

Animals including humans 	Living things and their habitats 	Plants 	Materials 	Energy 	Forces, Earth and space 	Making Connections 
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Autumn 1	Autumn 2	Spring 1	Spring 1	Summer 1	Summer 1
Y1: Seasonal Changes	Y1: Everyday Materials	Y1: Sensitive Bodies	Y1: Comparing Animals	Y1: Introduction to Plants	Y1: TBC
<p>Know and Remember</p> <p>Facts</p> <ul style="list-style-type: none"> The four seasons are Spring, Summer, Autumn, Winter. A deciduous trees leaves change colour throughout each season. Evergreen trees leaves do not change throughout each season. 	<p>Know and Remember Facts</p> <ul style="list-style-type: none"> Materials can be grouped based on their physical properties. A material is what an object is made from. A variety of everyday materials include wood, plastic, glass, metal, water and rock. _____ (material) is absorbent/waterproof/tough 	<p>Know and Remember</p> <p>Facts</p>	<p>Know and Remember</p> <p>Facts</p>	<p>Know and Remember</p> <p>Facts</p>	<p>Know and Remember</p> <p>Facts</p>

<ul style="list-style-type: none"> Temperature changes depending on the season. 					
<p>Know and Remember</p> <p>Vocab</p> <p>Season</p> <p>Temperature</p> <p>Weather</p> <p>Deciduous tree</p> <p>Evergreen tree</p>	<p>Know and Remember</p> <p>Vocab</p> <p>Material</p> <p>Absorbent</p> <p>Waterproof</p> <p>Tough</p> <p>Observe</p>	<p>Know and Remember</p> <p>Vocab</p>	<p>Know and Remember</p> <p>Vocab</p>	<p>Know and Remember</p> <p>Vocab</p>	<p>Know and Remember</p> <p>Vocab</p>

See Kapow Progression document for skills and knowledge.

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Autumn 1	Autumn 2	Spring 1	Spring 1	Summer 1	Summer 1
Y3: Movement and Nutrition	Y3: Forces and Magnets	Y3: Rocks and soil	Y3: Light and Shadows	Y3: Plant Reproduction	Y3: TBC
<p>Know and Remember</p> <p>Facts</p> <ul style="list-style-type: none"> The skeleton in humans and some animals is used for movement, protection and support. Muscles cause movements in the body. A balanced diet should include all food groups. 	<p>Know and Remember</p> <p>Facts</p> <ul style="list-style-type: none"> Magnets have a north and south pole. Opposite poles of a magnet attract. A force is an action like a push or a pull. Friction is a force that acts between two 	<p>Know and Remember</p> <p>Facts</p>	<p>Know and Remember</p> <p>Facts</p>	<p>Know and Remember</p> <p>Facts</p>	<p>Know and Remember</p> <p>Facts</p>

<ul style="list-style-type: none"> Three bones in our skeleton include ... (skull, spine, pelvis, ribcage, ulna, radius, tibia, femur). 	<p>surfaces to slow it down.</p> <ul style="list-style-type: none"> Magnets have different strengths. 				
<p>Know and Remember</p> <p>Vocab</p> <p>balanced diet vertebrate/ invertebrate movement skeleton muscle</p>	<p>Know and Remember</p> <p>Force</p> <p>Magnet</p> <p>North pole</p> <p>South pole</p> <p>attract</p>	<p>Know and Remember</p> <p>Vocab</p>	<p>Know and Remember</p> <p>Vocab</p>	<p>Know and Remember</p> <p>Vocab</p>	<p>Know and Remember</p> <p>Vocab</p>

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Autumn 1	Autumn 2	Spring 1	Spring 1	Summer 1	Summer 1
Y3: Movement and Nutrition	Y3: Forces and Magnets	Y3: Rocks and soil	Y3: Light and Shadows	Y3: Plant Reproduction	Y3: TBC
Know and Remember Facts <ul style="list-style-type: none"> The skeleton in humans and some animals is used for movement, protection and support. Muscles cause movements in the body. The seven nutrient groups are fats, fibre, 	Know and Remember Facts <ul style="list-style-type: none"> Magnets have a north and south pole The opposite poles of a magnet attract one another and like poles repel one another Friction is a force that acts between two 	Know and Remember Facts	Know and Remember Facts	Know and Remember Facts	Know and Remember Facts

