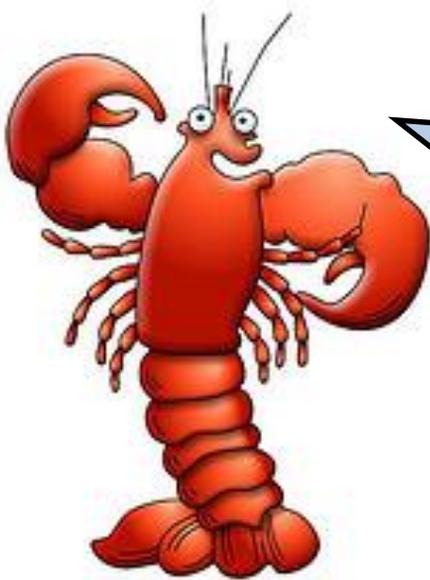




Key Stage 1 ACTIVITY BOOK Ages 5-7

Teacher Answer Booklet



Hi! My name is Seamor. Answer my questions as we go around the aquarium.

Front Room

1. What colour are the Crawfish in the front room?

Orange/Brown

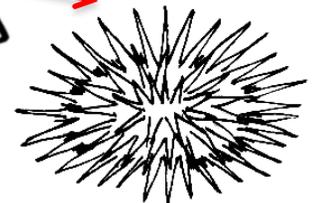
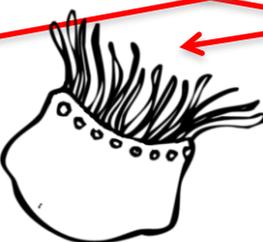
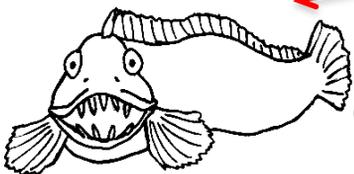
2. Draw a line to match these animals to their picture.

Flatfish

Urchin

Wolf fish

Anemone



No Bone Zone

3. Animals move in different ways. Can you tell which animals in the No Bone Zone I am describing?

I have 8 legs for walking, 2 big claws and a tail for swimming. I am a: Lobster

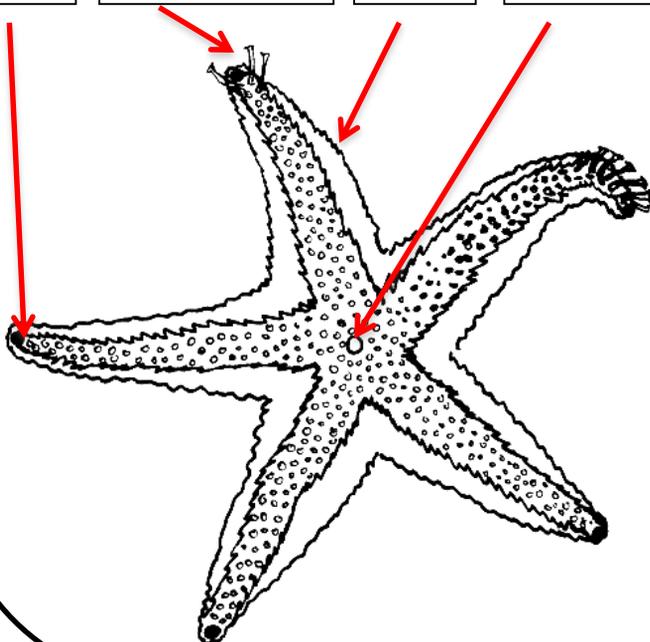
I have 8 tentacles covered in suckers. I can crawl, swim and change colour. I am a: Octopus

I stick onto rocks and don't often move. My body is round and looks a bit like a flower, and I have lots of tentacles to catch food. I am a: Anemone

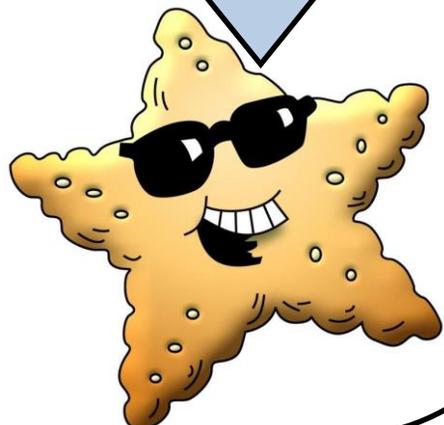
Then answer the following...

