

Gateways to Science for Grade 5

Texas Essential Knowledge and Skills (TEKS) Correlations

Gateways to Science		TEKS		2010 TEKS	
Unit	Lesson	Process	Content	Process	Content
Introduction to Gateways for Grade 5	0.1 Safety	5.1A		5.1A 5.2F 5.4B	
	0.2 The Importance of Science	5.3D 5.3E		5.2F 5.3D	
Gateways to Science		TEKS		2010 TEKS	
Unit	Lesson	Process	Content	Process	Content
Understanding Physical Science, Part 1	1.1 Classifying Matter	5.1A 5.2A 5.2B 5.4A	5.7A	5.1A 5.2A 5.2B 5.2C 5.2F 5.4A 5.4B	5.5A
	1.2 Measuring Length	5.1A 5.2A 5.2B 5.4A	5.7A	5.1A 5.2A 5.2B 5.2C 5.2F 5.4A 5.4B	5.5A
	1.3 Measuring Mass	5.1A 5.2A 5.2B 5.4A	5.7A	5.1A 5.2A 5.2B 5.2C 5.2F 5.4A 5.4B	5.5A
	1.4. States of Matter	5.1A 5.2A 5.2B 5.4A	5.7A	5.1A 5.2A 5.2B 5.2C 5.2F 5.4A 5.4B	5.5A

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	1.5 Volume 1	5.1A 5.2A 5.2B 5.4A	5.7A	5.1A 5.2A 5.2B 5.2C 5.2F 5.4A 5.4B	5.5A
	1.6 Volume 2	5.1A 5.2A 5.2B 5.2D 5.4A	5.7A	5.1A 5.2A 5.2B 5.2C 5.2D 5.2F 5.4A 5.4B	5.5A
	1.7 Boiling Points and Melting Points	5.1A 5.2A 5.2B 5.4A	5.7A 5.7D	5.1A 5.2A 5.2B 5.2C 5.2D 5.2F 5.4A 5.4B	5.5A 5.5B
	1.8 Mixtures and Solutions	5.1A 5.1B 5.2A 5.2B 5.4A	5.7A 5.7B 5.7C 5.11A	5.1A 5.2A 5.2C 5.2D 5.2F 5.4A 5.4B	5.5A 5.5C 5.5D
	1.9 Density	5.1A 5.2A 5.2B 5.4A	5.7A	5.1A 5.2A 5.2B 5.2C 5.2D 5.2F 5.4A 5.4B	5.5A

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Understanding Physical Science, Part 2	2.1 Solar Energy	5.1A 5.2A 5.2B 5.2C 5.2D 5.4A	5.7A 5.8A 5.8B	5.1A 5.2A 5.2B 5.2D 5.2F 5.4A 5.4B	5.5A 5.6A 5.6C
	2.2 Heat Energy	5.1A 5.2A 5.2B 5.2C 5.2D 5.4A	5.7A 5.8A	5.1A 5.2A 5.2B 5.2D 5.2F 5.4A 5.4B	5.5A 5.6A
	2.3 Light Energy I	5.1A 5.2A 5.2B 5.2C 5.2D 5.4A	5.5B 5.7A 5.8A 5.8B	5.1A 5.2A 5.2B 5.2D 5.2F 5.4A 5.4B	5.5A 5.6A 5.5C
	2.4 Light Energy II	5.1A 5.2A 5.2B 5.2C 5.2D 5.4A	5.5B 5.7A 5.8A 5.8B	5.1A 5.2A 5.2B 5.2D 5.2F 5.4A 5.4B	5.5A 5.6A 5.5C
	2.5 Sound Energy	5.1A 5.2A 5.2B 5.2E 5.4A	5.7A 5.8C 5.8D	5.1A 5.2A 5.2B 5.2D 5.2F 5.2G 5.4A 5.4B	5.6A

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	2.6 Electrical Energy	5.1A 5.2A 5.2B 5.4A 5.5A 5.5B	5.5B 5.7A 5.8A 5.8C	5.1A 5.2A 5.2D 5.2F 5.4A 5.4B	5.5A 5.6A 5.6B
ADD	Design an experiment that tests the effect of force on an object				5.6D
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Unit	Lesson	Process	Content	Process	Content
Understanding Earth Science, Part 1	3.1 The Sun	5.1A 5.2A 5.2B 5.2C 5.2E 5.3C 5.4A	5.6A 5.8A 5.12D	5.1A 5.2A 5.2D 5.2F 5.4A 5.4B	5.8D
	3.2 The Moon	5.1A 5.2A 5.2B 5.2C 5.2D 5.2E 5.3C 5.4A 5.4B	5.6A 5.8B 5.12C 5.12D	5.1A 5.2A 5.2C 5.2D 5.2F 5.2G 5.3B 5.4A 5.4B	5.8D
	3.3 Gravity	5.2B 5.2C 5.3A 5.3C	5.12C	5.1A 5.2B 5.2F 5.3A	5.8D
	3.4 The System of the Moon, Earth, and the Sun	5.1A 5.2A 5.2B 5.2C 5.2D 5.2E 5.3C	5.5B 5.6A 5.12C 5.12D	5.1A 5.2B 5.2C 5.2D 5.2F 5.2G 5.3A	5.8C 5.8D

