

Chapter 1 Introduction to Earth Science

Section 1.1 What Is Earth Science?

This section explains what Earth science is and what Earth scientists study.

Reading Strategy

Categorizing As you read about the different branches of Earth science, fill in the column with the name of each branch and list some of the things that are studied. For more information on this Reading Strategy, see the **Reading and Study Skills** in the **Skills and Reference Handbook** at the end of your textbook.

geology	a. Earth, earthquakes, mountains, volcanoes, Earth's history
b. oceanography	c. composition and movements of seawater, coastal processes, seafloor topography, marine life
d. meteorology	e. atmosphere, weather, climate
f. astronomy	g. universe, solar system

Overview of Earth Science

- Circle the letters of the topics studied in Earth science.
 - Earth's atmosphere
 - Earth's surface
 - Earth's neighbors in space
 - Earth's interior
- What are some of the subdivisions of Earth science? The subdivisions of Earth science include geochemistry, geophysics, geobiology, paleontology, oceanography, meteorology, and astronomy.
- What does the word *geology* mean? The word geology means "study of Earth."
- Is the following sentence true or false? Geology is divided into two broad areas—physical geology and historical geology. true
- What do physical geologists study? Physical geologists study the materials that make up Earth and the processes that shape our planet.
- Rocks and minerals form in response to Earth's internal and external processes.

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web wolves and moose of isle royale visit to answer the following introductory questions 1 what are the predators and prey involved in this activity wolf and moose wolf and moose 2 what is the purpose of this study for example how long has this study been happening why did it start what are the goals 3

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web provide a biological explanation for why the moose population overshoots its carrying capacity when moose first colonize isle royale hint consulting the introduction might help at year 50 or later with the moose population at its carrying capacity what would happen if an extra 200 moose suddenly arrived on isle royale how would this

isle royale worksheet docx isle royale worksheet this lab - Feb 09 2023

web isle royale worksheet this lab simulation will take place in the simutext software by simbio use this worksheet to make sure you can answer questions about the lab that may appear on your lab quiz i e stable moose population for moose approx 200 the capacity did not change because moose are limited by plant growth which did not