisms • Energy transfers • Earth and Space
Step 7					<ul style="list-style-type: none"> • Cells, systems, tissues, and organs. • Mixtures and separation • Energy and current electricity • Reproduction in animals • Acids and Alkalis • The particle models. • Ecosystems • Atoms, elements, and molecules • Sound • Forces - pressure and balancing
Step 6					<ul style="list-style-type: none"> • Living things, microorganisms, and their habitats • Energy - renewable and fossil fuels • Light • The circulatory system • Diet, drugs, and lifestyle • Adaptation and variation • Fossils
Step 5					<ul style="list-style-type: none"> • Properties of materials • Life cycles • Reversible and irreversible changes • Reproduction • Forces • Space and global warming
Step 4					<ul style="list-style-type: none"> • Classifying living things • States of matter • Sound and energy • Electricity • Classification of habitats • Digestive system • Food chains
Step 3					<ul style="list-style-type: none"> • Movement and skeletal features • Nutrition and keeping healthy. • Rocks and soils • Magnets • Friction
Step 2					<ul style="list-style-type: none"> • Survival in humans and animals • Light and dark • Different habitats in the environment • Growth in humans • Bulbs and seeds. • Simple materials and their properties
Step 1					<ul style="list-style-type: none"> • The five senses. • Simple materials. • Planting • Seasonal changes
Engagement Model	<ul style="list-style-type: none"> • Explorative Science. • Enquiry based curriculum. • Understanding through play. 				