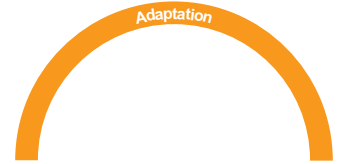




How Am I Suited To My Environment?

Adaptation



Learning Intention

To encourage pupils to identify ways in which seashore creatures are suited to their environment.

National Curriculum Skills

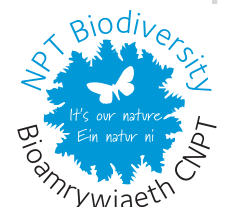
- Science** – Communicate clearly using relevant scientific vocabulary.
 -Through fieldwork, they should be given the opportunity to study the plants and animals in two contrasting local environments.
- ICT** – Use ICT to further their understanding of information they have retrieved and gathered.
- ESDGC** – The natural environment.

Activity Outline

- * Children are encouraged to discuss the adaptations of different species.
- * Children find out how these adaptations protect them from the forces of nature, attacks from predators and help them to find food.

Resources

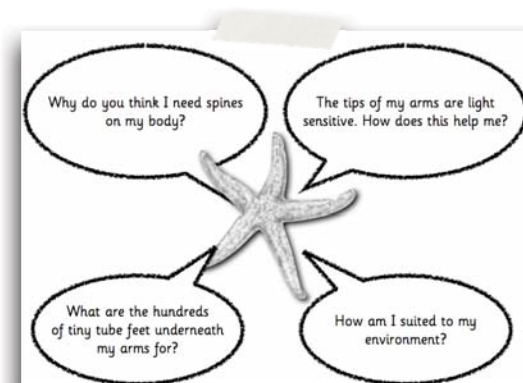
Creature sheet
 Post its
 Reference books/ Internet access
 Factfiles



How do creatures adapt to suit their environment?

Lesson Outline

- Recap on the different creatures found at the seashore.
- Group these under the headings mammals, echinoderm, mollusc, crustacean, fish and birds.

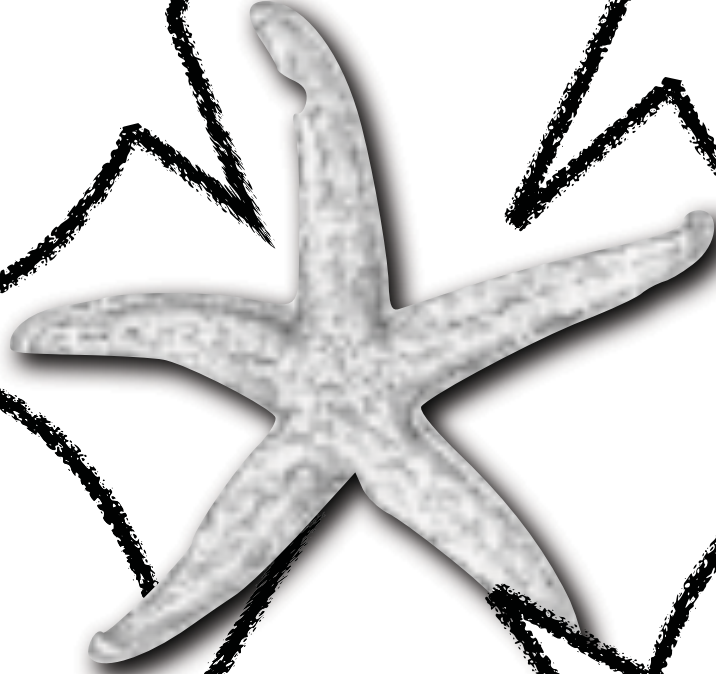


- Focus on one creature and explain that it has certain features which are essential for its survival.
- Divide the children into small groups and give each group one creature and its key questions.
- Children read through the questions and jot down their own ideas on a post-it note.
- Next, use reference books /internet access to find out further information about these adaptations.
- Feedback to the class and discuss similarities and differences.
- Encourage children to ask and write similar questions about a different creature, relating to what they have learned.

Creature Sheet

Why do you think I need spines
on my body?

The tips of my arms are light
sensitive. How does this help me?



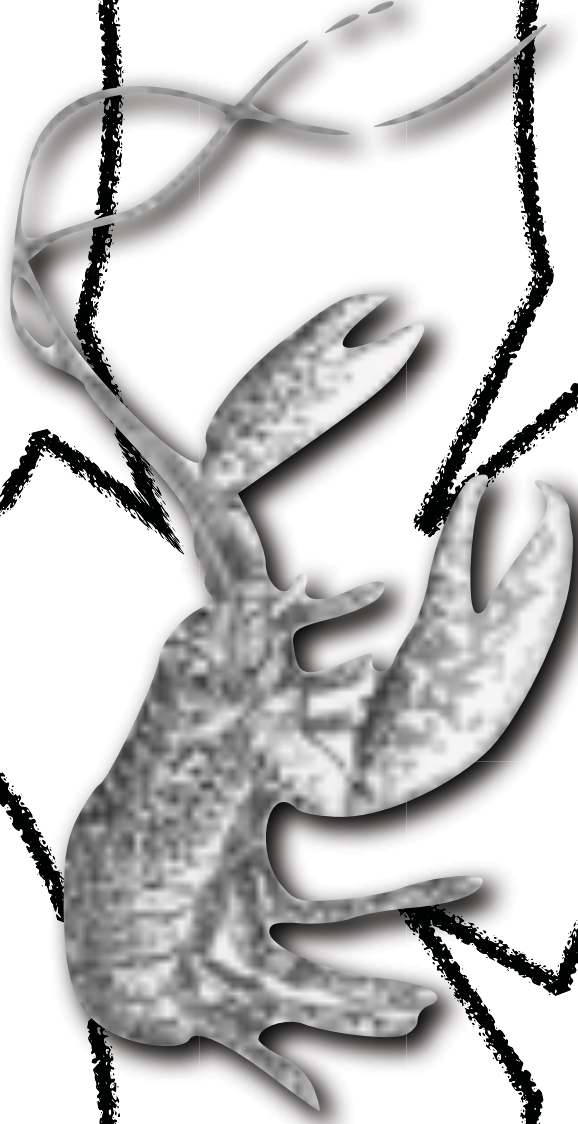
What are the hundreds
of tiny tube feet underneath
my arms for?

How am I suited to my
environment?

Creature Sheet

Why do I need a hard shell
covering my body?

What do I use my big pincers for?



How do long antennae help
me?

How am I suited to my
habitat?

Creature Sheet

Why do I need thick fur and blubber?

What do I use my flippers for?

How do long whiskers help me?

How am I suited to my environment?



Creature Sheet

What do I need my large foot for?

Why does my shell have a hinge?

Why do I have a hard shell?

How am I suited to my habitat?



Creature Sheet

Why do I live in a large colony?

Why do I have dull coloured feathers?



What do I use my webbed feet for? How does this help me?

How am I suited to my environment?