



Proven Science Programs

PhET Alignment to Issues and Science, Third Edition developed by SEPUP

July, 2020

Note, PhETs are available separately at <https://phet.colorado.edu>, this list is not an implied endorsement of the content, just supplied by the Lab-Aids Product Management Team as a service for teachers who use PhETs. This list is arranged by unit for Issues and Science, Third Edition.

SEPUP Unit	related PhET
Interactions (IMP)	Concentration
Evolution (EVO)	Natural selection
Reactions (REA)	Reactions and rates; balancing chemical equations
Reproduction (REP)	Gene expression essentials
Cells (CEL)	Membrane channels
Weather (WEA)	Greenhouse effect
Body Systems (BOD)	Eating and exercise
Ecology (ECO)	pH scale: basics
Waves (WAV)	Waves intro; bending light; sound
Energy (ENE)	Energy skate park; energy forms and changes
Materials (MAT)	States of matter: basics; sugar and salt solutions, build a molecule
Solar System (SPA)	My solar system; gravity and orbits
Geological P. (GEO)	Plate tectonics
Biomedical (BIO)	Simplified MRI
E. Resources (RES)	Radioactive dating game
Force (FOR)	Force and motion: basics; collision lab
Fields (FIE)	Gravity force lab: basics; charges and fields