

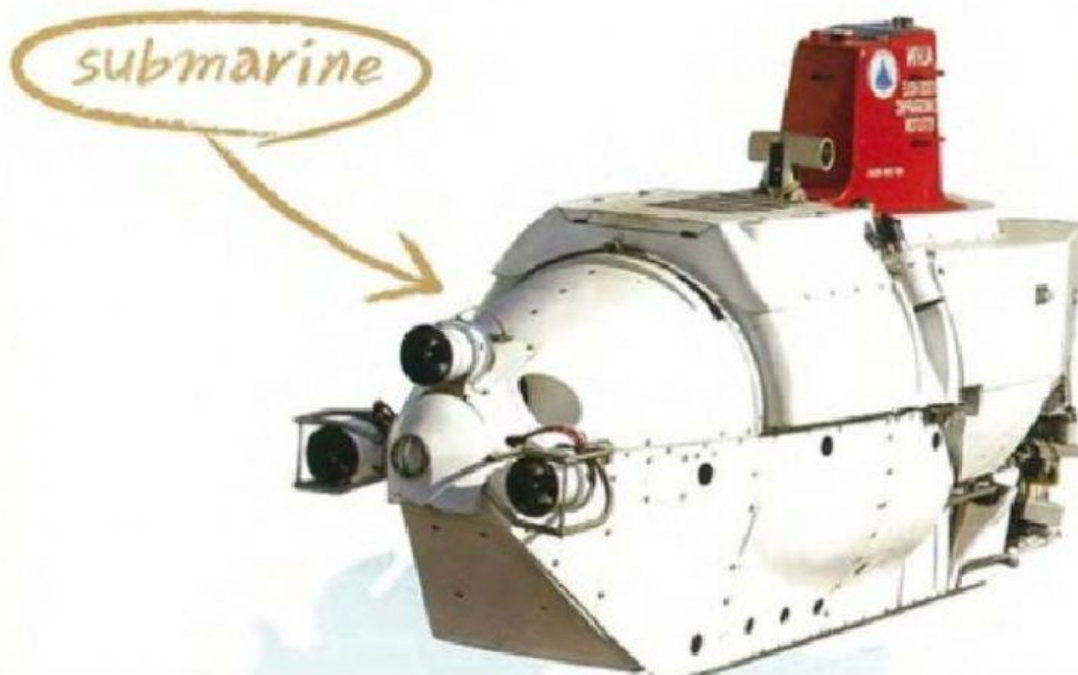
The ocean is about 3,600 meters deep. It is not easy to go down to the ocean floor. But scientists know how to study it.

Scientists use submarines. One famous deep-sea submarine is called ALVIN. It is small. But it can dive 4,500 meters deep. It can reach the ocean floor.

ALVIN can carry two scientists and a pilot. It has windows, lights, and cameras. The ocean floor is dark and cold. Scientists cannot go out. But they can use ALVIN.

ALVIN has two big robot arms. Scientists can take samples of soil, water, or sea life with ALVIN's arms.

ALVIN may be small. But it does a great job for us!



Check Comprehension

Choose the correct answers.

1. The passage is mainly about _____.

a a special submarine

b a special scientist

2. A _____ can reach the ocean floor.

a



submarine

b



boat

3. ALVIN has windows, cameras, and _____.

a



lights

b



fishing nets

Check the correct answers.

4. ALVIN helps scientists study the ocean floor.

5. ALVIN can carry three people.

True False

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Build Vocabulary

⑥ **Complete** the sentences.

reach

study

famous

1. I cannot _____ the top. I am too small.
2. When I grow up, I want to be a _____ singer.
3. I love insects. I want to _____ them more.

Organize Information

⑥ **Complete** the graphic organizer.

Problem 1		Solution 1
The ocean floor is _____.	➔	• Scientists use _____. • ALVIN can dive 4,500 meters deep.
Problem 2		Solution 2
Scientists cannot go out of ALVIN.	➔	• Scientists use ALVIN's _____ to take samples.

 two robot arms

 **dive**

 submarines

 deep