

scope and sequence - secondary

Science	6	7	8	Bio	Chem	Phy
week 3	compare properties using the periodic table	compare properties using the periodic table	compare properties using the periodic table	cell structure and function, organism growth and cell differentiation	properties of matter, periodic table, atomic theory	laws of motion
week 4	investigate motion: inclined planes	investigate motion: organisms	investigate motion: newton's laws	mechanisms of genetics	chemical bonding, changes in chemical bonding: ionic bonds	natural forces in the physical world
week 5	solar system, plate tectonics	life in space, natural events	patterns of earth, plate tectonics	evolutionary theory, taxonomy of organisms	chemical bonding, changes in chemical bonding: covalent and metallic bonds	laws of conservations of energy and momentum
week 6	organisms and their environment, classification	organisms and their environment, cells and body systems	organisms and their environment, effects of environmental change	levels of biological systems, molecules	energy changes in chemical reactions	characteristics and behavior of waves
week 7	thinking like a scientist <i>force, motion, & energy</i>	thinking like a scientist <i>matter and energy</i>	thinking like a scientist <i>matter and energy</i>	organism behavior	behaviors of solutions	atomic, nuclear, and quantum phenomena
week 8	thinking like a scientist <i>earth and space</i>	thinking like a scientist <i>organisms and the environment</i>	thinking like a scientist <i>earth and space</i>	ecological succession, thinking like a biologist	principles of gases, nuclear chemistry, thinking like a chemist	thinking like a physicist