# Physical Science – Chemistry Unit

## Assignment Sheet Chapters 14 & 15

### Chapter 14: An Introduction to Matter (pages 436-465)

**I.** Screenscast Chapter 14 – An Intro to matter

<table>
<thead>
<tr>
<th>Worksheet</th>
<th>Description</th>
<th>Time</th>
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<tbody>
<tr>
<td>a.</td>
<td>Metrics &amp; Measurement (page 8)</td>
<td>5 min</td>
</tr>
<tr>
<td>b.</td>
<td>Unit Conversions &amp; Factor-Label Method (pg 9)</td>
<td>20 min</td>
</tr>
<tr>
<td>c.</td>
<td>Using Correct Units (page 10)</td>
<td>3 min</td>
</tr>
<tr>
<td>d.</td>
<td>How Long is It? (page 2)</td>
<td>2 min</td>
</tr>
<tr>
<td>e.</td>
<td>The Long &amp; Short of it (page 3)</td>
<td>2 min</td>
</tr>
<tr>
<td>f.</td>
<td>Celsius v Fahrenheit (page 4)</td>
<td>2 min</td>
</tr>
<tr>
<td>g.</td>
<td>Reading a Double Pan Balance (page 6)</td>
<td>5 min</td>
</tr>
<tr>
<td>h.</td>
<td>Reading a Triple Beam Balance (page 7)</td>
<td>5 min</td>
</tr>
<tr>
<td>i.</td>
<td>Reading a Graduated Cylinder (page 8)</td>
<td>5 min</td>
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**II.** Worksheets

<table>
<thead>
<tr>
<th>Worksheet</th>
<th>Description</th>
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<tbody>
<tr>
<td>a.</td>
<td>Chemical vs Physical Properties (page 38)</td>
<td>5 min</td>
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<td>b.</td>
<td>Chemical vs Physical Changes (page 9)</td>
<td>5 min</td>
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<td>c.</td>
<td>Physical vs. Chemical Changes pg 19</td>
<td>3 min</td>
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<tr>
<td>d.</td>
<td>Matter – Substance v Mixture pg 17</td>
<td>3 min</td>
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<tr>
<td>e.</td>
<td>Elements, Compounds and Mixtures (page 10)</td>
<td>5 min</td>
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<td>f.</td>
<td>Homogeneous vs Heterogeneous (page 36)</td>
<td>3 min</td>
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<td>g.</td>
<td>Separation of Mixtures (page 40)</td>
<td>30 min</td>
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**III.** Thanksgiving Break

**IV.** CHI thru Proverbs 12:18  G&L 1-75

**V.** Exam Chap 14

**VI.** Chapter 15: Changes in Matter (pages 456-497)

**II.** Screenscast Chapter 15 – Changes in Matter

<table>
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<th>Worksheet</th>
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<tr>
<td>a.</td>
<td>States of Matter Crossword (page 41)</td>
<td>15 min</td>
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<td>e.</td>
<td>Boyle’s Law (page 20)</td>
<td>20 min</td>
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<td>f.</td>
<td>Charles’s Law (page 21)</td>
<td>20 min</td>
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**VIII.** CHI thru James 1:4  G&L 1-100

**IX.** Exam Chap 15

**X.** Chapter 16: Elements and the Periodic Table (pages 498-533)

**XI.** Screenscast Chapter 16 Part 1– The Periodic Table

**XII.** Worksheets

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<tbody>
<tr>
<td>a.</td>
<td>“Need-to-Know” Elements</td>
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**XIII.** Screenscast Chapter 16 Part 2– The Periodic Table

**XIV.** Worksheets

<table>
<thead>
<tr>
<th>Worksheet</th>
<th>Description</th>
<th>Time</th>
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<tbody>
<tr>
<td>a.</td>
<td>“Need-to-Know” Elements</td>
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<tr>
<td>b.</td>
<td>Elements &amp; Their Symbols (pg 42)</td>
<td>5 min</td>
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Physics Unit

Chapter 1 is next!