4. How many arms does a common starfish have? 5
5. Draw a starfish in the space below and label the different parts of its body.

Eye Tube feet Arm Mouth



Did you know?
Starfish have a tiny eye on the end of each of their arms.

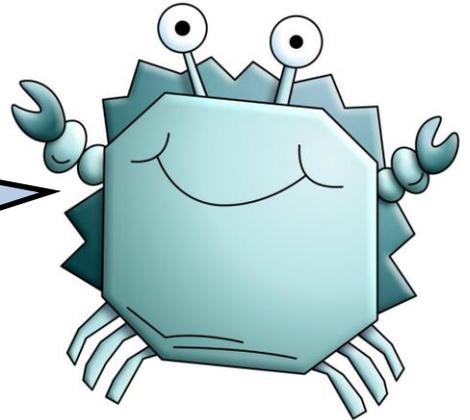


Breeding and Conservation

6. Some things, like us, are living. We know they are alive because they grow, sense, feed and have offspring. Which of these things are alive?

	Yes, it's alive	No, it's not alive
A table	<input type="checkbox"/>	<input checked="" type="checkbox"/>
A fish	<input checked="" type="checkbox"/>	<input type="checkbox"/>
A seahorse	<input checked="" type="checkbox"/>	<input type="checkbox"/>
This piece of paper	<input type="checkbox"/>	<input checked="" type="checkbox"/>
An anemone	<input checked="" type="checkbox"/>	<input type="checkbox"/>
A lobster	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sea weed	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Did you know?
Anemones are actually living animals. They feed using their tentacles. You can find anemones living in rock pools.



7. Look at the posters on the wall. Which item of rubbish do animals like turtles sometimes eat by mistake?
Plastic Bags
8. Find the baby cuttlefish. How many can you see?
Ask a member of staff
9. Cuttlefish can change their colour to blend in with their environment (*where they live*). What colour are they at the moment? **Usually a sandy colour but this can change**

The Wreck

10. Animals have lots of similarities and differences. Answer these questions by writing Yes or No.

Can I move around?

Do I have arms/legs?

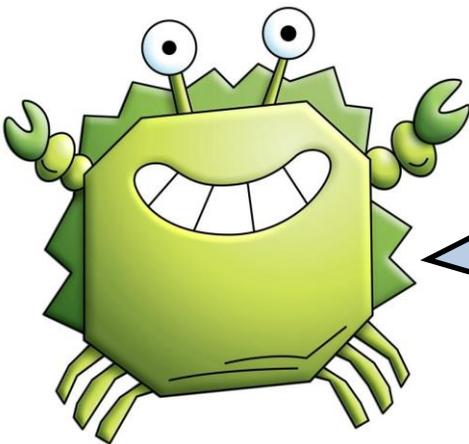
Do I have a tail?

Do I have a shell?

Do I have claws?

Do I live underwater?

Conger Eel	Spiny Starfish	Spider Crab
<u>Yes</u>	<u>Yes</u>	<u>Yes</u>
<u>No</u>	<u>Yes</u>	<u>Yes</u>
<u>Yes</u>	<u>No</u>	<u>No</u>
<u>No</u>	<u>No</u>	<u>Yes</u>
<u>No</u>	<u>No</u>	<u>Yes</u>
<u>Yes</u>	<u>Yes</u>	<u>Yes</u>



Did you know?
Crustaceans are a group of animals with hard outer shells and claws. They include crabs, lobsters and prawns.

