



**Scope & Sequence**  
**Level F**

## Level F (Grade 6)

Lesson	Category	Topic/Focus	Objective
1	Life Science	Seed Structure	To explore the structure and purpose of seeds
2	Life Science	Seed Dispersal	To explore how seeds are scattered around
3	Life Science	Chlorophyll	To explore the chemical responsible for photosynthesis
4	Life Science	Decomposition	To explore how organisms decompose after death
5	Life Science	Preservatives	To explore how preservatives affect decomposition
6	Life Science	Classification	To explore grouping objects by characteristics
7	Life Science	Camouflage	To explore how color affects survival of prey animals
8	Life Science	Eye Dominance	To explore brain function through eye dominance
9	Life Science	Eye Structure	To explore similarities between the eye and a camera
10	Physical Science (Forces)	Half Life	To explore how radioactive elements break down
11	Physical Science (Forces)	Cohesion	To explore how elements are held together
12	Physical Science (Forces)	Stress	To explore how stress affects materials
13	Physical Science (Forces)	Gravity	To explore how gravity affects objects
14	Physical Science (Forces)	Momentum	To explore how forces are transferred
15	Physical Science (Forces)	Torque	To explore center of gravity and torque
16	Physical Science (Forces)	Buoyancy	To explore why some objects float
17	Physical Science (Forces)	Compression	To explore compression and how force is transferred
18	Physical Science (Forces)	Machines	To explore how machines multiply force and change its direction
19	Earth Science	Air Pressure	To explore air pressure
20	Earth Science	Air Pressure	To explore changes in air pressure
21	Earth Science	Weather	To explore an important weather instrument
22	Earth Science	Geology	To explore properties of igneous rock
23	Earth Science	Chemical Weathering	To explore a unique form of erosion
24	Earth Science	Groundwater	To explore how water is filtered underground
25	Earth Science	Glaciers	To explore how glaciers are formed
26	Earth Science	Planets	To make a model of a planet
27	Earth Science	Earth Structure	To explore Earth's layers
28	Physical Science (Energy/Matter)	Light	To explore light waves and color
29	Physical Science (Energy/Matter)	Lenses	To explore how a lens bends light
30	Physical Science (Energy/Matter)	Sound	To explore how sound is made
31	Physical Science (Energy/Matter)	Magnetism	To explore magnets and magnetic fields
32	Physical Science (Energy/Matter)	Static Electricity	To explore some properties of electricity
33	Physical Science (Energy/Matter)	Thermodynamics	To explore a physical change
34	Physical Science (Energy/Matter)	Chemical Change	To explore a chemical change using a hand warmer
35	Physical Science (Energy/Matter)	Corrosion	To explore the speed of chemical reactions
36	Physical Science (Energy/Matter)	Indicators	To explore how indicators show changes