

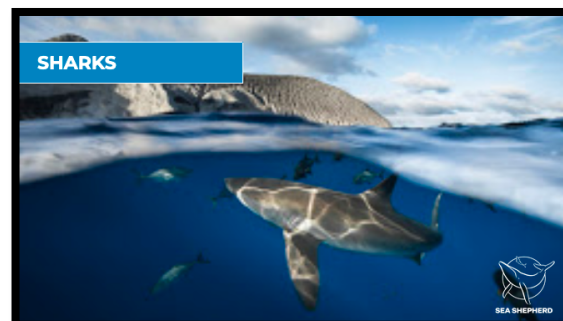


### Lesson Summary

This lesson focuses on shark species, why they are important to the ecosystem and the threats they are facing globally.

From this lesson students will:

- Learn about sharks.
- Understand some of the issues impacting sharks.
- Discuss ways we can protect sharks.



### Learning activities

These activities are designed to enhance and expand on the key learnings from the Sharks lesson. They can be used as part of the Lesson or assigned as research or projects.

### Learning Activity 1

Students draw their own shark swimming in the ocean or use the colouring in sheet available.

Around the shark write words that describe the shark.

Or

Write about the shark:

- What is your shark's name?
- Where does your shark live?
- What does your shark like to eat?
- How does your shark spend its day?



### Learning Activity 2 – Electoreception activity

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Sharks use electoreception to locate prey, they read electrical pulses. It is like when you put two magnets together and they connect.

To demonstrate this you will need:

- Two magnets, strip magnets or small flat magnets work best. They need to be strong enough to attract over short distances
- Cut out a shark and several fish or rays, using thin cardboard.
- A string, to attach to the shark.
- A shallow tray or tub.
- Enough sand to create a layer, a few centimetres thick, on the bottom of the tray.

#### Preparing demonstration

Attach the magnets to the back of the shark and fish/rays using glue or tape.

Attach the string to the shark either by taping to back or punch a hole in the nose and tie the string on.

Fill the tray with sand and level. Bury the fish and ray just under the surface of the sand so they can't be seen.

#### Showing electoreception

To demonstrate how electoreception works the shark will be dangled just above the sand, moving it along. If the magnet works correctly it will be drawn to the fish or rays.

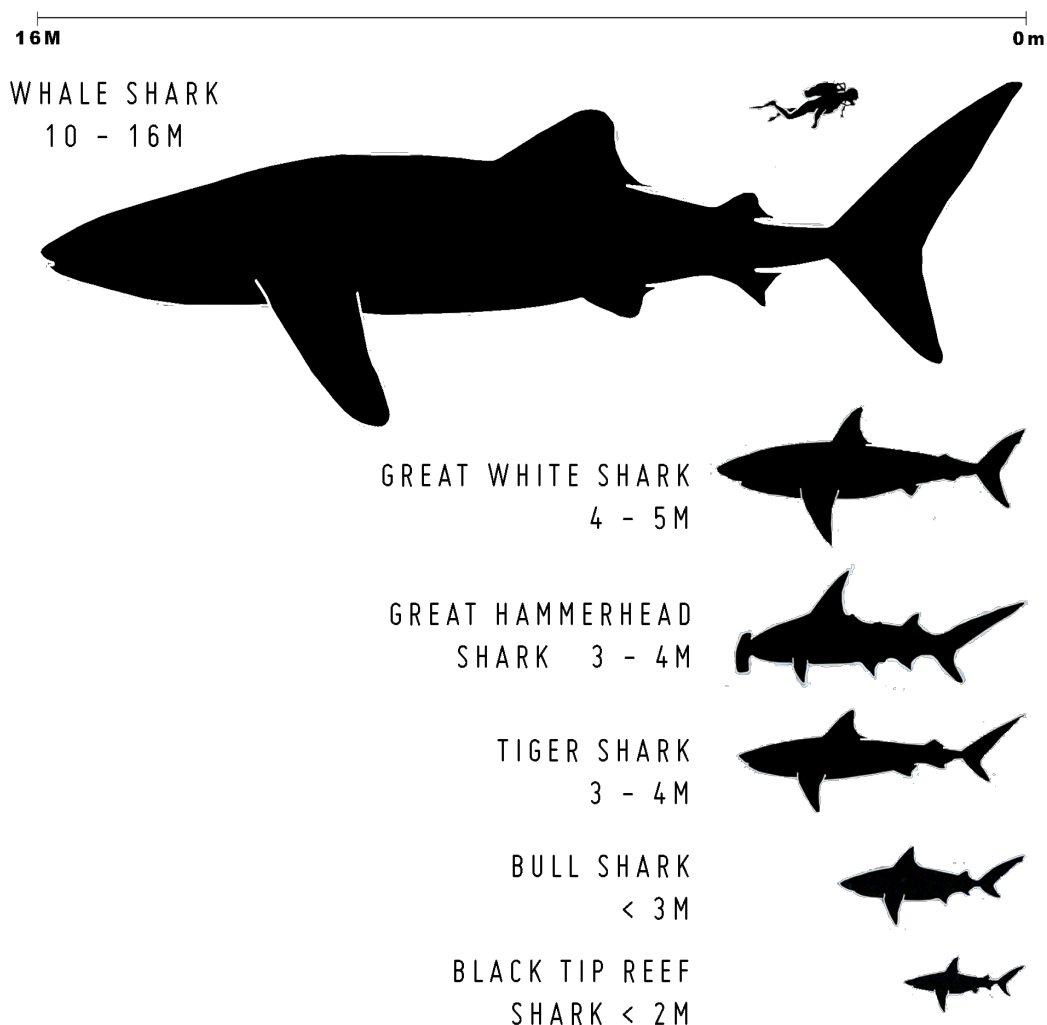


### Learning Activity 3 – Comparing size of sharks

To show the size of different species create a demonstration with students. Measure out the length of the following sharks on a playground/oval. As a comparison see our Whale lesson for whale sizes.

The children can then gain an understanding of the size of some shark species in the ocean.

Size chart of different sharks to use.



### YOUR FEEDBACK

We value your feedback and would be pleased to hear your thoughts about this lesson and activities. Any comments, suggestions or requests for further information can be sent to [education@seashepherdglobal.org](mailto:education@seashepherdglobal.org).