

Internet Scavenger Hunt

Expeditions to the Seafloor



Expedition 5 Galapagos Islands

Directions:

- Go to the *Dive and Discover* website at <http://www.divediscover.who.edu> Here you will have an opportunity to see science discoveries happening in real time!
- Click on the oval to join the current expedition and you should reach Expedition 5 August 23- September 24, 2001
- Search the information on this expedition to answer the following questions

Introduction

1. What two islands will Expedition 5 explore the undersea volcanic slopes of ?

_____ and _____

2. What type of instruments will scientists on Expedition 5 use to make new geological discoveries in the Galapagos?

3. What activities do scientist plan to do to help them understand the geological history of these volcanoes?

_____ and _____

4. What is the name of the research vessel being used on this expedition?

5. Looking at the map at the top of that page where are the Galapagos Islands in relationship to the equator?

Daily Update

Choose a day from the calendar to write about.

Date chosen: _____

6. What were two things that happened that day?

7. Click on the slide show and check out the pictures. Which photo was most interesting to you? Why?

About the Cruise- Cruise Objectives

8. The Galapagos Archipelago stretches over how many miles in the eastern Pacific Ocean ?

9. How many major and minor islands make up the Galapagos?

major- _____ minor- _____

10. What are **four** of the questions the scientists are exploring on this expedition?

11. What is the definition of the term "lava"?

12. What tool will they use to collect data to make bathymetric maps of seafloor topography?

13. What tool will they use to collect data to create images of submarine lava flows?

14. What tool will they use to photograph seafloor lava flows?

About the Cruise- Oceanographic Tools

15. Give a brief description of each of the vehicles of the National Deep Submergence Facility that are used to observe, sample, and conduct experiments in the deep sea.

R/V Revelle _____

DSV Alvin _____

ABE _____

Medea _____

DSL-120 _____

JASON _____

ARGO II _____

Mail Buoy

16. Write one question you have about the research, the Galapagos Islands, or about what it is like to work on board a ship.
