

# Science Syllabus

Year	<b>2018-2019</b>
Required Resources	<p><b><u>Textbook: Fusion</u></b></p> <p><u>Clever:</u> A launch pad for Think Central and Discovery Education</p> <ul style="list-style-type: none"><li>• Inquiry Charts</li><li>• Virtual Labs (available in English and Spanish)</li></ul> <p>STEMscopes Kit (WIN Classrooms)</p> <p><u>MackinVia:</u> A launch pad for Tumblebooks and Kids InfoBits</p>
Process Skills	<p>Analyze and Interpret Information</p> <p>Scientific Investigation and Reasoning</p> <p>Safety Procedures</p> <p>Scientific Practices in a Laboratory and Scientific Investigation</p> <p>Problem Solving</p> <p>How to Use Tools in Scientific Inquiry</p> <p>Record and Collect Data</p> <p>Draw or Develop a Model that Represents how something cannot be seen</p> <p>Classify Matter</p> <p>Physical States of Matter</p> <p>Closed Circuits</p> <p>Identifying Fossils</p> <p>Describe the Flow of Energy in a Food Web</p> <p>Describe Difference of Metamorphosis of Insects</p> <p>Examining Forces</p>



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<p>Syllabus 1<sup>st</sup> Semester</p>	<p><b>1<sup>st</sup> Nine Weeks</b></p> <p>Introduction: Processes for Scientific Investigation</p> <p>Unit 01: Investigating Physical Properties of Matter</p> <p>Unit 02: Investigating Forms of Energy</p> <p><b>2<sup>nd</sup> Nine Weeks</b></p> <p>Unit 02: Investigating Forms of Energy</p> <p>Unit 03: Investigating Forces</p> <p>Unit 04: Investigating Earth's Changes</p>
<p>Syllabus 2<sup>nd</sup> Semester</p>	<p><b>3<sup>rd</sup> Nine Weeks</b></p> <p>Unit 05: Investigating Patterns in the Natural World</p> <p>Unit 06: Investigating Sun, Earth, and Moon Systems</p> <p>Unit 07: Investigating Ecosystems Interaction</p> <p><b>4<sup>th</sup> Nine Weeks</b></p> <p>Unit 08: Investigating Structures and Behaviors of Organisms</p> <p>Unit 09: Investigating Fossils and Environments</p> <p>Unit 10: Designing Experimental Investigations</p>

