

## 5<sup>th</sup> Grade Science TEKS Placemat 2005 - 2006

1 <sup>st</sup> Six Weeks Earth Science	2 <sup>nd</sup> Six Weeks Earth Science	3 <sup>rd</sup> Six Weeks Earth/Physical Science	4 <sup>th</sup> Six Weeks Physical Science	5 <sup>th</sup> Six Weeks Life Science	6 <sup>th</sup> Six Weeks Life Science
<p><b>Unit I – Weather &amp; Climate</b> TEKS: 5.5 (A) Simple Systems (B) Interactions of Simple Systems 5.6 (A) Seasonal Cycles (B) Water Cycle</p> <p><b>Unit II – Changes to Earth’s Surface</b> TEKS: 5.12 (A) Land Forms Constructive and Destructive Forces</p>	<p><b>Unit II – Changes to Earth’s Surface</b> TEKS: 5.11 (A) Erosion and Weathering (B) Earth Layers and Rock Cycles</p> <p><b>Unit III – Natural Resources</b> TEKS: 5.11 (C) Renewable/ Non- Renewable &amp; Inexhaustible Resources  5.12 (B) Formation of Coal/Gas</p>	<p><b>Unit IV Solar Systems</b> TEKS: 5.5 (A) Simple Systems (B) Interactions of Simple Systems 5.6 (A) Daily/Weekly Lunar Cycles 5.12 (C) Compare Earth/ Moon &amp; Sun (D) Gravity/Orbit</p> <p><b>Unit V – Matter</b> TEKS: 5.7 (A) Physical Properties (B) Mixtures (C) Solutions (D) Melting and Boiling points</p>	<p><b>Unit VI – Electricity &amp; Magnetism</b> TEKS: 5.8 (A) Electricity as an Energy Form (C) Circuits and Magnetic Effects</p> <p><b>Unit VII – Light &amp; Sound</b> TEKS: 5.8 (A) Light as an Energy Form (B) Light Reflection &amp; Refraction (D) Vibration (Sound)</p> <p><b>Unit VIII – Force &amp; Motion</b> TEKS: 5.5 (A) Simple Systems (B) Interactions of Simple Systems 5.8 (A) Energy Forms 5.12 (D) Gravitational Force</p>	<p><b>Unit IX – Plants</b> TEKS: 5.5 (A) Simple Systems (B) Interactions of Simple Systems 5.6 (B) Carbon &amp; Nitrogen Cycles (C) Life Cycles</p> <p><b>Unit X – Animals</b> TEKS: 5.5 (A) Simple Systems (B) Interactions of Simple Systems 5.6 (C) Life Cycles, Reproduction, &amp; Regeneration</p>	<p><b>Unit XI – Habitats &amp; Ecosystems</b> TEKS: 5.5 (A) Simple Systems (B) Interactions of Simple Systems 5.9 (A) Adaptations (B) Unique Niche in Ecosystems (C) Survival in Ecosystems</p> <p><b>Unit XII – Heredity</b> TEKS: 5.10 (A) Inherited traits (B) Learned Characteristics</p>

On Going Skills Listed On Next Page

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\*NOTE: TEKS dealing with ongoing process skills are taught across the 5<sup>th</sup> grade science curriculum during each of the six weeks periods. These TEKS include:

- 5.1 (A) Safe Field Practices
- (B) Conservation/Recycling of Materials
  
- 5.2 (A) Plan & Implement Experiment
- (B) Observe/Measure
- (C) Analyze/Interpret
- (D) Valid Conclusions
- (E) Graphs/Charts
  
- 5.3 (A) Review Hypothesis
- (B) Inferences
- (C) Using Models
- (D) Research
- (E) Scientists (History)
  
- 5.4 (A) Science Tools: Calculators, compasses, microscopes, hot plates, goggles, cameras, balances, hand lenses, meter sticks, rulers, thermometers, and stop watches.
- (B) Reliable Results (Repeated Investigations)