<p>minerals, carbohydrates, vitamins, protein, water.</p> <ul style="list-style-type: none"> • A balanced diet should include all food groups. • A vertebrate has a back bone but an invertebrate does not. 	<p>surfaces to slow an object down</p> <ul style="list-style-type: none"> • A force is an action like a push or pull. This can change or maintain the motion of an object. • Iron and nickel are magnetic materials and will be attracted to a magnet 				
<p>Know and Remember</p> <p>Vocab nutrient mineral support protection vertebrate/ invertebrate</p>	<p>Know and Remember</p> <p>Vocab Force Magnetism Repel Attract friction</p>	<p>Know and Remember</p> <p>Vocab</p>	<p>Know and Remember</p> <p>Vocab</p>	<p>Know and Remember</p> <p>Vocab</p>	<p>Know and Remember</p> <p>Vocab</p>

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Autumn 1	Autumn 2	Spring 1	Spring 1	Summer 1	Summer 1
Y5: Mixtures and separation	Y5: Properties and Changes	Y5: Earth and Space	Y5: Life cycles and reproduction	Y5: Imbalanced forces	Y5: Human timeline
<p>Know and Remember</p> <p>Facts</p> <ul style="list-style-type: none"> Some substances will dissolve in a liquid to form a solution. Temperature and stirring can affect the time 	<p>Know and Remember</p> <p>Facts</p> <ul style="list-style-type: none"> Materials that were difficult to scratch and showed smaller, shallower scratches were classified as 'hard'. 'transparency' is as a measure of 	<p>Know and Remember</p> <p>Facts</p>	<p>Know and Remember</p> <p>Facts</p>	<p>Know and Remember</p> <p>Facts</p>	<p>Know and Remember</p> <p>Facts</p>

<p>taken to dissolve.</p> <ul style="list-style-type: none"> Some liquids and solids can be separated using sieving, filtering and evaporation. 	<p>the amount of light that passes through a material.</p> <ul style="list-style-type: none"> reversible change' is when a material undergoes a change that can be easily undone to return the material to its original form. irreversible change is when a material undergoes a change that cannot be easily reversed and which produces a new material or materials. 				
<p>Know and Remember</p> <p>Vocab variable dissolve soluble insoluble particle</p>	<p>Know and Remember</p> <p>Vocab property hardness transparency reversible irreversible</p>	<p>Know and Remember</p> <p>Vocab</p>	<p>Know and Remember</p> <p>Vocab</p>	<p>Know and Remember</p> <p>Vocab</p>	<p>Know and Remember</p> <p>Vocab</p>

CYCLE 2

2023/24 Science – **Year 1/2** Year 2/3 Year 3/4 Year 4/5 *(Please highlight)*

Cycle 1/**Cycle 2**

Autumn 1	Autumn 2	Spring 1	Spring 1	Summer 1	Summer 1
Y2: Habitats	Y2: Microhabitats	Y2: Uses of everyday materials	Y2: Lifecycles and health	Y2: Plant growth	Y2: TBC

Know and Remember Facts	Know and Remember Facts	Know and Remember Facts	Know and Remember Facts	Know and Remember Facts	Know and Remember Facts
Know and Remember Vocab	Know and Remember Vocab	Know and Remember Vocab	Know and Remember Vocab	Know and Remember Vocab	Know and Remember Vocab

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Autumn 1	Autumn 2	Spring 1	Spring 1	Summer 1	Summer 1
Y2: Habitats	Y2: Microhabitats	Y2: Uses of everyday materials	Y2: Lifecycles and health	Y2: Plant growth	Y2: TBC
Know and Remember Facts	Know and Remember Facts	Know and Remember Facts	Know and Remember Facts	Know and Remember Facts	Know and Remember Facts
Know and Remember Vocab	Know and Remember Vocab	Know and Remember Vocab	Know and Remember Vocab	Know and Remember Vocab	Know and Remember Vocab

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Autumn 1	Autumn 2	Spring 1	Spring 1	Summer 1	Summer 1
Y4: Digestion and food	Y4: Electricity and circuits	Y4: Classification and changing habits	Y4: States of Matter	Y4. Sounds and vibrations	Y4: TBC
Know and Remember Facts	Know and Remember Facts	Know and Remember Facts	Know and Remember Facts	Know and Remember Facts	Know and Remember Facts
Know and Remember Vocab	Know and Remember Vocab	Know and Remember Vocab	Know and Remember Vocab	Know and Remember Vocab	Know and Remember Vocab

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Autumn 1	Autumn 2	Spring 1	Spring 1	Summer 1	Summer 1
Y6: Classifying big and small	Y6: Light and reflection	Y6: Evolution and inheritance	Y6: Circuits, batteries and switches	Y6: Circulation and exercise	Y6: TBC
Know and Remember Facts	Know and Remember Facts	Know and Remember Facts	Know and Remember Facts	Know and Remember Facts	Know and Remember Facts
Know and Remember Vocab	Know and Remember Vocab	Know and Remember Vocab	Know and Remember Vocab	Know and Remember Vocab	Know and Remember Vocab

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