

Fieldwork at Malta National Aquarium



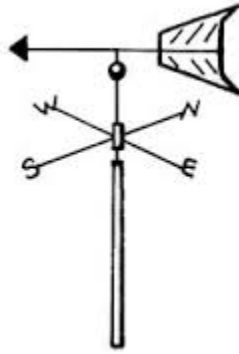
Name: _____

Class: _____

Date: _____

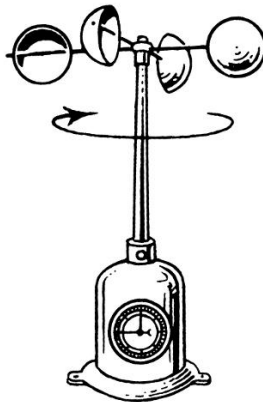
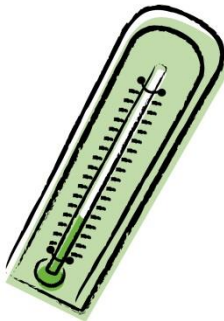
The Weather

Match the pictures to the words.



wind vane
(pinnur)

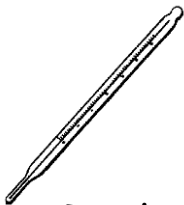
thermometer
(termometru)



raingauge
(pluvjometru)

anemometer
(anemometru)

We use a thermometer to measure how cold or hot it is.

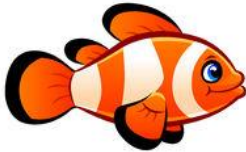


Today, the temperature *indoors* is _____ °C
and the temperature *outdoors* is _____ °C

The Malta National Aquarium



On your visit to the Aquarium, make sure you don't miss watching these fish. To help you, tick all the fish you manage to see. Make sure you don't miss out the clownfish!



clownfish



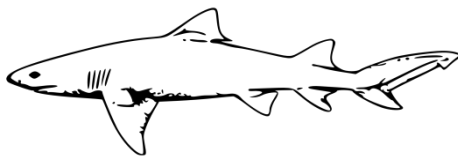
sea anemone



seahorse



jellyfish



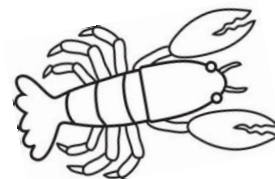
shark



flying fish



octopus

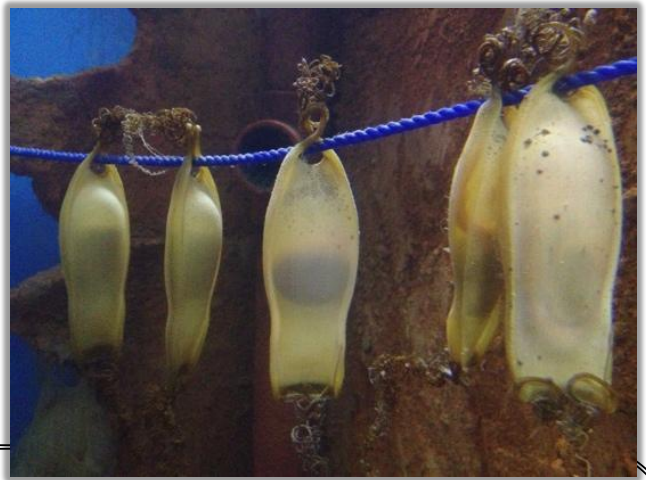


lobster

Zone 1: Who's eating who?

All living organisms need food to survive! Plants use sunlight, water and nutrients to make their own food in their leaves. Plants are eaten by animals. These animals become food for other animals, creating a **food chain**.

As you walk through the Aquarium...think about 'what eats what?'



1. How do the shark egg cases survive without food from their mother?

How do they survive?

Write the name under each picture.

What does each sea creature use to protect itself from animals that might want to eat it? Draw a line from the animal to its protection



● sharp spines

name:



● shell from a sea snail

name:



● strong claws

name:



● cloud of ink

name:

Animal names:

Hermit crab

Seaurchin

Octopus

Lobster

Zone 2: Competition

Food isn't always that easy to find and this leads to competition between the same type of fish or even between different animals.

