PhETs for EDC Earth Science

Unit 1

Waves Intro
https://phet.colorado.edu/en/simulation/waves-intro

- Frequency
- Amplitude
- Wave Speed

Buoyancy
https://phet.colorado.edu/en/simulation/legacy/buoyancy

- Buoyancy
- Density

Unit 2

The Greenhouse Effect
https://phet.colorado.edu/en/simulation/legacy/greenhouse
- Greenhouse Effect
- Greenhouse Gases
- Heat

Unit 3

Radioactive Dating Game
https://phet.colorado.edu/en/simulation/legacy/radioactive-dating-game
- Radiometric Dating
- Carbon Dating
- Half Life

My Solar System
https://phet.colorado.edu/en/simulation/legacy/my-solar-system

- Motion
- Acceleration
- Velocity

Unit 4

Plate Tectonics
https://phet.colorado.edu/en/simulation/legacy/plate-tectonics
- Plate Tectonics
- Crust
- Lithosphere

Unit 5

Natural Selection
https://phet.colorado.edu/en/simulation/legacy/natural-selection
- Natural Selection
- Evolution
- Genetics