



1 st Quarter (44 Days)			
Resources: Lead4ward.com SNAPSHOT & VOCAB, Science Fusion (Pearson 2017), Brain Pop, Super Teacher Worksheet, Smart Exchange			
Week	Unit/Lesson	Learning Objectives	Reporting Categories (TEKS SEs)
Week 1	Unit 1: Work like a Scientist How Do We Use Inquiry Skills?	TSW learn that scientists ask questions about the world around them and how they find answers by investigating through many methods.	2.2a, 2.2b, 2.2c, 2.2d, 2.2e, 2.3a, 2.4a, 2.4b
Week 2	What Are Science Tools? What Tools Can We Use?	TSW learn that scientists investigate by following steps and using tools to answer a question	2.2a, 2.2b, 2.2d, 2.3a, 2.3b, 2.3c, 2.4a
Week 3	How do scientists think? How Do We Solve a Problem?	TSW learn that scientists investigate by following steps and using tools to answer a question	2.2a, 2.2b, 2.2d, 2.2e, 2.3a, 2.3c
Week 4	Unit 2: Technology and our world What is a Design Process? How Do We Use the Design Process?	TSW learn that information and critical thinking, scientific problem solving, and the contribution of scientists are used in making decisions.	2.2a, 2.2b, 2.2d, 2.2e, 2.3a, 2.3c
Week 5	What is Technology? How Can We Improve Technology?	TSW learn that information and critical thinking, scientific problem solving, and the contribution of scientists are used in making decisions.	2.2a, 2.2b, 2.2d, 2.2e, 2.2f, 2.5a, 2.5b
Week 6	Unit 3: Changes in Matter. What is Matter?	TSW understand that everything is Matter and be able to differentiate between solid, liquid, and gas.	2.2a, 2.2d, 2.2e, 2.2f, 2.5a, 2.5b, 2.5c, 2.5d
Week 7	How does matter change? How can water change state?	TSW understand that matter has different properties and that properties of matter can change. TSW compare changes in water caused by heating and cooling	2.2a, 2.2b, 2.2d, 2.2e, 2.2f, 2.5a
Week 8	Unit 4: Energy, Motion, and Magnets. What is Energy?	TSW learn that there are different forms of energy.	2.2a, 2.2b, 2.2d, 2.2e, 2.6a
Week 9	What are Forces?	1st Benchmark TSW learn that forces cause changes.	2.2a, 2.2b, 2.2d, 2.2e, 2.6c, 2.6d
Week 10	What are Magnets?	TSW observe and demonstrate that magnets can move objects without touching them.	2.2, 2.2b, 2.2d, 2.2e, 2.4a, 2.6b

2nd Quarter (43 Days)			
Resources: Lead4ward.com SNAPSHOT & VOCAB, Science Fusion (Pearson 2017), Brain Pop, Super Teacher Worksheet, Smart Exchange			
Week	Unit/Lesson	Learning Objectives	Reporting Categories (TEKS SEs)
Week 1	How strong is a magnet?	TSW recognize that a magnetic field passes only through certain materials	2.2a, 2.2b, 2.2d, 2.2e, 2.4a



2nd Quarter (43 Days)

Resources:

Lead4ward.com SNAPSHOT & VOCAB, Science Fusion (Pearson 2017), Brain Pop, Super Teacher Worksheet, Smart Exchange

Week	Unit/Lesson	Learning Objectives	Reporting Categories (TEKS SEs)
Week 2	Unit 5: Earth and its Resources. What are Rocks?	TSW recognize that Earth’s surface is made of rocks, explain that rocks are made of minerals. They will describe rocks by size, texture and color.	2.2a, 2.2b, 2.2d, 2.7a
Week 3	What are Sources of Water?	TSW compare and identify properties of natural resources of fresh water and salt water	2.7b
Week 4	What are Resources?	TSW distinguish between natural and man-made resources and identify ways people use natural resources.	2.1c, 2.7c
Week 5	How can we save resources?	TSW describe ways in which to help the environment and conserve resources.	2.1c
Week 6	Unit 6: All about Weather. How does weather change?	TSW recognize weather patterns and explain how living things adjust to them.	2.2a, 2.2b, 2.2d, 2.2e, 2.2f, 2.4a, 2.8a, 2.8c
Week 7	What Are Some Weather Patterns?	TSW recognize weather patterns and explain how living things adjust to them.	2.8a, 2.8c
Week 8	What is Evaporation?	2nd Benchmark TSW understand the process of the water cycle.	2.2a, 2.2b, 2.2c, 2.2d, 2.2e, 2.2f, 2.8c
Week 9	How do Seasons Affect Living Things?	TSW recognize weather patterns and explain how living things adjust to them.	2.8B, 2.9B

