

# Science Knowledge Organiser

Animals including humans (humans)		Yr 1	Main Foci: Biology
<b>What should I already know?</b>		<b>Diagram</b>	
<ul style="list-style-type: none"> <li>The names of some internal human organs.</li> <li>The name of some external human organs</li> <li>That humans are mammals.</li> </ul>		<p style="text-align: center;">The 5 senses</p>	
<b>What will I know by the end of the unit?</b>			
Where important internal organs are.	<ul style="list-style-type: none"> <li>Heart –</li> <li>Skeleton -</li> <li>Lungs –</li> <li>Stomach</li> <li>Liver</li> <li>Kidneys</li> <li>Brain</li> </ul>		
Names of important external organs related to the senses	<ul style="list-style-type: none"> <li>Eyes</li> <li>Nose</li> <li>Ears</li> <li>Skin</li> <li>Mouth/ Tongue</li> </ul>		
That the ears allow you to hear.	<ul style="list-style-type: none"> <li>We use our sense of hearing to hear and make sense of the world</li> </ul>		
That eyes allow you to see.	<ul style="list-style-type: none"> <li>We use our sense of sight to see and make sense of the world</li> </ul>		
That the tongue allows you to taste	<ul style="list-style-type: none"> <li>We use our sense of taste to make sense of the world</li> </ul>		
That the skin allows you sense touch	<ul style="list-style-type: none"> <li>We use our sense of touch to make sense of the world</li> </ul>		
That the nose allows you to smell	<ul style="list-style-type: none"> <li>We use our sense of smell to make sense of the world</li> </ul>		
Name the 5 senses	<ul style="list-style-type: none"> <li>Sight</li> <li>Touch</li> <li>Taste</li> <li>Smell</li> <li>Hearing</li> </ul>		
<b>That the brain controls all the senses</b>	<ul style="list-style-type: none"> <li>The brain collects information through the five senses. Each of the five senses has its own special sensor. Each sensor collects information about your surroundings and sends it to the brain.</li> </ul>		
<b>Vocabulary</b>			
Internal organs	Organs that are inside the body – under the skin		
Lungs	A group of organs and tissues that work together to help you breathe		
Heart	An organ that pumps blood around the body		
Skeleton	A structure made of bones that supports the body and protects the internal organs		
Stomach	Internal organ where a major part of the digestive of food takes place		
Liver	An organ that cleans your blood		
Kidneys	An organ that filters waste materials from your blood		
Brain	The control centre for the body. It helps you to make sense of things		
Skin	Covers and protects your body and keeps germs and dirt out		
Senses	Allow us to observe and understand the world around us		
Hearing	The ability to hear sounds		
Tasting	The sensation of flavour perceived in the mouth		
Touching	To bring a part of the body in contact with something		
Smelling	To perceive or detect odours or scents		
Sight	To manage to see or observe something		
<b>Procedural Knowledge</b>			
<ul style="list-style-type: none"> <li>Identify, name, draw and label basic parts of the human body and say which part of the body is associated with each sense.</li> <li>Identify, name, draw and label the skeleton and major organs needed to survive.</li> <li>Smell, taste, listen, feel and look to see how their senses are working</li> </ul>			

## Science Knowledge Organiser

**Animals including humans (humans)**

**Yr 1**

**Main Foci: Biology**

Question 1: Which internal organ pumps blood around your body?	Start of unit:	End of unit:
Lungs		
Heart		
Liver		
Brain		

Question 2: Which organ collects information from your senses ?	Start of unit:	End of unit:
Stomach		
Skeleton		
Brain		
hamster		

Question 3: Why are our senses important?	Start of unit:	End of unit:
They help us to write		
They help us find out about the world		
They make us strong		
They help us grow		

Question 4: Match the sense to the correct organ:	Start of unit:	End of unit:
<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">Hearing</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">Sight</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">Smell</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">Taste</div> <div style="border: 1px solid black; padding: 5px;">Touch</div>		