

Unit Issue Provides context for relevant and connected anchoring and investigative phenomena within the unit.

When you look through a microscope, organisms as different as humans, plants, and many microorganisms that make people sick are all made of cells. How should we prevent the spread of an infectious disease?

Unit Phenomena What can we observe in science that makes us wonder?

Some diseases can be spread from person to person.

Even though organisms may look different on the outside, their cells have a lot in common.

Some organisms are just one cell, while other organisms have many cells.

Living organisms need food to survive.

Infectious diseases can be diagnosed and treated.

Activities Students use SEPs and understanding of DCIs and CCCs to explain, justify, and argue a point of view about the issue.

modeling disease outbreak

evidence of microscopic organisms

history of cell theory

evidence that cells are alive

investigating cell structure & function

modeling energy & matter in cells

cell permeability & cell function

a plant's source of energy

disease detectives

