Chapter 9 Review Questions

Please answer each question with detailed, supported information. All questions are to be in complete sentences.

**Vocabulary:**

Environment:

Extreme Environment:

1. Why/how can some organisms/creatures live in extreme environments? P. 166
2. Where are extreme environments located? How are they similar? P. 167
3. Use the text to find the needed information to complete the table pg. 168-171

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Regions | Where | Temp | Organisms | Characteristics |
| Polar |  |  |  |  |
| Deserts |  |  |  |  |
| Oceans |  |  |  |  |
| Volcanoes |  |  |  |  |
| Outer Space |  |  |  |  |

1. Why did ancient peoples explore? P. 172
2. Why do we continue to explore today? P. 173-175

1. What extremes in the Arctic environment have the Inuit overcome with technology? P. 176-177

**Take it further:**  
1. Pick an extreme environment that you are curious about:

2. What would you want to learn about it?

3. Why would learning this be helpful?

3. Research at home- find at least two technologies that would help you complete this research.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Technology Name | How it can help you | What allows it to survive in the extreme environment? | How will it bring data back to you? | Where did you locate this research? |
|  |  |  |  |  |
|  |  |  |  |  |