

Activity 2 Which group? vertebrates



Mammal - gives birth to live young, feeds their young on their own milk, have hair, warm blooded.

Bird - lays eggs, has feathers, warm blooded.

Fish - has scales, gills to breathe, cold blooded, lays eggs.

Amphibian - cold blooded, lives on land and water, many lay eggs, smooth moist skin.

Reptile - cold blooded, dry skin, lays eggs.

Sort the living things below into the correct group. Use your picture cards to help you if you need to.

mammal	bird	fish	amphibian	reptile

seal adder cod red deer frog gannet

cuckoo wrasse oystercatcher otter red squirrel

rabbit shag slow worm swan toad

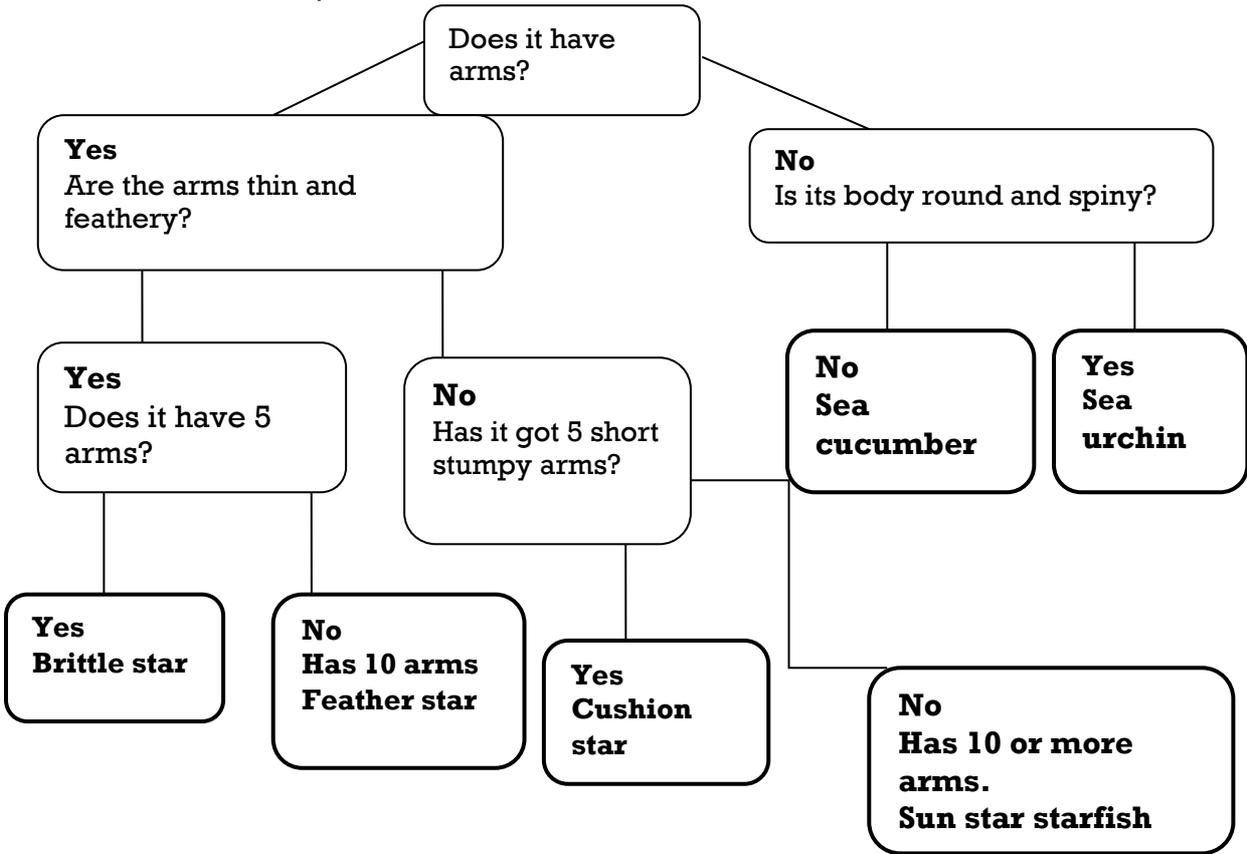
Now add your own animals to each group

Activity 3 Classifying Echinoderms



All the different types of living things in 'The Bay' were named for you. Biologists use **keys** to help them identify and name plants and animals they find.

Starfish, sea cucumbers and sea urchins belong to a group of animals called **Echinoderms**. Echinoderms have soft bodies, spines and move using tube feet which have suckers. Below is a key that will help you to name the six echinoderms drawn below. Look at each animal in turn and follow the branches of the key until you arrive at its name. Write the name underneath the picture.



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Activity 2a Which group? marine invertebrates

Molluscs - have a muscular foot and often have a protective shell or shells

Echinoderm - have spines and moves using tube feet with suckers. Most have a central body with five or more arms but some have no arms.

Crustaceans - have a hard exoskeleton and jointed legs.

Cnidarians - (silent 'c' pronounced ny- dairy- ans) have stinging tentacles which radiate out from its soft body.

Sort the living things below into the correct group. Use your marine life cards to help you.

mollusc	echinoderm	crustacean	cnidairian

sea cucumber sea anemone jellyfish lobster

mussel sea urchin limpet crab feather star

prawn periwinkle sun star barnacle

sandhopper clam octopus

Can you think of any land invertebrates?





I am a barnacle. I eat phytoplankton.



I am a sea anemone. I eat mussels, clams and zooplankton.



I am a sunstar. I eat clams, mussels and barnacles.



I am a periwinkle. I eat algae.



I am an octopus. I eat crabs and mussels.



I am a prawn. I eat phytoplankton and zooplankton.



I am a clam. I eat zooplankton.



I am a sandhopper. I eat rotting vegetation.



I am a jelly fish. I eat shrimp.



I am a limpet. I eat seaweed and zooplankton.



I am a lobster. I eat crab.



I am a sea urchin. I eat mussels.



I am a mussel. I eat zooplankton and phytoplankton



I am a sea cucumber. I eat plankton.



I am a feather star. I eat zooplankton.



I am a crab. I eat shrimp