

Science Long Term Plan- Big Questions

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
EYFS				Spring Growth Can we spot the changes? (When will it be Spring?)	Minibeasts What can we find crawling in the grass, ground, under pots and all around?	Under the Sea What does life look like under the sea?
Year 1	Which material is best for Mrs Armitage's bike? Everyday Materials	What is my favourite season? Seasonal Change	What is my favourite season? Seasonal Change Do plants last all year long? Plants	How do plants work? Plants	What is my favourite season? Seasonal Change Am I an animal? Animals including Humans	What is my favourite season? Seasonal Change Which plants do we have at Senacre? Plants
Year 2	What is a microhabitat and what can I find there? Living Things and Their Habitats Plants	Why can't animals live everywhere? Living Things and Their Habitats How do I know if something is alive? Living Things and Their Habitats	Which materials make the strongest castles? Uses of Everyday Materials	How do bulbs and seeds grow? Plants	Can I still see the same living things? Living Things and Their Habitats	What do I need to be alive and healthy? Animals including Humans How do offspring grow up? Animals including Humans
Year 3	What am I made of? Animals Including Humans	What are magnets and how can they be useful? Forces and Magnets	What is our planet made of? Rocks	What nutrition do animals and humans need to eat? Animals Including humans	What do the parts of a plant actually do? Plants	What is light and how can we change the shape of shadows? Light
Year 4	How are animals adapted to their habitats? Living Things and their Habitats	How can we hear sound? Sound	How does a lightbulb turn on? Electricity	Where does water end up? States of Matter	What happens to the food we eat? Animals Including Humans	
Year 5	Why are certain objects made from particular materials? Properties and change of materials	What is a force and how can they help us? Forces	The Earth, Sun or Moon- which is the odd one out? How do we get day and night, the seasons and climates? Earth and Space	Are life cycles all the same? Living Things and their habitats Animals Including Humans	How would you survive on a desert island? Properties and change of materials	
Year 6	What is classification? What do different types of microorganism do? Living things and their habitats	What happened when Charles Darwin visited the Galapagos islands? Evolution and inheritance	How do I see? Light	How can we vary the effects of electricity? Electricity	Deforestation: environmental nightmare or necessary evil Living things and their habitats	How do an animal's living systems work together to maintain a healthy body? Animals including humans