



## Introduction

The shark is the largest fish in the sea.

They have been around for more than 300 million years, before dinosaurs.

Sharks have a bad reputation however they are not as bad as they seem.

In fact, sharks keep the ocean ecosystem in balance.



## Task

You will gather some information about sharks from websites and present it on a poster.

You will choose 5 species of sharks and find their lengths and mass.

You will create a bar graph showing either length or mass and write statements about your graph.

You will demonstrate these measurements to visualize the real length of these sharks.

You will also create a quiz about a shark of your choice.



## Resources

<https://youtu.be/tfWMwG6aYzQ>

<https://www.youtube.com/watch?v=HmR8h3t0fEk>

<https://kids.britannica.com/kids/article/shark/353766>

<https://www.nationalgeographic.com/animals/fish/facts/sharks-1>

<https://kidskonnnect.com/animals/shark/>

<https://www.coolkidfacts.com/shark-facts-for-kids/>

<https://www.youtube.com/watch?app=desktop&v=ZFk0xhqT5fQ>

## Process



### *Task 1*

#### *(Individual work)*

- i) Browse some shark websites and collect interesting information.
- ii) Write 5 facts about sharks which include numbers or measures (e.g. number of species, sizes, life span, teeth, whereabouts of these sharks on map etc.,).

#### *(Group Work)*

- ii) Present them orally or written to your group.
- iii) Create one poster about sharks including important information, pictures and/or diagrams.

*Task 2*

*(Individual or Group Work)*

- i) Name 10 different sharks.
- ii) Choose 5 favourite species of shark and fill in this table.

Note:

When there is range in length *e.g. 4m to 6m* choose the number half way (*Ans: 5m*)

Make sure length is in metres or centimetres and mass is in kilograms or grams.

<b>Shark Name</b>	<b>Length (centi/metres)</b>	<b>Mass (kilo/grams)</b>
1.		
2.		
3.		
4.		
5.		

iii) Chose either LENGTH or MASS and draw a bar graph to present these measures.

iv) Write statements to explain or compare measures of sharks and humans.

*Note: A human being is about 170cm (1.7m) tall and weighs about 75kg.*

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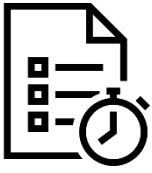
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iii) Use a measuring tool of your choice to demonstrate the real lengths of the sharks you chose.



### Task 3

(Group Work)

i) Create a shark quiz (on paper or digital) and a corresponding answer sheet.

Select one species of shark, use the collected information and create 6 to 10 questions which either include numbers or are linked to maths.

e.g.

The Great White shark is heavier than a car?

True \_\_\_\_\_ False \_\_\_\_\_

The Great White Shark has

a) 10 teeth

b) 100 teeth

c) 1000 teeth

d) 3000 teeth

ii) Test your quiz, time it and give it to your friends complete it.

## Evaluation

Skill	Basic	Good	Advanced
Browse information	I can browse websites with help.	I can browse some websites independently but need help to select information.	I can browse websites independently, select important information and share it with others.
Demonstrate measurements	I need help to find the correct measurements and fill in the table.	I find the correct measurements and completed the table. I need some help to demonstrate measurements.	I completed the table on my own and demonstrated the measurements creatively.
Present and Analyse Data.	I need help to fill in table and to draw a bar graph.	I fill in table on my own. I need some help to draw a bar graph and write statements.	I fill in table independently and write complex and original sentences about the information.
Create Quiz	I contributed slightly to create the quiz.	I contributed well to create the quiz.	I led the group to create the quiz and contributed with creative questions and choices of answers.

## Conclusion

A lot has been learned on this journey about sharks. The most feared creatures are an important part of the oceans ecosystem. Although they are top predators, humans have been worst and they have affected their populations. There are four species of sharks in the endangered list so it is very important that we see these animals as beautiful animals and how to protect them.

<https://seashepherd.org/>