

HJS Curriculum - Science

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	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6	
Year 3	Magnets and forces <ul style="list-style-type: none"> Contact, attract and repel Magnetic materials 	Rocks, soils and fossils <ul style="list-style-type: none"> Comparing and grouping 	Animals including humans <ul style="list-style-type: none"> Muscles Skeletons Nutrition 	Light <ul style="list-style-type: none"> Reflections mirrors Shadows Sun safety 	Plants <ul style="list-style-type: none"> Parts of a plant Requirements for life Transporting water Observations of flowers 		
Year 4	Animals including humans <ul style="list-style-type: none"> Types of teeth The digestive system Food chains – predators and prey 	States of matter <ul style="list-style-type: none"> Solids, liquids and gases Heating and cooling Evaporation and condensation 	Sound <ul style="list-style-type: none"> Making sounds Altering pitch and volume 	Electricity <ul style="list-style-type: none"> Simple circuits Blubs, buzzers and switches Conductors and insulators 	Living things <ul style="list-style-type: none"> Simple classification and keys Changing environments Habitats 		
Year 5	Properties of materials <ul style="list-style-type: none"> Changes of state Comparing solutions Reversible and irreversible changes Use of materials 		Space <ul style="list-style-type: none"> Movement of the Earth and Moon Day, night, year 	Forces <ul style="list-style-type: none"> Gravity Air and water resistance Friction Transfer of force and motion 	Living things and their habitats <ul style="list-style-type: none"> Life cycles Reproduction in animals and plants 	Animals including humans <ul style="list-style-type: none"> Changes from birth to old age 	
Year 6	Animals including humans <ul style="list-style-type: none"> Circulatory system Diet and nutrition Transport of water and nutrients Scientific enquiry – making predictions 	Light <ul style="list-style-type: none"> How we see Light travels in straight lines Formation of shadows Scientific enquiry – plotting data on a line graph 	Evolution <ul style="list-style-type: none"> Fossils as evidence Variation Scientific enquiry – adapting investigations and assessing reliability 	Living things <ul style="list-style-type: none"> Classification Using a key 	Electricity <ul style="list-style-type: none"> Changing brightness or volume Circuit diagrams 		