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		5.4A			
	3.5 Space Travel	5.1A 5.2A 5.2B 5.2C 5.2D 5.2E 5.3C 5.3D 5.3E 5.4A 5.4B	5.12C 5.12D	5.1A 5.2A 5.2B 5.2C 5.2D 5.2E 5.2F 5.2G 5.3D	
	3.6 The Solar System	5.1A 5.2A 5.2B 5.2C 5.2E 5.3C 5.4A	5.5A 5.5B 5.12D	5.2D 5.2F 5.2G 5.3D	5.8D
ADD	Use of spring scales to measure weight (force of gravity) on an object				5.4A
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Unit	Lesson	Process	Content	Process	Content
Understanding Earth Science, Part 2	4.1 The Water Cycle	5.1A 5.1B 5.2C 5.2D 5.3C	5.5A 5.5B 5.6B	5.1A 5.1B 5.2D 5.2F	5.8B
	4.2 The Forces of Wind and Water	5.1A 5.1B 5.2C 5.2D 5.3C 5.4A	5.11A 5.11B 5.11C 5.12A	5.1A 5.2A 5.2C 5.2D 5.2F 5.2G	5.7A 5.7B 5.7D
	4.3 Constructive	5.1A	5.11A	5.1A	5.7B

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	and Destructive Forces of Nature	5.1B 5.2C 5.2D 5.3C 5.4A	5.11B 5.11C 5.12A	5.2A 5.2C 5.2D 5.2F 5.2G	
	4.4 Nonrenewable and Renewable Resources	5.1A 5.1B 5.2C 5.2D 5.3C 5.4A	5.11A 5.11B 5.11C 5.12B	5.1B 5.2C 5.2D 5.2F 5.2G	5.7A
	4.5 Inexhaustible Natural Resources	5.1A 5.1B 5.2C 5.2D 5.2E 5.3C 5.4A	5.8A 5.11A 5.11B 5.11C	5.1B 5.2C 5.2D 5.2F 5.2G	5.7C
ADD	Differentiate between weather and climate				5.8A
ADD	Identify alternative energy resources such as wind, solar, hydroelectric, geothermal, and biofuels				5.7C
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Gateways to Science		TEKS		2010 TEKS	
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Understanding Living Systems, Part 1	5.1 Ecosystems	5.1A 5.1B 5.3C 5.4A	5.5A 5.5B 5.9A 5.9B 5.9C	5.1B 5.2C 5.2D 5.2F 5.2G	5.9A 5.9B
	5.2 Animal Adaptations, Part 1	5.1A 5.1B 5.2B 5.2C 5.2E	5.9A 5.9B 5.9C 5.11A	5.1B 5.2C 5.2D 5.2F 5.2G	5.10A

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		5.4A			
	5.3 Animal Adaptations, Part 2	5.1A 5.1B 5.2B 5.2C 5.2D 5.2E	5.9A 5.9B 5.9C	5.1B 5.2C 5.2D 5.2F 5.2G	5.10A
	5.4 Plant Adaptations	5.1A 5.1B 5.2B 5.2C 5.2D 5.2E 5.4A	5.9A 5.9B 5.11A	5.1B 5.2C 5.2D 5.2F 5.2G	5.10A
	5.5 Inherited Traits and Learned Characteristics	5.2B 5.2C 5.2D	5.10A 5.10B	5.2C 5.2D 5.2F 5.2G	5.10B
Gateways to Science		TEKS		2010 TEKS	
Unit	Lesson	Process	Content	Process	Content
Understanding Life Science, Part 2	6.1 Life Cycle of an Animal	5.2B 5.2C 5.4A	5.5A 5.5B 5.6C 5.11A	5.1A 5.1B 5.2C 5.2D 5.2F 5.2G	5.9A 5.9B 5.10C
	6.2 Life Cycle of a Plant	5.2B 5.2C 5.4A 5.6C	5.5A 5.5B 5.6C 5.11A	5.1A 5.1B 5.2C 5.2D 5.2F 5.2G	5.9A 5.9B
	6.3 Cycles in Nature	5.2B 5.2C 5.2E	5.5A 5.5B 5.6B	5.1A 5.1B 5.2C 5.2D 5.2F	5.9A 5.9D