3rd Quarter (42 Days)

Resources:

Lead4ward.com SNAPSHOT & VOCAB, Science Fusion (Pearson 2017), Brain Pop, Super Teacher Worksheet, Smart Exchange

Week	Unit/Lesson	Learning Objectives	Reporting Categories (TEKS SEs)
Week 1	Unit 7: The Solar System.	TSW determine what objects make up the solar system.	2.8d
Week 2	What Causes Day and Night?	TSW understand how the earth’s movement affect seasons and day and night.	2.2a, 2.2b, 2.2d, 2.2e, 2.8d
Week 3	The Moon	TSW identify phases of the moon	2.2a, 2.2b, 2.2d, 2.2e, 2.8d
Week 4	Unit 8: Animals and Plants Needs What are Animal Needs?	TSW observe, record, and compare how the physical characteristics and behaviors of animals help them meet their basic needs..	2.9 a, 2.10a 2.10b
Week 5	What are Plant Needs?	TSW explain that a living thing must meet its basic needs in order to survive	2.9a, 2.10b



3rd Quarter (42 Days)			
Resources: Lead4ward.com SNAPSHOT & VOCAB, Science Fusion (Pearson 2017), Brain Pop, Super Teacher Worksheet, Smart Exchange			
Week	Unit/Lesson	Learning Objectives	Reporting Categories (TEKS SEs)
Week 6	What Do Plants Need to Grow?	TSW understand how plants grow	2.2a, 2.2b, 2.2d, 2.2e, 2.10a
Week 7	Unit 9: Environments for Living Things How Do Plants and Animals Need One Another?	TSW understand how living organisms are interdependent with their living and non-living surroundings.	2.9c
Week 8	How Are Living Things Adapted to Their Environments?	3rd Benchmark TSW observe how the physical characteristics of plants help them meet their basic needs	2.9b, 2.10a, 2.10b
Week 9	Can Plants Survive in Different Environments?	TSW demonstrate that plants live where their needs are met.	2.2a, 2.2b, 2.2c, 2.2d, 2.2e, 2.2f, 2.10b

4th Quarter (46 Days)			
Resources: Lead4ward.com SNAPSHOT & VOCAB, Science Fusion (Pearson 2017), Brain Pop, Super Teacher Worksheet, Smart Exchange			
Week	Unit/Lesson	Learning Objectives	Reporting Categories (TEKS SEs)
Week 1	Unit 10: Animal and Plant Characteristics What Are Some Kinds of Animals?	TSW know that the structural characteristics of animals are used to group them.	2.10a
Week 2	How Do Body Coverings Help Animals?	TSW observe how some physical characteristics of animals help them stay warm.	2.2a, 2.2b, 2.2d, 2.2e, 2.10a
Week 3	How Can We Compare Animal Life Cycles?	TSW be able to differentiate between animals that look like their offspring and those who don't.	2.10c
Week 4	What Are Some Plant Parts?	TSW identify the main parts of plants and describe their physical characteristics	2.10b
Week 5	Review for IOWA	IOWA/ ITBS Complete Battery KG-2	Review
Week 6	What Are Some Plant Life Cycles?	TSW explain that many plants begin life as a seed.	2.10b
Week 7	How Does A Bean Plant Grow?	TSW understand how plants grow.	2.2a, 2.2b, 2.2d, 2.2e, 2.4b, 2.10b
Week 8	Final Project	Final 4th Benchmark TSW work on and submit their final project	Review



4th Quarter (46 Days)

Resources:

Lead4ward.com SNAPSHOT & VOCAB, Science Fusion (Pearson 2017), Brain Pop, Super Teacher Worksheet, Smart Exchange

Week	Unit/Lesson		Reporting Categories (TEKS SEs)
Week 9	Review and assessment	Review and assessment	Review
Week 10	Review and assessment	Review and assessment	Review