

## Unit 1: Characteristics of Life

What should I understand, know and be able to do?

	Got it ✓
<b>By the end of the unit I will UNDERSTAND that...</b>	
Interdependent systems with specialize parts function to define and sustain life.	
<b>By the end of the unit I will KNOW that...</b>	
Biology is the study of life.	
Scientists do not adhere to a single method to solve problems.	
Parts of the microscope and how to operate.	
The characteristics of living things are cellular organization, evolution, heredity, reproduction, homeostasis, interdependence and metabolism.	
Eukaryotic cells are complex cells that contain a nucleus.	
Prokaryotes are the simplest cellular organism and have no nucleus.	
The genetic code is universal among all organisms.	
<b>By the end of the unit I will BE ABLE TO...</b>	
Visualize specimens using the microscope.	
Use the scientific method to formulate hypotheses based on observations, make inferences and draw conclusions based on data.	
Identify the parts of the microscope.	
Use data to construct a properly labeled line graph.	
Identify an organism as living or non-living based on its characteristics.	