

## SECTION

**1.1**

## THE STUDY OF LIFE

**Study Guide****KEY CONCEPT**

Biologists study life in all its forms.

**VOCABULARY**

biosphere  
biodiversity  
species

biology  
organism  
cell

metabolism  
DNA

**MAIN IDEA:** Earth is home to an incredible diversity of life.

Take notes about the diversity of life on Earth in the chart below.

1. In the box labeled **The Biosphere**, list examples of environments on earth in which life is found.
2. In the box labeled **Biodiversity**, write a definition of the term in your own words.
3. In the box labeled **Species**, briefly explain what a species is.

Earth is home to an incredible diversity of life.

**The Biosphere**

**Biodiversity**

**Species**

4. How is biodiversity related to the biosphere?

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5. In general, how does biodiversity vary across the biosphere?

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# Reading And Study Workbook Biology Answer Key

## Chapter 1

**Anthony S. Fauci**



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rod handling inserting the core barrel 1 run the drill head to the base of the mast and open the chuck and rod clamp 2 attach the water swivel or hoisting plug to the core barrel 3 attach the main hoist cable to the water swivel or hoisting plug bail 4

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web mar 23 2021 simulate mitosis move the chromosomes through each of the four stages of mitosis draw and label the pop bead chromosomes for one of the phases on a separate sheet it is not necessary to draw each individual bead draw a large circle on the paper to represent the cell and the nucleus with a pencil

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web after completing this lab exercise you should be able to identify and describe the stages of the cell cycle mitosis and meiosis recognizing the events that occur during each stage distinguish between mitosis and cytokinesis as they take place in animal and plant cells

