

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

Most people look more like their biological relatives than other people, but each is unique. What are the ethical issues involved in using genetic information?

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

Some health conditions can be passed from parent to offspring.

Organisms tend to resemble their biological relatives, yet each individual is unique.

Even genetically identical organisms aren't exactly the same.

Specialized structures and behaviors are important for organisms to survive and reproduce.

Mutations can cause changes in function, including changes in hereditary health conditions.

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

genetic health conditions

coin toss model

Punnett Square patterns

environment affects on seedlings

breeding critters

patterns in animal behavior

scratch-and-sniff plant interactions

model gene sequence codes

advising Joe

