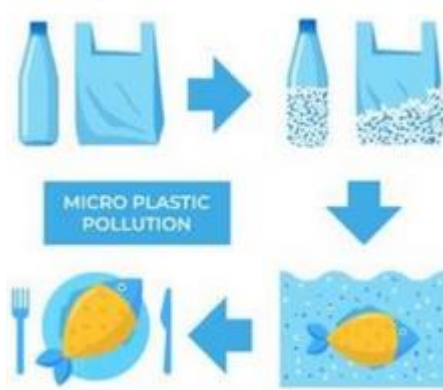



# Year 2: Science Plastic Pollution Knowledge Mat

Subject Specific Vocabulary		Microplastic Pollution	Important knowledge
<b>microplastic</b>	Tiny bits of plastics. Some can be too small to be seen.	 <p>The diagram illustrates the process of microplastic pollution. It starts with a plastic bottle and a plastic bag. An arrow points to the same items but with small blue dots representing microplastics. A box labeled 'MICRO PLASTIC POLLUTION' is in the center. Another arrow points down to a fish in the ocean, which is also covered in microplastics. A final arrow points left to a plate of food, indicating that microplastics can enter the food chain.</p>	<ul style="list-style-type: none"> <li><input type="checkbox"/> I know that microfibres come from washing clothes and end up in our oceans.</li> <li><input type="checkbox"/> I know that microplastics come from larger plastic objects and end up in our oceans.</li> </ul>
<b>microfibre</b>	Super fine fibres of polyester, nylon or acrylic. They are thinner than a human hair and come from clothes during washing.		<ul style="list-style-type: none"> <li><input type="checkbox"/> I know that marine animals are at risk of extinction because of some of the things that humans do.</li> <li><input type="checkbox"/> I know why the Maldives and other low-level land and islands are at risk by rising sea levels.</li> </ul>
<b>polyester, nylon, acrylic</b>	Fabrics which contain plastic.	<b>Land ice and sea ice</b>   <p>The photograph shows two clear plastic containers on a wooden surface. The container on the left is labeled 'land ice' and contains a block of wood with several white plastic cups on top. The container on the right is labeled 'sea ice' and contains a block of wood with several white plastic cups on top.</p>	<ul style="list-style-type: none"> <li><input type="checkbox"/> I know that mangroves and coral reefs protect coastlines and support life.</li> </ul>
<b>vulnerable</b>	A vulnerable species is a species of animals or plants which are likely to become endangered unless something changes.		<ul style="list-style-type: none"> <li><input type="checkbox"/> I can sort and group clothes and fabrics to show which contain plastic and which do not.</li> <li><input type="checkbox"/> I can record my iPad research in words and pictures.</li> <li><input type="checkbox"/> I can record my observations and findings as labelled drawings with annotations to explain how melting ice can affect sea levels.</li> <li><input type="checkbox"/> I can group animals which live in coral reefs and animals which live in mangroves using information from my teacher.</li> </ul>
<b>endangered</b>	An endangered species is a species of plant or animal, that is in danger of dying out in the future.		
<b>critically endangered</b>	A critically endangered species is a species of plant or animal, that has an extremely high chance of dying out in the future.		
<b>sea ice</b>	Sea ice is simply frozen ocean water. It forms, grows, and melts in the ocean.		
<b>land ice</b>	Land ice includes mountain glaciers and ice sheets, covering Greenland and Antarctica.		
<b>sea level</b>	A term used to describe what the height of the ocean usually is.		
<b>coastline</b>	The area where the land meets the sea or ocean.		