

5th Grade Science TEKS Correlation		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36			
5.1	conduct investigations/follow safety procedures																																							
1A	Safe practices	✓										✓														✓														
1B	Recycling materials								✓																												✓	✓		
5.2	Scientific practices																																							
2A	Experiment/1 variable	✓		✓														✓	✓							✓														
2B	Formulate hypothesis	✓		✓														✓	✓	✓								✓												
2C	Collect and record	✓																✓	✓								✓	✓												
2D	Interpret info			✓								✓					✓	✓	✓	✓									✓	✓	✓	✓								
2E	Repeat for reliability			✓														✓																						
2F	Communicate conclusions			✓															✓																	✓	✓		✓	
2G	Graphs, tables, maps			✓									✓							✓								✓							✓	✓	✓		✓	
5.3	Critical thinking/scientific problem solving to make decisions																																							
3A	Use scientific evidence																	✓																				✓	✓	
3B	Model work of unseen		MM						✓	✓	✓	✓		✓						✓		✓																✓	✓	
3C	History of science		✓	✓											✓					✓																				
5.4	Use a variety of tools and methods																																							
4A	Get information using tools	✓							✓	✓								✓		✓							✓	✓												
5.5	Matter/Energy: matter has measurable properties that determine how it is classified, changed and used																																							
5A	Classify matter																			✓		✓	✓	✓	✓	✓	✓	✓	✓	✓									✓	
5B	Demo mixture, physical properties																																							
5C	Changes in physical properties	✓																																						
5.6	Force/Motion/Energy: energy occurs in many forms and can be observed in cycles, patterns, and systems																																							
6A	Uses of energy	✓	✓																																				✓	✓
6B	Electrical circuits																																						✓	
6C	Light - reflect, refract																																							
6D	Effect of force on object		MM																																					
5.7	Earth/Space: Earth's surface is constantly changing and consists of useful resources																																						MM	

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7A	Sedimentary rocks																													✓	✓										
7B	Landforms																														✓	✓	✓								
5.8	Earth/Space: there are recognizable patterns in the natural world																																								
8A	Weather/climate											✓																									✓		✓		
8B	Water cycle - sun and ocean																																						✓		
8C	Earth rotation	✓		✓																															✓					✓	
8D	Identify/compare physical characteristics of Sun, Earth, Moon		✓																																✓						
5.9	Organisms/Environments: relationships, systems, and cycles																																								
9A	Ecosystems					✓	✓	✓	✓	✓	✓	✓					✓																								
9B	Flow of energy within food web					✓	✓	✓	✓	✓																														✓	
9C	Changes in ecosystems									✓	✓	✓					✓																								
9D	Carbon/oxygen cycle effect																✓																							✓	
5.10	Organisms/Environments: organisms have structures and functions that help with survival																																								
10A	compare species			✓	✓								✓																												
10B	inherit traits/behavior			✓	✓																																				

### 3rd and 4th Grade Spiraled TEKS

#### Unit 2

4.3 B- represent the natural world using models; identify limitations including accuracy and size.

4.6D- design a descriptive investigation to explore for on an object

#### Unit 3

3.8C- construct models that demonstrate the relationship of the Sun, Earth and Moon, including orbits and positions

3.8D- identify the planets in the Earth's solar system and their position in relation to the sun

#### Unit 4

4.10B- explore and describe traits that are inherited from parents to offspring

#### Unit 6

4.9A- investigate that producers need sunlight, water, and carbon dioxide

#### Unit 7, 8, 10

3.9 B- identify and describe the flow of energy in a food chain and predict how changes in a food chain affect the ecosystem such as removal of frogs from a pond or bees from a field

#### Unit 14

3.10C- explore how structures and functions of plants and animals allow them to survive

4.10C- explore, illustrate, and compare life cycles in living organisms

#### Unit 15

4.10C- explore, illustrate, and compare life cycles in living organisms

#### Unit 20

4.6B- differentiate between conductors and insulators of thermal and electrical energy

#### Unit 32

3.8C- construct models that demonstrate the relationship of the Sun, Earth and Moon, including orbits and position

3.8D- observe, measure, and compare day-to-day weather changes in different locations at the same time

#### Unit 34

4.7C- identify and classify Earth's renewable resources, including air, plants, water, and animals; and nonrenewable resources, including coal, oil, and natural gas; and the importance of conservation

#### Unit 35

4.8B- describe and illustrate the continuous movement of water above and on the Earth's surface through the water cycle and explain the role of the Sun as a major source of energy