11. Spiny spider crabs are a type of Crustacean. What do we call it when a crab replaces its shell as it grows?

Moulting

12. Like us, animals in the sea need to eat food to get enough energy to live and grow. Name one item of food on the menu being prepared today. You'll find this marked off on the board in the food prep area.

The Lobster Hatchery

13. Every animal has a life cycle. Lobsters look very different at different stages of their lives. *Complete the life cycle of a lobster by writing the correct word in the spaces below:*



Adult female lobsters keep thousands of tiny black eggs under their **Tail** until they are ready to hatch.
[claws / tail / pillow]



The eggs hatch at night and the tiny larvae are released. These float in the currents for three or four **Weeks**, as they grow.

[days / weeks / years]

★Larvae is another word for baby Crustaceans (for example lobsters and crabs)



The larvae then settle onto the **Seabed**. Now they look more like lobsters, but are still very small.

[seabed / beach / moon]



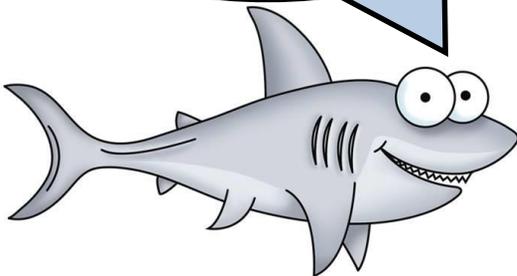
The lobsters are now called juveniles, and will grow into adult lobsters. Adult lobsters will start to lay their own eggs when they are around **Three** years old.

[three / ten / one hundred]

Shark Pool

14. Find the tanks with the Catshark egg cases. Can you see the baby sharks growing inside? Draw one of the egg cases here.

Did you know?
Baby Catsharks grow in egg cases for about 10 months before they are born.



14. Look at the skin of the sharks. This is what it looks like through a microscope. What colour is its skin?
Brown / Grey (Dependant on which species your looking at)



16. What do you think it feels like to touch?
Rough like sandpaper
17. Sharks are called Carnivores as they hunt other animals for food. Name another Carnivore: **Tiger / Fox etc**
18. Some animals eat plants and other animals for food. These are called Omnivores. Name an Omnivore: (*Hint you are one of these*) **Humans / Mullet**
19. Rabbits are Herbivores. They eat only plants. Name another Herbivore: **Deer / Rabbit / Sea Urchin etc**

16, 17, 18 Answers don't have to be Marine animals.

Big Fish Forest

19. Which is the biggest fish you can see?

Sea Bass / Sea Bream

19. The smaller Sea Bass move around together in in a shoal.

Why do you think they do this? To protect themselves from predators by having more eyes to spot them. More eyes to spot food.

