

Talbot School

Long Term Plan for Science

Year Group(s)		Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 7-8	Year 1	Humans <i>Similarities and differences</i>	Electricity <i>Everyday appliances</i>	Sound <i>Sound sources</i>	Animals <i>Animals need food water and shelter</i>	Plants <i>Names of basic plant parts</i>	Forces <i>How things move</i>
	Year 2	Humans <i>External body parts</i>	Light <i>Light and dark</i>	Materials <i>Properties and similarities and differences</i>	Animals <i>Common animals Similarities and differences</i>	Plants <i>Grouping by similarities and differences</i>	Forces <i>Pushes and pulls</i>
Year 9-10	Year 1	Humans- internal body parts. Movement- skeleton and muscles. Circulation-effect of exercise.	Materials- Changes in materials when mixed. Heating/cooling. Temperature.	Sounds- that there are many kinds of sound and sources of sound. How sound travels.	Animals- life processes-common to animals/humans, nutrition, movement, reproduction, skeleton and muscles.	Plants- role of leaf in producing new material. Root anchors the plant.	Forces- magnetic forces. Forces of attraction between magnets and magnetic materials.
	Year 2	Humans- <i>move, feed, grow and use their senses to stay alive and reproduce.</i>	Light- <i>transparent. and opaque. Introduction to shadows.</i>	Sound- <i>sounds are heard when entering the ear. Mechanics of the ear.</i>	Animals- <i>Basic classification and variation of animals.</i>	Plants- <i>need light and water to grow. Label main parts of plants.</i>	Electricity- <i>To make simple circuits and switches.</i>
Year 11	Year 1	Humans:- <i>healthy eating, nutrients & teeth</i>	Light:- <i>reflections from a surface</i>	Animals:- <i>classification and variation, using keys etc</i>	Sound:- <i>sound and vibration</i>	Plants:- <i>effect of light, water, air & temperature on plants</i>	Forces:- <i>friction is a force that slows etc</i>