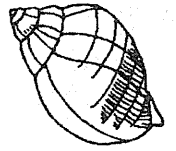


COASTAL VISIT



THE GOWER DAY BY THE SEA

What's the name of the city we drove though to get to the coast? _____

HOW DOES THE TIDE WORK?

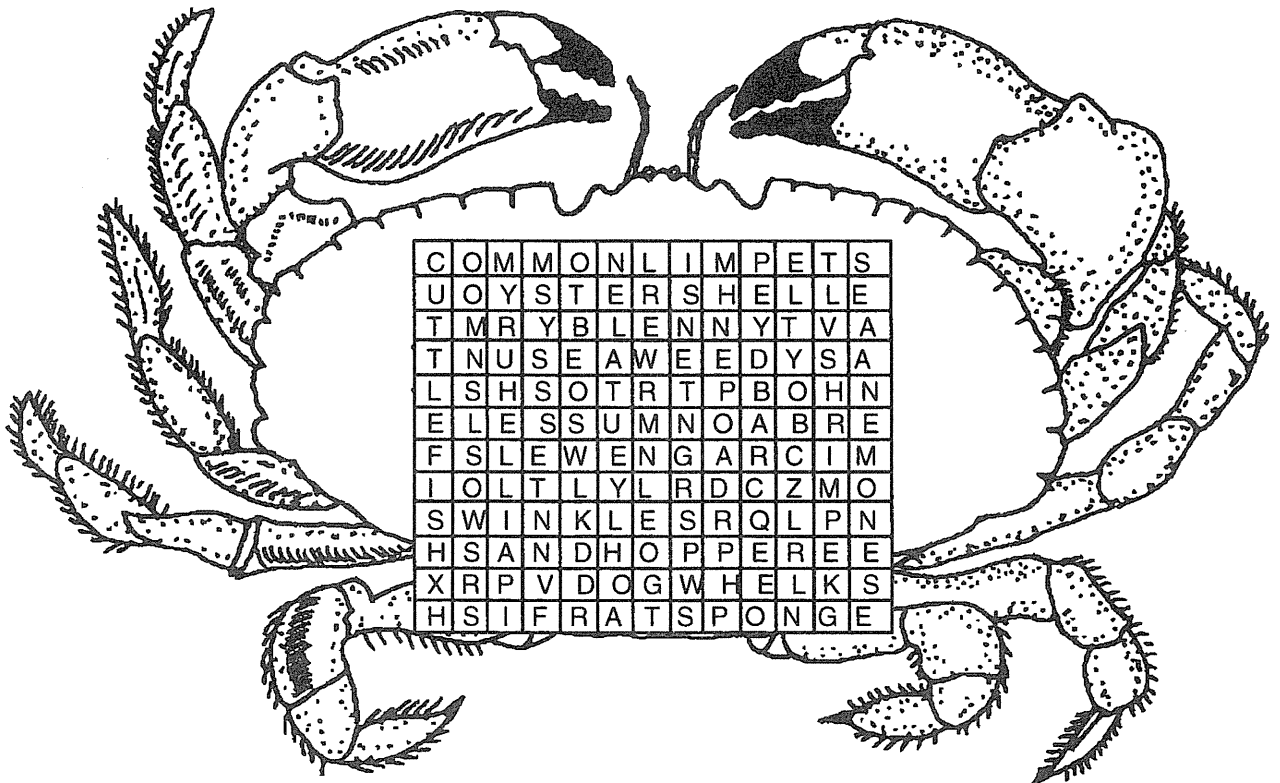
The tide comes in and goes out twice a day. When the tide is out, it is called low water and when it is furthest in it is called high water. It is the gravity of the moon that causes the tide to move. If there is a full moon or no moon there is the biggest pull on the water, this gives a very big difference between high and low water, this is called a Spring tide. During the half moon there is the least effect on the tide and the difference between high and low water is very small, this is called a Neap tide.

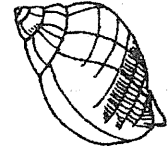
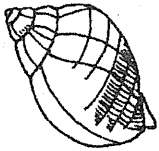
Was the water high or low when you arrived at the beach today?

There is one very high tide every two weeks and for the next two weeks all of the tides are lower. How can this affect some of the creatures and plants that live in some of the rock pools?

How many rock pool creatures can you find?

Dog whelks, Sea Anemones, Crab, Common Limpets, Goby, Mussels, Seaweed, Shrimp, Cuttle fish, Winkle, Sponge, Sand Hopper, Eel, Blenny, Star fish, Oyster shell, Barnacles.





What's the beach called we visited today
(a) Caswell (b) Langland (c) Three cliffs

You can often see shell creatures stuck to the rocks when the water goes out hidden in their shells, why do they do this?

DID YOU KNOW!

Starfish have been around for 500 million years

DID YOU KNOW!

Barnacles settle on the hulls of ships and slow them down

DID YOU KNOW!

Two thirds of our planet is covered by water

DID YOU KNOW!

Giant seaweed can grow 1m in a day and reach 100m

DRAW A PICTURE OF SOME THING YOU FOUND LIVING IN A ROCK POOL.

