

**Worth County Elementary School**  
**5th Grade Science Curriculum Map**  
**2021-2022**

<b>1<sup>st</sup> Nine Weeks</b> August 8 – October 7	<b>2<sup>nd</sup> Nine Weeks</b> October 13 – December 17	<b>3<sup>rd</sup> Nine Weeks</b> January 5 – March 10	<b>4<sup>th</sup> Nine Weeks</b> March 16 – May 31
<p style="text-align: center;"><b><u>Unit I</u></b> <i>(8 weeks)</i></p> <p style="text-align: center;"><b>Earth – Constructive and Destructive Processes</b></p> <ul style="list-style-type: none"> <li>➤ Geological Processes</li> <li>➤ Formation and/or destruction of landforms</li> </ul>	<p style="text-align: center;"><b><u>Unit II</u></b> <i>(4 weeks; continuation)</i></p> <p style="text-align: center;"><b>Dynamics of Classification</b></p> <ul style="list-style-type: none"> <li>➤ Grouping animals and plants by their internal and/or external structure</li> <li>➤ Inherited traits</li> <li>➤ Acquired traits</li> </ul>	<p style="text-align: center;"><b><u>Unit IV</u></b></p> <p style="text-align: center;"><b>Energy Transfer through Electricity and Magnetism</b> <i>(6 weeks)</i></p> <ul style="list-style-type: none"> <li>➤ Static electricity</li> <li>➤ Current electricity (human-harnessed)</li> <li>➤ Energy transfer</li> <li>➤ Simple electric circuit</li> <li>➤ Magnetic field and force</li> <li>➤ Release of stored energy</li> <li>➤ Insulators and conductors of electricity</li> </ul>	<p style="text-align: center;"><b><u>Unit V</u></b> <i>(2 weeks; continuation)</i></p> <p style="text-align: center;"><b>Physical and Chemical Changes</b></p> <ul style="list-style-type: none"> <li>➤ Phases/States of water are related to temperature changes</li> <li>➤ Energy transfer</li> </ul>
S5E1a,b,c	S5L1a, b; S5L2a, b	S5P2a, b, c; S5P3a, b	S5P1b, c
<p style="text-align: center;"><b><u>Unit II</u></b> <i>(1 week; partial)</i></p> <p style="text-align: center;"><b>Dynamics of Classification</b></p> <ul style="list-style-type: none"> <li>➤ Vertebrates</li> <li>➤ Invertebrates</li> </ul>	<p style="text-align: center;"><b><u>Unit III</u></b> <i>(5 weeks)</i></p> <p style="text-align: center;"><b>Cells and Microorganisms</b></p> <ul style="list-style-type: none"> <li>➤ Magnification tools are needed to observe very small things</li> <li>➤ Plant cell structure and function</li> <li>➤ Animal cell structure and function</li> </ul>	<p style="text-align: center;"><b><u>Unit V</u></b> <i>(3 weeks; partial)</i></p> <p style="text-align: center;"><b>Physical and Chemical Changes</b></p> <ul style="list-style-type: none"> <li>➤ Physical changes</li> <li>➤ Chemical changes</li> </ul>	<p style="text-align: center;"><b><u>Unit VI</u></b> <b>Show What You Know</b></p> <ul style="list-style-type: none"> <li>➤ Georgia Milestones Review</li> <li>➤ Test Taking Strategies</li> </ul> <p>*After Georgia Milestones, reinforce core skills taught during the school year to ensure readiness for next grade level.</p>
S5L1a	S5L3a, b, c; S5L4a, b	S5P1a, b	All 5 <sup>th</sup> Grade Science Standards