2. What will happen if too many animals feed on the same thing?



3. What will happen if an animal disappears from the food chain completely?

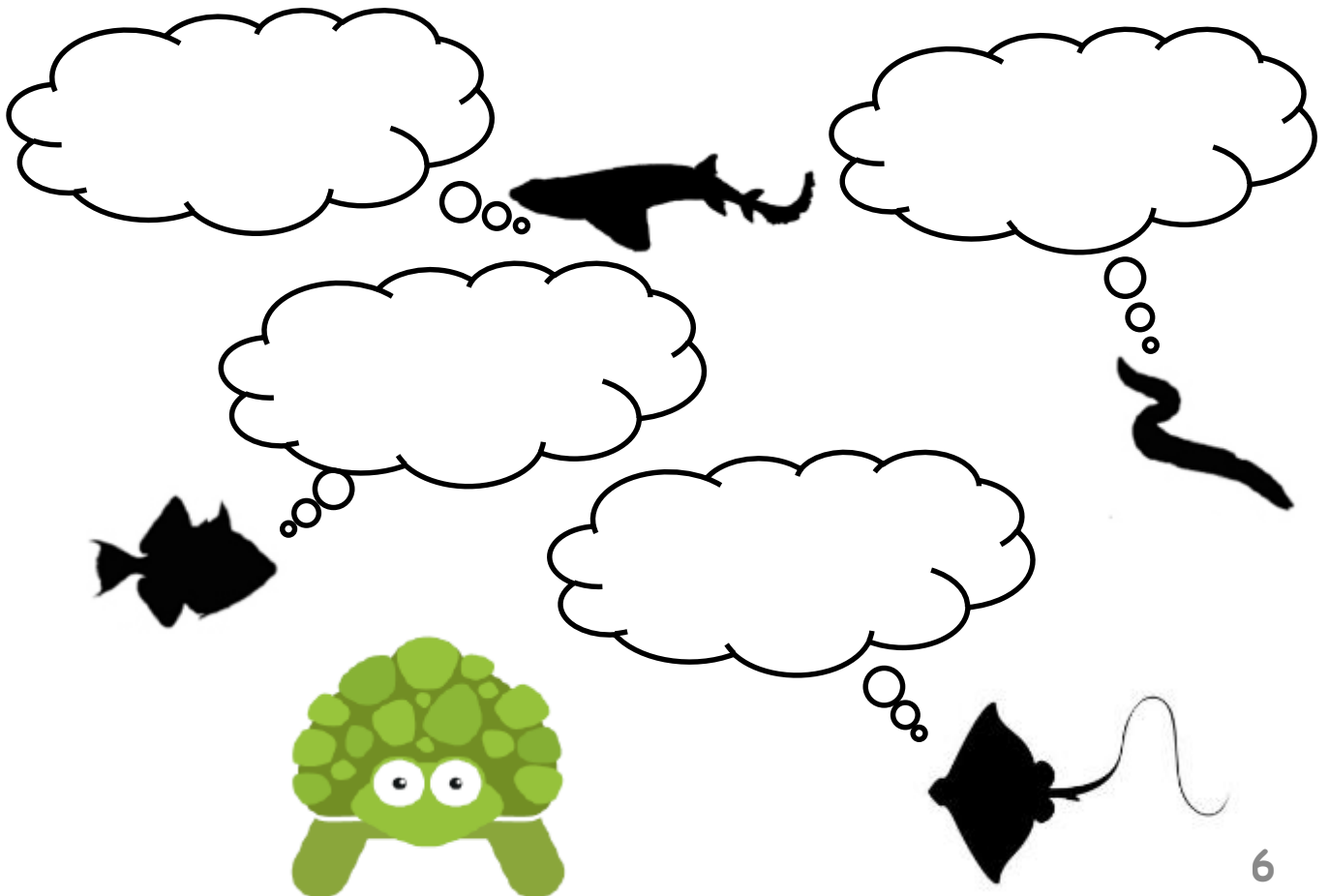


Zone 3: Aquarium fish

Aquarium fish are well fed and therefore do not need to waste energy on catching other species for food.

4. What do you think the fish and sharks are fed?
How many times a day are they fed?

Have a look at the different animals in the tank.
How do they capture food in the wild?



Predators and prey

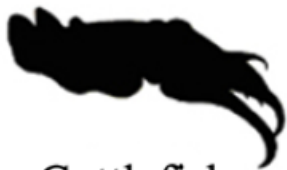
Which are the predators and which are the prey?
Draw a line from the predator to the animal it would like to eat.



Seastar



Crab



Cuttlefish



Herring



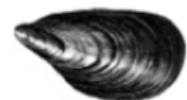
Conger eel



Prawn



Trigger fish



Mussel

Zone 4: Food chain

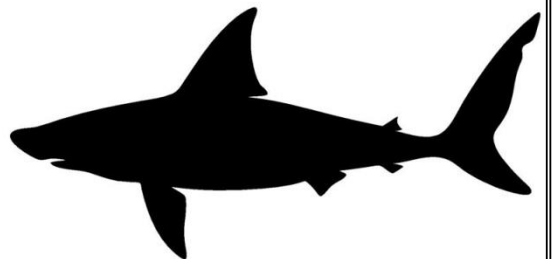
Sharks are **predators** and most other animals are its **prey**.

Producer - gets energy from the sun and makes its own food.

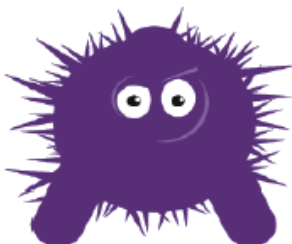
Consumer - feeds on producers or other consumers.

Consumers can be **herbivores** (eat plants), **carnivores** (eat meat) and **omnivores** (eat both plants and meat).

5. Complete the following food chain by labelling the pictures and drawing the correct arrows to show the flow of energy:



*herbivore - producer - algae -
parrot fish - carnivore - shark*

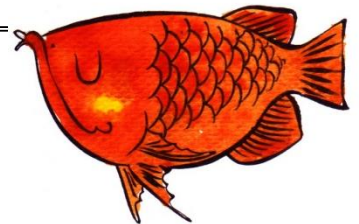


Zone 5: Freshwater



This zone presents a lot of diversity...two of the tanks are inhabited by freshwater fish which have a slightly different food chain to marine fish .

6. Which fish do you think jumps out of the water to feed on insects from trees?



7. Which fish is cousin to a meat eating fish but actually prefers to eat fruit and vegetables?



Draw a simple food chain

