



**Scope & Sequence**  
**Level B**

## Level B (Grade 2)

Lesson	Category	Topic/Focus	Objective
1	Life Science	Plant Structure/Function	To explore how materials move through a plant's system
2	Life Science	Camouflage	To explore how colors and patterns relate to survival
3	Life Science	Classification	To explore how creatures are sorted by characteristics
4	Life Science	Pollination/Germination	To explore some stages in a plant's life cycle
5	Life Science	Seed Dispersal	To explore ways seeds are spread to help plants survive
6	Life Science	Life Cycles	To understand that all living things have life cycles
7	Life Science	Environments	To explore how creatures interact with their environment
8	Life Science	Adaptation	To explore how creatures adapt to their environment
9	Life Science	Structure/Function	To explore how creatures' structure relates to environment
10	Earth Science	Earth Materials	To explore the properties of rocks, soil, water, and air
11	Earth Science	Soil Properties 1	To explore the properties of color and texture in soil
12	Earth Science	Soil Properties 2	To explore the properties of porosity and nutrient values
13	Earth Science	Planets	To explore the properties of the eight major planets
14	Earth Science	Stars	To explore some of the basic properties of stars
15	Earth Science	Earth's Surface	To explore major changes in the Earth's surface
16	Earth Science	Weather 1	To explore wind speed and direction
17	Earth Science	Weather 2	To explore how rainfall and temperature affect climate
18	Earth Science	Weather 3	To explore extreme changes in weather
19	Physical Science	Recycling 1	To explore how recycling helps conserve resources
20	Physical Science	Recycling 2	To further understand the importance of recycling
21	Physical Science	Density	To explore the concept of density
22	Physical Science	Physical Properties	To explore the idea that objects have physical properties
23	Physical Science	Surface Tension	To explore the concept of surface tension
24	Physical Science	Changes in Matter	To explore how matter changes from one state to another
25	Physical Science	Newton's 1st Law	To explore the concept and meaning of inertia
26	Physical Science	Newton's 2nd Law	To explore the relationship of motion, mass, and force
27	Physical Science	Newton's 3rd Law	To explore the concept of action/reaction
28	Physical Science	Air Resistance	To explore how air resistance affects motion
29	Physical Science	Spatial Relationships	To explore the concepts of position and motion
30	Physical Science	Air Pressure	To explore the relationship of air pressure to motion
31	Physical Science	Light Absorption	To explore what happens when light is absorbed
32	Physical Science	Heat Production	To explore two primary ways that heat is produced
33	Physical Science	Heat Movement	To explore the movement of heat
34	Physical Science	Static Electricity	To explore how atoms relate to static electricity
35	Physical Science	Electricity	To explore the difference between open & closed circuits
36	Physical Science	Magnetism	To explore the push and pull of magnetic forces