



## 2020-2021 Science Long Term Plan Year 2

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
1.1	<b><u>What is a scientist?</u></b> Gather ideas from children Draw a picture of what a scientist looks like and what they need	<b><u>Plants in the local environment</u></b> Go outside Observe plants in Autumn – draw/write down observations	<b><u>Materials</u></b> Everyday uses of different materials Name materials and what they are used for and why?	<b><u>Materials</u></b> Explain what property of material means Grouping materials according to their properties	<b><u>Good choices</u></b> Is that a good choice of material?	<b><u>Materials</u></b> Identify materials and uses in the real world	<b><u>Shaping up</u></b> How can I change the shape of an object?	<b><u>Shaping up</u></b> Which elastic shall we use for a catapult?
1.2	<b><u>Plants in the local environment</u></b> Go outside Revisit and observe plants in winter	<b><u>Good choices</u></b> Which materials are good for toddlers' play dungarees?	<b><u>Good choices</u></b> What fabric will make a bedroom dark?	<b><u>Good choices</u></b> What shall we use to make a teabag?	<b><u>Good choices</u></b> Which is the bounciest ball?	<b><u>Good choices</u></b> What can we invent?	<b><u>Materials</u></b> Make and decorate Xmas decoration	
2.1	<b><u>Growing up</u></b> What do babies need?	<b><u>Growing up</u></b> How have we changed?	<b><u>Growing up</u></b> How do we change throughout our lives?	<b><u>Growing up</u></b> Do older children have bigger heads?	<b><u>Growing up</u></b> What can we find out about babies?	<b><u>Growing up</u></b> Do all our body parts grow as we get older?		
2.2	<b><u>The apprentice gardener</u></b> What do gardeners need to know?	<b><u>The apprentice gardener</u></b> How should we plant the seeds?	<b><u>The apprentice gardener</u></b> What is happening to our seeds?	<b><u>The apprentice gardener</u></b> How tall will they grow?	<b><u>The apprentice gardener</u></b> How can we care for our plants? What do plants need to grow and be healthy?	<b><u>The apprentice gardener</u></b> What happens when a seed germinates?		
3.1	<b><u>Our changing world</u></b> What lives in a habitat?	<b><u>Our changing world</u></b> How does a habitat change through the year?	<b><u>Our changing world</u></b> How do animals depend on each other?	<b><u>Our changing world</u></b> How do animals change?	<b><u>What's in your habitat?</u></b> What's in your habitat?	<b><u>What's in your habitat?</u></b> What do different animals eat in their habitats?		
3.2	<b><u>Take care</u></b> How can we sort this food?	<b><u>Take care</u></b> What food should we eat?	<b><u>Plants</u></b> Revisit and observe plants Explore and answer questions	<b><u>Take care</u></b> How can we stay fit?	<b><u>Take care</u></b> How can we stay clean?	<b><u>Take care</u></b> How can we stay healthy?	<b><u>Assessment</u></b>	