


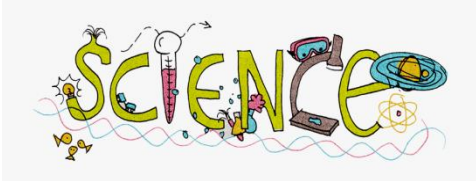
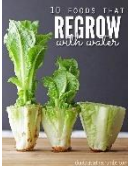





## Science Learning at Home

Thank you for continuing to support your children at home through this challenging time. Here is a 'learning menu' with some fun and interesting science activities you may like to complete during your time at home.

Animals	Materials	Seasons	Plants
<p>Learn about the lifecycle of a Butterfly or a Frog - can you draw and write about the lifecycle?</p>  <p>Go on a mini-beast hunt in your garden or near your home - what can you find? Can you draw pictures and label what you saw?</p>  <p>Go on a walk or a drive near your home and see how many mother and baby animals you can spot - you could take photos or draw what you see. Can you remember the names for the baby animals?</p>	<p>Go on a 'materials hunt' around your house. How many different materials can you find (e.g. wood, plastic, metal) - can you sort your materials into groups?</p>  <p>Use different materials from around your house to create junk models - which materials would be best to:</p> <ul style="list-style-type: none"> <li>- make a boat</li> <li>- make a windmill</li> <li>- make a kite</li> <li>- keep your teddy warm</li> <li>- protect you from the sunshine</li> </ul>	<p>Look for signs of spring around your home and garden - what can you see starting to grow - could you use a tablet or camera to take photos of what you see?</p> <p>Make a Spring / Easter card to send in the post to a relative.</p> 	<p>Look closely at the parts of a flower - can you draw a picture of the different parts you can see?</p> <p>Plant old vegetables (e.g. tomatoes, lettuce roots) or plant scraps to see if you can re-grow them. A list of foods that regrow with just water can be found here: <a href="https://dontwastethecrumbs.com/regrow-food-water/">https://dontwastethecrumbs.com/regrow-food-water/</a></p>  <p>Plant a seed e.g. sunflower / bean / apple pip and watch it grow - keep a seed / bean diary using pictures and writing to record how it changes.</p>
<h3>STEM challenges</h3>	<h3>Outdoor Learning</h3>		
<p>Make the tallest tower you can which is not attached to anything - you could use lego, cardboard from toilet rolls, blocks.</p> <p>Make a boat which floats successfully and can carry the weight of one penny.</p> <p>Use materials from around your house to make your own 'sculpture' - it can be abstract or a 'thing' - you decide!</p> <p>Make a safety container/outfit for a fresh egg to be dropped from 2m high without breaking - what materials would be best to protect your egg?</p>	<p>Make a wind sock weather station for your garden. What does your wind sock tell you? How do you know which way the wind is coming from? Find a way to collect and measure the amount of rain that falls over a week. Can you measure it and record your measurements in a simple way? Lets hope there isn't too much rain to measure!</p>  <p>Use things from around your home and garden to build your very own bug hotel. Watch carefully to see if any bugs start to use your bug hotel - take photos of what you make and see.</p>  <p>Use up old or over-ripened fruit to make a butterfly feeder. Hang it outside and see what types of butterflies come to visit. Leave out food and water for birds and other animals in your garden - watch carefully to see which animals you see - you could write a list and draw pictures of all the nature you see.</p>  <p>Help your grown up to look after things in the garden - this might be watering the plants, picking up the leaves, sweeping the patio! Find a safe space in your garden to make your own compost heap. You can compost garden waste and some food waste. Guidance can be found here: <a href="https://www.recyclenow.com/reduce-waste/composting">https://www.recyclenow.com/reduce-waste/composting</a></p> 