

Name _____



Explorers will be traveling on a ship across the Weddell Sea to visit Antarctica. The expedition will last 45 days.

Important words to know

- ❖ **Expedition**- a journey taken for a purpose
- ❖ **Glaciology**-the study of glaciers (masses of ice)
- ❖ **Marine biology**-study of organisms that live in saltwater
- ❖ **Oceanography**-study of the sea
- ❖ **Marine archaeology**-the study of human interaction with the sea (ex-ship wrecks)

Technology used during the expedition

- ❖ **Drone**-unmanned aircraft
- ❖ **Aerial drone**-aircraft without a human pilot onboard
- ❖ **Autonomous underwater vehicle**-a programmable robot that travels underwater without human operators
- ❖ **Remote operated vehicle**-an underwater vehicle that is tethered (attached by a rope)
- ❖ **Sediment corer**- a long narrow metal tube used to collect samples from the ocean floor

Describe the environment surrounding the Weddell Sea and Antarctica.

What do the explorers eat during the expedition?

Describe the transportation used by the explorers to get to Antarctica. How will they travel across the ice on Antarctica?

Describe some of the scientific research that the explorers are conducting.
