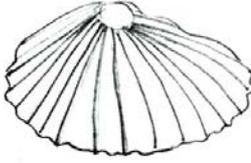
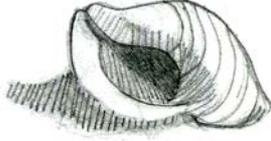


Surviving the changes



Activity 5

Cut out the pictures and phrases below. Match the pictures to the way the plant or animal adapts to its environment in order to survive. The animal or plant can adapt in more than one way.

<p>closes its shell tight</p>	<p>uses fine threads to attach itself to the rocks</p>	 <p>limpet</p>	<p>crab</p> 
<p>uses camouflage</p>	<p>has an exoskeleton to protect itself</p>	<p>mussel</p> 	<p>dog whelk</p> 
<p>hides under a rock</p>	<p>has a hard shell to protect itself</p>	<p>blenny</p> 	<p>bladderwrack</p> 
<p>uses suction to attach itself to a rock</p>	<p>has small air sacks to help it float near the surface to capture sunlight</p>	 <p>barnacle</p>	<p>starfish</p> 

Surviving the changes – Example Answers

Animal/Plant	Adaptation
Limpet	Has a hard shell to protect it Uses suction to attach itself to a rock
Crab	Has an exoskeleton to protect it Uses camouflage (some species) Hides under a rock
Mussel	Closes its shell tight Uses fine threads to attach itself to rocks Has a hard shell to protect it
Dog Whelk	Hides under a rock Has a hard shell to protect it Uses suction to attach itself to a rock
Blenny	Uses camouflage Hides under a rock
Bladderwrack	Has small air sacks to help it float near the surface to capture sunlight
Barnacle	Has an exoskeleton to protect it
Starfish	Hides under a rock Uses suction to attach itself to a rock

Activity 6 How am I suited to my environment?

star fish



I have spines on my body, **why do you think I might need them? Protection from predators**
 I have tiny tube feet under my arms. **What do you think I use them for? Locomotion, feeding & respiration**

The tips of my arms are sensitive to light and if one gets damaged I can grow it back. **How could this help me? Longer living, escape from predators**

seal

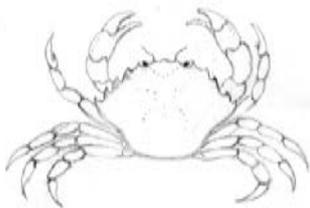


Why do you think I need the fur and blubber I have covering my body? To keep warm

What do you think I use my flippers for? Scratching, grooming, defence, swimming

How do you think my long whiskers help me? Sense movement in the water and act as sight and hearing underwater

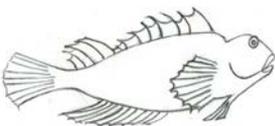
crab



I have sharp pincers. **What do you think I use them for? Defence, attack, eating, communicating**

I have a hard outer shell. **Why do you think I need this? Protection from predators**
 I also have five pairs of legs. **How does this help me? Moving efficiently in my environment**

fish



I have fins and a streamlined body. **How does this help me? Improved swimming**
What do you think I use my gills for?

I can use camouflage to disguise myself under water. **How does this protect me? Protection from predators and ability to creep up on prey**