



Science		
Grade Level	Unit	Approximate Weeks of Instruction
K	Unit 1: Forces and Interactions: Pushes & Pulls	12 Weeks
K	Unit 2: Interdependent Relationships in Ecosystems: Animals and Plants in their environment	12 Weeks
K	Unit 3: Weather and Climate	12 Weeks
1	Unit 1: Objects and Patterns in the Sky	12 Weeks
1	Unit 2: Sound/ Light	12 Weeks
1	Unit 3: Plant and Animals Structure	12 Weeks
2	Unit 1: Earth's Systems	12 Weeks
2	Unit 2: Structure and Properties of Matter	12 Weeks
2	Unit 3: Relationships of Ecosystems	12 Weeks
3	Unit 1 Climate and Weather	12 Weeks

Grade	Unit	Approximate Weeks of Instruction
3	Unit 2: Forces and Motion & Electrical and Magnetic Forces	12 Weeks
3	Unit 3: Traits, Organisms, and the Environment	8 Weeks
3	Unit 4: Continuing the Cycle	4 Weeks
4	Unit 1: From Molecules to Organisms: Structures and Processes	12 Weeks
4	Unit 2: Earth Systems, Earth and Human Activity and Earth's Place in the Universe	12 Weeks
4	Unit 3: Energy and Engineering Design	8 Weeks
4	Unit 4: Waves and their Application in Technologies for Information Transfer	4 Weeks
5	Unit 1: Matter and it's Interactions	8 Weeks
5	Unit 2: Matter and Energy in Organism and Ecosystems	10 Weeks
5	Unit 3: Earth's Systems	8 Weeks
5	Unit 4: Human Impact on the Earth	5 Weeks
5	Unit 5: Space Systems – Stars and the Solar System	5 Weeks
6	Unit 1: Geology on Mars	6 Weeks
6	Unit 2: Plate Motion	6 Weeks
6	Unit 3: Rock Formation	6 Weeks

Grade	Unit	Approximate Weeks of Instruction
6	Unit 4: Earth, Moon, Sun	4 Weeks
6	Unit 5: Ocean Atmosphere and Climate	4 Weeks
6	Unit 6: Weather Patterns	4 Weeks
6	Unit 7: Earth's Changing Climate	2 Weeks
6	Unit 8: Plate Motion Engineering Internship	2 Weeks
6	Unit 9: Earth's Changing Climate Engineering	2 Weeks
7	Unit 1: Microbiome	4 Weeks
7	Unit 2: Metabolism/Metabolism Engineering Internship	8 Weeks
7	Unit 3: Matter and Energy in Ecosystems	4 Weeks
7	Unit 4: Populations and Resources	4 Weeks
7	Unit 5: Traits and reproduction	4 Weeks
7	Unit 6: Natural Selection	6 Weeks
7	Unit 7: Evolutionary history	6 Weeks
8	Unit 1: Harnessing Human Energy	4 Weeks
8	Unit 2: Force and Motion/Force and Motion Engineering Internship	6 Weeks

Grade	Unit	Approximate Weeks of Instruction
8	Unit 3: Thermal Energy	6 Weeks
8	Unit 4: Phase Change	6 Weeks
8	Unit 5: Chemical Reactions	4 Weeks
8	Unit 6: Light Waves	6 Weeks
8	Unit 7: Magnetic Fields	4 Weeks