

# Ocean Research Project

The project is divided into four topics.  
You can collaborate on all the answers within  
your project team.

PROJECT GRADE:



## General Facts

Why is the ocean salty?

Put a checkmark next to  
sentences that are true.

- Oceans cover more than 70% of Earth's surface.
- People have explored around 20% of Earth's oceans.
- Over 90% of our planet's oxygen is produced by the ocean.

It's possible to find rivers and lakes beneath the ocean. Why?

What percentage of the United States lies beneath the ocean?

- Around 50%
- Around 30%

What's the length of the Mid-Ocean Ridge?

- 65,000 km
- 45,000 km

Where's the deepest point on the planet?

How fast do tsunamis move?

## Animals

List 15 animal species that live in the ocean.

Put a checkmark next to sentences that are true.

- 5% of ocean animals are vertebrates.
- Some of the smallest animals on Earth can be found in the ocean.
- The largest animal on Earth can be found in the ocean.

What are invertebrates? List 2 ocean invertebrate species.

How long have jellyfish existed?

- More than 650 million years
- Around 250 million years

The blue whale can weigh as much as:

- 50 full grown elephants
- 25 full grown elephants

What is the most venomous fish in the ocean?

Which ocean animal has the ability to switch gender?

Pollution

Why is plastic threatening the ocean?

Put a checkmark next to sentences that are true.

8 million tons of plastic goes into the ocean every year.

More than 200 million tons of plastic currently litter the ocean.

Only 18% of plastic waste is recycled.

What can you do to help prevent ocean pollution?

In 2016, we produced this amount of plastic per person:

36 kilograms

53 kilograms

8 million tons of plastic is the equivalent of:

536 billion 500ml water bottles

336 billion 500ml water bottles

Plants

Why are ocean plants important?

Put a checkmark next to sentences that are true.

Corals are plants.

Red algae seaweed cannot perform photosynthesis in the twilight zone.

Ocean plants and fish have a symbiotic relationship.

Which two categories of plants can we find in the ocean?

What % of all photosynthetic life occurs in the oceans?

Around 90%

Around 60%

How deep do plants grow in the ocean?

65,000 km

45,000 km

Student 1

Name:

Signature:

Student 2

Name:

Signature:

Student 3

Name:

Signature:

Student 4

Name:

Signature: