

Science + C

Science+C Units

Introductory Unit for all 3 Subjects

- Epidemic: Introduction to Modeling and Simulation

Here are the units for each subject area.

Note that teachers can choose how to sequence the units to best fit their courses.

Biology+C Units

- Simple Ecosystems: Energy Flow in an Ecosystem
- Experimenting with Photosynthesis
- Enzymes: Food Digestion
- Homeostasis: Food Digestion
- Natural Selection: Natural Selection in Moths
- Genetics: Phenotypes and Genotypes
- Ecosystems Dynamics: Balancing an Ecosystem

Note: Teachers can choose 6 of the 7 units to use.

Chemistry+C Units

- Matter: Physical Change of Salt in Water
- Atomic Structure: Rutherford's Gold Foil Experiment
- Chemical Reactions: Photosynthesis and Cellular Respiration
- Kinetics: Rate of Reactions
- Titration: Acid-Base Neutralization
- Redox: Electrolysis within a Battery

Physics+C Units

- Kinematics I: Car on a Ramp
- Kinematics II: Motion of a Ball
- Simple Harmonic Motion: Mass on a Spring
- Mechanical Waves: Sound through Different Media
- Electricity: Series Circuits
- Nuclear Physics: Rutherford's Gold Foil Experiment