

Overview

Exploring and Classifying Life

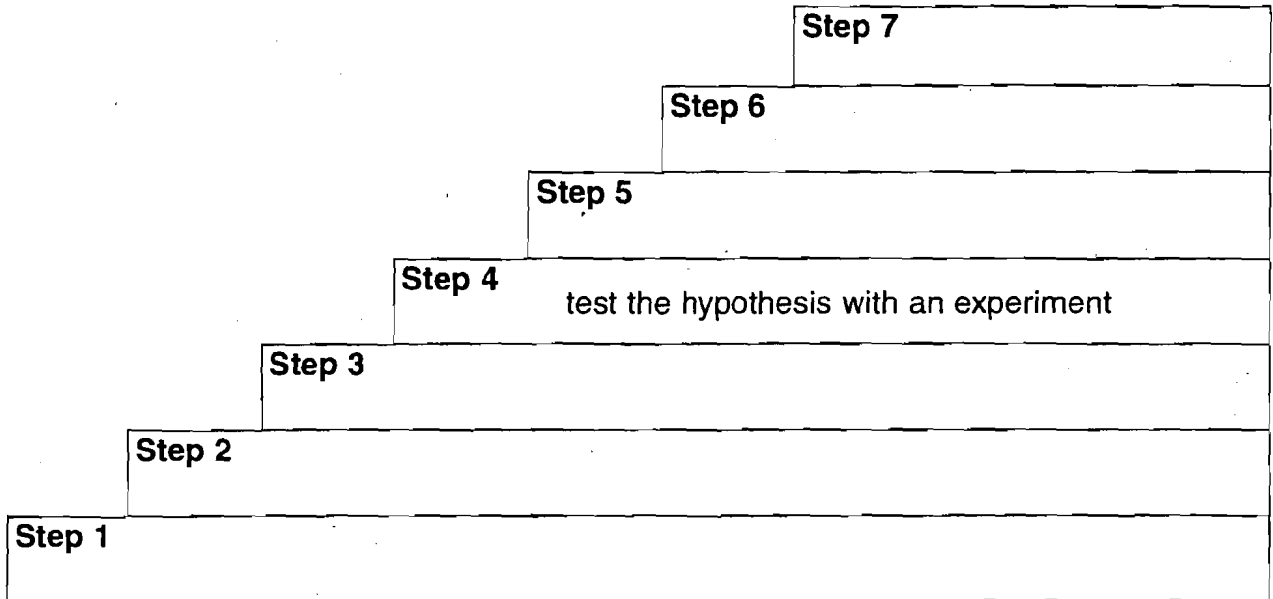
Directions: Complete the diagram using the phrases in the list below.

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state the problem
gather information

form a hypothesis
draw conclusions

report results
analyze data



Steps of Scientific Methods

Directions: Complete the following sentences using the terms in the list below.

genus

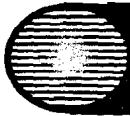
biogenesis

cell

organism

nomenclature

- Any living thing is called a(n) _____.
- In the mid-1800s, scientists developed the theory of _____, which states that living things come only from living things.
- Binomial _____ is the system developed by Carolus Linnaeus in the late 1700s for naming living things.
- A(n) _____ is the smallest unit of an organism that carries on the functions of life.
- The first word of the two-word naming system identifies the _____ of the organism.



**Directed Reading for
Content Mastery**

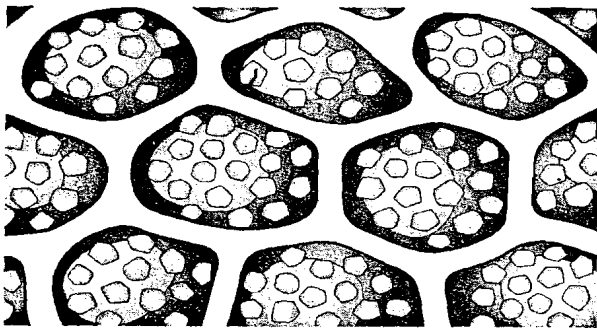
**Section 1 ■ What is science?
Section 2 ■ Living Things**

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Directions: *Unscramble the terms in italics to complete the sentences below. Write the terms on the lines provided.*

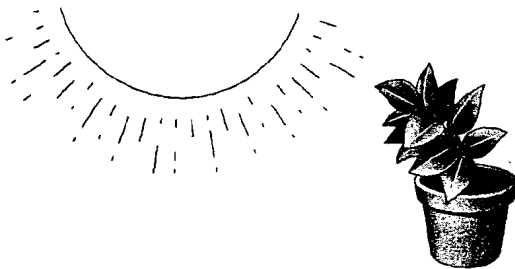
- _____ 1. A(n) *abrivlea* is what is being tested in an experiment.
- _____ 2. A(n) *poehsyhtis* is a prediction that can be tested.
- _____ 3. *oshmeosaits* is how living things keep the proper conditions inside themselves.
- _____ 4. All living things are composed of one or more *lcles*.

Directions: *Each illustration represents a trait of living things. Complete each sentence with the words that describe each trait shown.*



5. Living things
are _____.

6. Living things _____.



7. Living things take in and
use _____.



8. Living things _____.



9. Living things
_____.