Knowledge Organiser: Blue Planet

Year 1 and 2 Summer 1 2024

Floating and sinking (Science)

Objects in liquid either:

Float - it rests on the surface of the liquid OR

Sink - the object drops down into the liquid

The material of the object, the shape and the weight of it can affect this.



shutterstock.com · 665039170

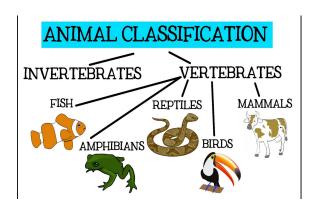
Sea creatures (Science)

Animals can be **classified** (sorted using rules) into different groups:

Fish - have gills that help them breathe underwater.

Reptiles - have scaly skin and they live on land or in water. They breathe air on the surface of water.

Mammals - have fur or hair. They give birth to babies. They breathe air above the water.



Invertebrates - have no backbone. They often have soft bodies and shells for protection.

Amphibians - live in or near water. They lay eggs.

Birds - they have feathers and most can fly. They lay eggs.

Oceans and seas (Geography)

An ocean is a large area of salt water. Oceans cover most of our planet. There are 5 oceans – Arctic, Atlantic, Pacific, Indian and Southern.



Open the door...

Read more about vertebrates and invertebrates: <u>Animal Groups | Types Of Animals | DK Find Out</u>

Explore the sea creatures at London Sea Life Centre online Meet Our Sea Creatures | SEA LIFE London Aquarium (visitsealife.com)