

Gateways to Science STAAR® Edition for Kindergarten

Unit Outline

Unit 1: Physical Science, Part 1

Approximate Teaching Time: 4–5 weeks

Lesson	Learning Goal	TEKS	
		Content	Process
1.1 Safety	Practice safety in and out of the classroom.		K.1A–B
1.2 Using Your Senses	Use your senses to learn about physical properties.	K.5A	K.2A K.4A K.4B
1.3 Science Tools	Explore physical properties using science tools, including magnets.	K.5A K.6B	K.2C K.3C K.4A

Unit 2: Physical Science, Part 2

Approximate Teaching Time: 3–4 weeks

Lesson	Learning Goal	TEKS	
		Content	Process
2.1 Investigating Properties	Explore color, texture, and sound using your senses.	K.5A K.6A	K.2C–E K.4B
2.2 How Things Move and Where They Go	Observe and describe how things move and where they go.	K.6C–D	K.2B,D
2.3 Size, Mass, and Changes in Temperature	Observe size, mass, and how things can be changed by heating or cooling.	K.5A–B K.6A	K.3B

Unit 3: Earth Science, Part 1

Approximate Teaching Time: 3–4 weeks

Lesson	Learning Goal	TEKS	
		Content	Process
3.1 Day and Night	Identify and describe patterns and objects in the day and night sky.	K.8B–C	
3.2 Weather	Observe and describe objects in the sky and the weather.	K.8A,C	K.2D K.3B K.4A
3.3 Seasons	Observe and describe the repeating patterns of the seasons.	K.8A–B	K.3B

Note: Process skills are embedded in each lesson but are only listed for lessons in which they are emphasized.

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Unit 4: Earth Science, Part 2

Approximate Teaching Time: 3 weeks

Lesson	Learning Goal	TEKS	
		Content	Process
4.1 Water	Explore natural sources of water and how water is used.	K.7B–C	K.1C K.3A
4.2 Rocks	Observe, describe, and sort rocks.	K.7A, C	K.4B

Unit 5: Life Science, Part 1

Approximate Teaching Time: 3 weeks

Lesson	Learning Goal	TEKS	
		Content	Process
5.1 Plant Parts	Identify the parts and physical characteristics of plants.	K.9A K.10A–C	K.3B K.4B
5.2 Plant Needs	Explore plants and observe a plant life cycle.	K.9A–B K.10B, D	K.2A

Unit 6: Life Science, Part 2

Approximate Teaching Time: 2–3 weeks

Lesson	Learning Goal	TEKS	
		Content	Process
6.1 Animals	Explore the needs and physical characteristics of animals.	K.9A–B K.10A–B	
6.2 Don't Be a Litterbug!	Explore the problems created by littering and identify a solution.		K.1A–C K.3A