

Lesson 5: What is Oceanography?

Oceanography with Lab

The Branches of Oceanography

Complete the chart by listing the four branches of oceanography and describing what is studied for each branch.

Branch	Topics Studied

1. Under which branch would one study the ocean floor?
2. Under which branch would one study marine organisms?
3. Under which branch would one study the water cycle?
4. Under which branch would one study salinity?
5. Under which branch would one study the Coriolis Effect?
6. Under which branch would one study plate tectonics?

Lesson 5: What is Oceanography? (cont.)

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The Origin of the World Ocean

Answer each question from both a young earth and an evolutionary view.

1. How old is the Earth?
2. Where did the Earth's surface water come from?
3. Are the ocean and present atmosphere "leftovers" from the original atmosphere?
4. How might the Earth be different if an ocean had not formed on its surface?

The Ocean Basins

1. What percentage of the Earth is covered by ocean?
2. What are the Earth's basins?
3. Name the Earth's oceans.
4. Which is the largest ocean?
5. What is the difference between an ocean and a sea?

Lesson 5: What is Oceanography? (cont.)

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6. What is the deepest point in the ocean? In which ocean does it lie?

Complete the chart below by defining and giving an example of each term.

	Definition	Example
Strait		
Gulf		
Sea		
Ocean		