Topic 01

What is Biology?

Definition

Biology is a Life Science.

Biology deals with living things in the world.

Biology is the study of living organisms, including their structure, functioning, speciation, distribution, and interrelationships.

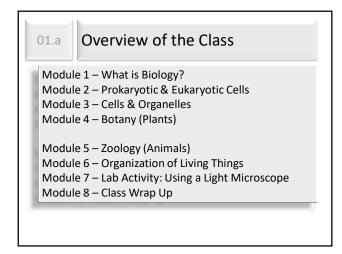
Learning Objectives

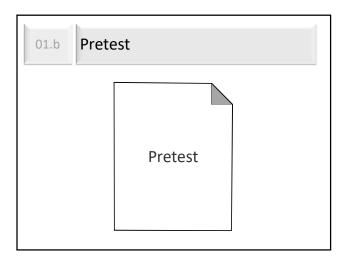
At the end of this module, students will be able to:

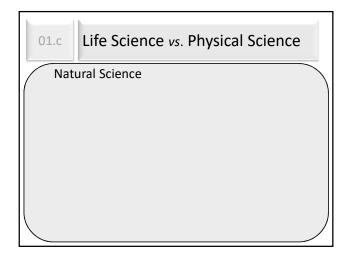
- Contrast and compare biology (life science) to physical science
- Describe general differences between biology and life science
- Identify three or more disciplines in the life sciences
- List (write) the three statement of cell theory

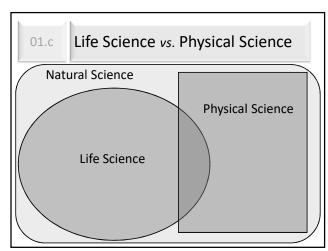
Outline

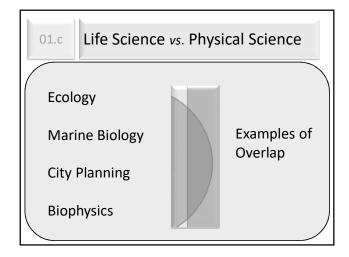
- a. Welcome and Overview of 2 weeks (5 min)
- b. Administer biology pretest (10 min)
- c. Discuss biology compared to physical science (5 min)
- d. Examine biology as an introduction study (5 min)
- e. Take notes of life science areas of interest (10 min)
- f. Practice memorization of cell theory (5 min)
- g. Planned additional time for overage (15 min)

