

What are the aims and intentions of this curriculum?		Year 1		
That children: <ul style="list-style-type: none"> <li>are allowed to explore and discover the science in the world around them.</li> <li>are provided with the opportunities to develop their curiosity and to ask questions.</li> </ul>				
Term	Topic	Knowledge	Skills	Assessment
	Plants  <b>Which plants are all around us?</b>	Know and name common wild and garden plants (including deciduous and evergreen trees). Know the basic structure of common flowering plants and trees.	Identify common plants and trees Compare plants and trees. Observe changes over time. Group/sort plants and trees Draw and label plants and trees. Ask questions (that can be investigated or researched).	
	Materials  <b>What are everyday materials?</b>  <b>What are the properties of everyday materials?</b>	Know the difference between an object and the material it is made from. Know the names of a variety of everyday materials, including wood, plastic, metal, water and rock. Know the simple properties of everyday materials. Know how some materials can be grouped on the basis of their simple physical properties.	Identify common materials. Compare common materials. Sort/classify common materials. Observe changes over time.	
	Animals including humans	Know and name a variety of common animals including fish, amphibians, reptiles, birds and mammals. Know and name a variety of common animals that are carnivore, herbivore and omnivore.	Identify common animals. Compare common animals. Sort animals. Classify (according to what they eat)	

**Beit Shvidler Primary School – Science skills progression document Year 1**



	<p><b>What sort of animal are you?</b></p> <p><b>What are the 5 senses?</b></p>	<p>Know and name the structure of common animals (fish, amphibians, reptiles, birds and mammals, including pets). Know basic parts of the human body.</p> <p>Know which parts of the body are associated with each sense.</p>	<p>Draw and label.</p> <p>Observe animals.</p> <p>Observe changes over time.</p> <p>Identify patterns.</p> <p>Compare e.g., common leaves.</p>	
	<p>Seasonal changes</p> <p><b>What happens during the seasons?</b></p>	<p>Know there are 4 seasons.</p> <p>Know the types of weather associated with seasons.</p> <p>Know how day length varies.</p>	<p>Observe, describe, and compare seasonal characteristics &amp; changes.</p> <p>Gather information.</p> <p>Record information.</p> <p>Report information.</p> <p>Ask questions (that can be investigated or researched).</p>	
	<p>Sustainability</p> <p><b>How do we care for our planet?</b></p>	<p>Know positive and negative impacts of people's actions (including own personal choices) on others and the environment.</p> <p>Know how people can damage or improve the environment .</p>	<p>Observe, describe and compare</p> <p>Gather information</p> <p>Record information</p> <p>Report information</p> <p>Ask questions</p>	