

## Arlington Community Schools 2016-2017

<b>Teacher:</b> George	<b>Week of:</b> August 29-September 2, 2015
<b>Subject:</b> 8 <sup>th</sup> Grade General Science	<b>Week 4 Quarter 1</b>

Monday	Tuesday	Wednesday	Thursday	Friday
<p><b>SPI/Check for Understanding:</b></p> <ul style="list-style-type: none"> <li>• <b>GLE 0807.Inq.2:</b> <i>Identify tools and techniques needed to gather, organize, analyze and interpret data collected from a moderately complex scientific investigation</i></li> <li>• <b>GLE 0807.Inq.3:</b> <i>Synthesize info to determine cause and effect relationships between evidence and explanations</i></li> </ul>	<p><b>SPI/Check for Understanding:</b></p> <ul style="list-style-type: none"> <li>• <b>GLE 0807.Inq.2:</b> <i>Identify tools and techniques needed to gather, organize, analyze and interpret data collected from a moderately complex scientific investigation</i></li> <li>• <b>GLE 0807.Inq.3:</b> <i>Synthesize info to determine cause and effect relationships between evidence and explanations</i></li> <li>• <b>SPI 0807.9.7</b> <i>Apply an equation to determine the density of an object based on its mass and volume.</i></li> </ul>	<p><b>SPI/Check for Understanding:</b></p> <ul style="list-style-type: none"> <li>• <b>GLE 0807.Inq.2:</b> <i>Identify tools and techniques needed to gather, organize, analyze and interpret data collected from a moderately complex scientific investigation</i></li> <li>• <b>GLE 0807.Inq.3:</b> <i>Synthesize info to determine cause and effect relationships between evidence and explanations</i></li> <li>• <b>SPI 0807.9.7</b> <i>Apply an equation to determine the density of an object based on its mass and volume.</i></li> </ul>	<p><b>SPI/Check for Understanding:</b></p> <ul style="list-style-type: none"> <li>• <b>GLE 0807.Inq.2:</b> <i>Identify tools and techniques needed to gather, organize, analyze and interpret data collected from a moderately complex scientific investigation</i></li> <li>• <b>GLE 0807.Inq.3:</b> <i>Synthesize info to determine cause and effect relationships between evidence and explanations</i></li> <li>• <b>SPI 0807.9.7</b> <i>Apply an equation to determine the density of an object based on its mass and volume.</i></li> </ul>	<p><b>SPI/Check for Understanding:</b></p> <ul style="list-style-type: none"> <li>• <b>GLE 0807.Inq.2:</b> <i>Identify tools and techniques needed to gather, organize, analyze and interpret data collected from a moderately complex scientific investigation</i></li> <li>• <b>SPI 0807.9.7</b> <i>Apply an equation to determine the density of an object based on its mass and volume.</i></li> </ul>
<p><b>Students will understand, know, be able to...</b></p> <ul style="list-style-type: none"> <li>• Collect and analyze data using appropriate methods</li> <li>• Identify the appropriate units used for particular measurements</li> </ul>	<p><b>Students will understand, know, be able to...</b></p> <ul style="list-style-type: none"> <li>• Identify lab equipment and their uses</li> <li>• Practice lab safety techniques</li> <li>• Explain the importance of the SI unit of measurement</li> <li>• Collect and analyze data using appropriate methods</li> </ul>	<p><b>Students will understand, know, be able to...</b></p> <ul style="list-style-type: none"> <li>• Identify the appropriate units used for particular measurements</li> <li>• Explain that matter has properties that are determined by the structure and arrangement of its atoms. Calculate the density of various objects</li> </ul>	<p><b>Students will understand, know, be able to...</b></p> <ul style="list-style-type: none"> <li>• Identify the appropriate units used for particular measurements</li> <li>• Explain that matter has properties that are determined by the structure and arrangement of its atoms.</li> <li>• Calculate the density of various objects</li> </ul>	<p><b>Students will understand, know, be able to...</b></p> <ul style="list-style-type: none"> <li>• Identify the appropriate units used for particular measurements</li> <li>• Explain that matter has properties that are determined by the structure and arrangement of its atoms.</li> <li>• Calculate the density of various objects</li> </ul>
<p><b>Learning Activities</b></p> <ul style="list-style-type: none"> <li>• Review for quiz on metric system on Tuesday</li> <li>• Notes on density</li> <li>• Power point density</li> </ul>	<p><b>Learning Activities</b></p> <ul style="list-style-type: none"> <li>• <b>Quiz : Metrics</b></li> <li>• Density column activity</li> <li>• Study guide for test</li> <li>• <b>Notebook check #1</b></li> </ul>	<p><b>Learning Activities</b></p> <ul style="list-style-type: none"> <li>• Science Literacy Project</li> <li>• Article #1</li> <li>• Pow-Tide/Summary</li> </ul>	<p><b>Learning Activities</b></p> <ul style="list-style-type: none"> <li>- Review for test</li> <li>-Density worksheet</li> </ul>	<p><b>Learning Activities</b></p> <ul style="list-style-type: none"> <li>- Test on sci method, metric system, lab safety, and density</li> <li>- Summary due</li> </ul>
<p><b>Assignments</b></p> <ul style="list-style-type: none"> <li>• Notes and practice problems on density</li> <li>• More prac problems</li> <li>• Study for quiz on metric system</li> </ul>	<p><b>Assignments</b></p> <ul style="list-style-type: none"> <li>• <b>Test on Friday</b></li> <li>- Study guide for test</li> </ul>	<p><b>Assignments</b></p> <ul style="list-style-type: none"> <li>• <b>Test on Friday</b></li> <li>• <b>Study guide for test</b></li> </ul>	<p><b>Assignments</b></p> <ul style="list-style-type: none"> <li>• <b>Test on Friday</b></li> <li>• Study guide for test</li> </ul>	<p><b>Assignments</b></p> <ul style="list-style-type: none"> <li>• <b>Make sure all missing work is turned in</b></li> </ul>