20. Can you think of any other animals that move in groups?

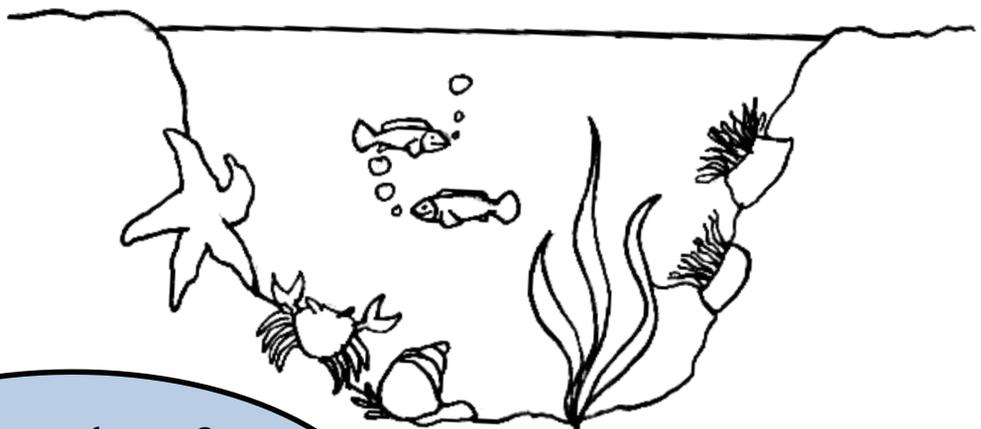
Birds / Zebras etc

21. A habitat is the place where an animal lives. Draw a line to match these animals with their correct habitat.

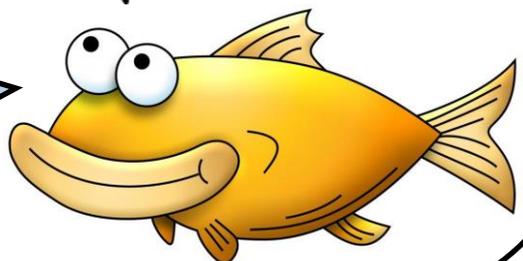
Starfish  Seagrass

Seahorse  Rock pool

Thornback Ray  Seabed

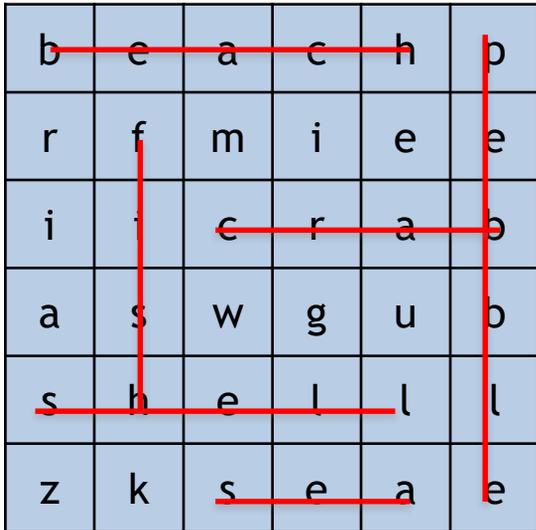


Did you know?
You can find lots of
animals in rock pools
and on the shore
when the tide's out.



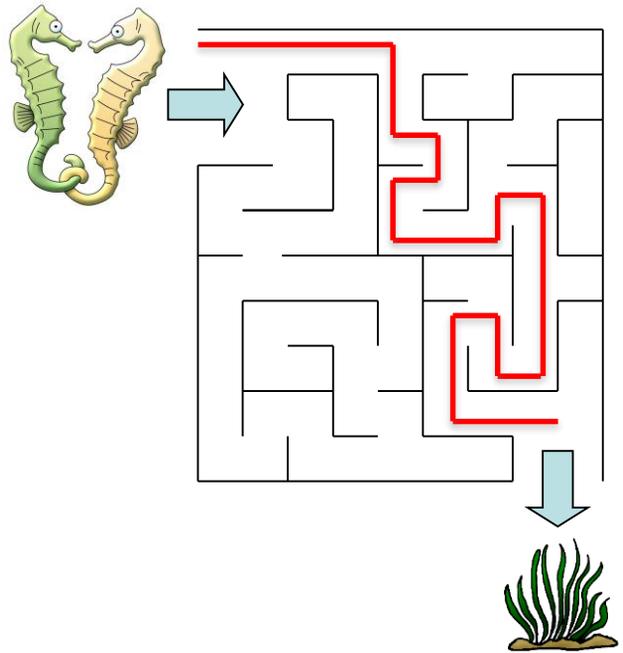
Fun and Games

See if you can find these six words in our word search:



beach pebble shell
fish crab sea

Help our seahorse find its way back to the seagrass:



Finally, draw a picture of your favourite sea creatures at Anglesey Sea Zoo:

Well done, you have finished all the activities! I hope you enjoyed your visit!