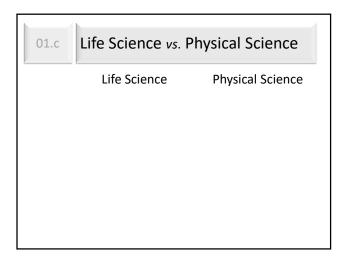


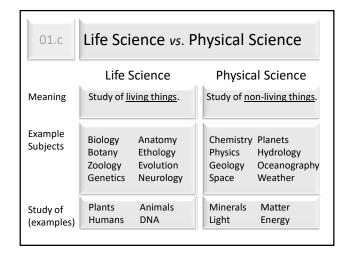


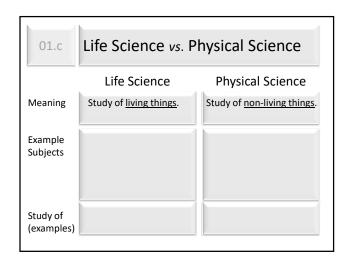


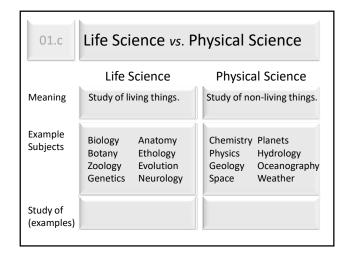


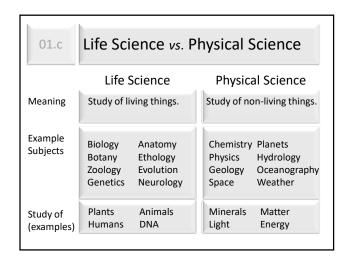


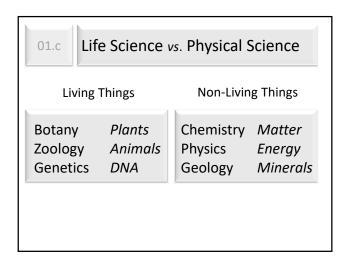


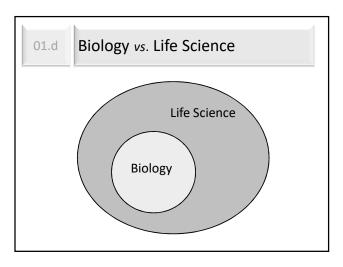


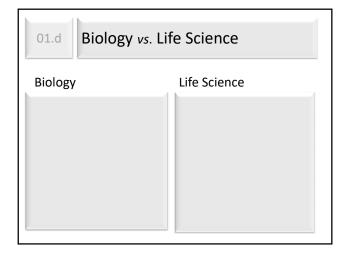


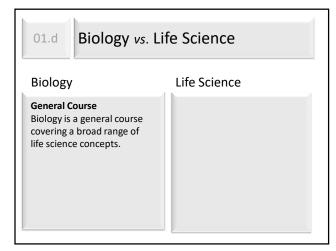


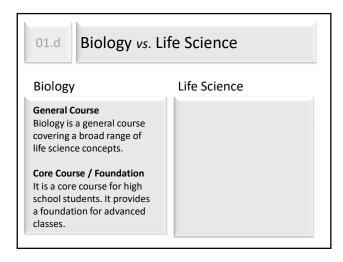


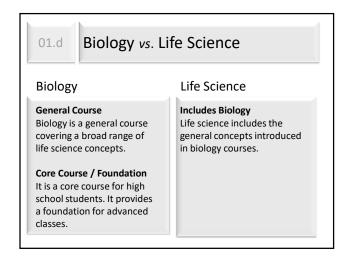


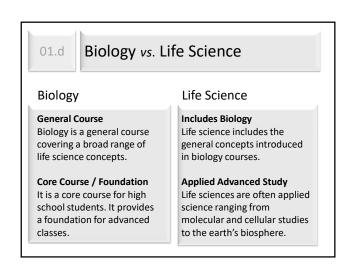


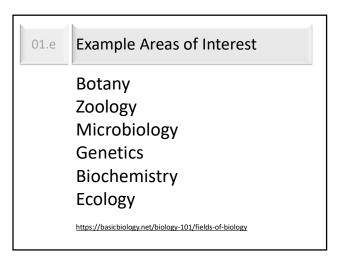


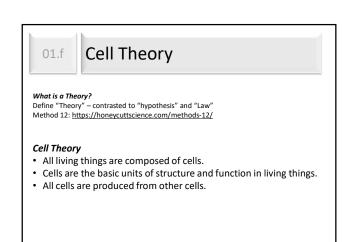


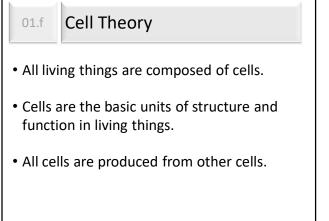






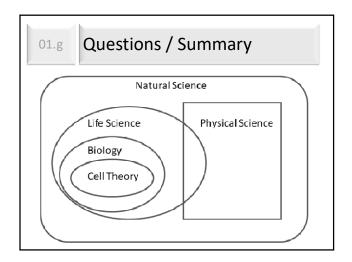






01.f Cell Theory

- All living things are composed of cells.
- Cells are the basic units of structure and function in living things.
- All cells are produced from other cells.



Check

At the end of this module, students will be able to:

- Contrast and compare biology (life science) to physical science
- Describe general differences between biology and life science
- Identify three or more disciplines in the life sciences
- List (write) the three statement of cell theory