

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

Engineered solutions can improve the health and functioning of people. How can engineering be used to improve the lives of those living with medical conditions?

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

Many people have medical conditions.

Scientists and engineers use technologies. Technologies are often developed by engineers and scientists.

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

Save Fred!

Me, an Engineer?

Bionic Buddies

Design: Artificial Bone Model

Design: Artificial Heart Valve

The Work of an Engineer

Investigation: Snack Bar

Investigating Biomechanics

Design: Get a Grip