

# 2011-2012 ACADEMIC YEAR

4<sup>th</sup> QUARTER, WEEK 1 (Mar 12-16) Mr. Lehman

DAY	1 <sup>st</sup> Period	2 <sup>nd</sup> Period	3 <sup>rd</sup> Period
	GEOLOGY	PHYSICS	BUSINESS MATH
Monday (3/12)	<p><b>Chapter 10 Atmospheric Water</b></p> <ul style="list-style-type: none"> <li>• <b>Lesson 1</b> <ul style="list-style-type: none"> <li>○ Objectives:                             <ul style="list-style-type: none"> <li>▪ Water Entering the Atmosphere</li> </ul> </li> </ul> </li> <li>• <b>Homework</b> <ul style="list-style-type: none"> <li>○ Sec 10A, 1-9 (U2C10A1)</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• <b>Lesson 63</b> <ul style="list-style-type: none"> <li>○ Objectives:                             <ul style="list-style-type: none"> <li>▪ Simple Harmonic Motion</li> <li>▪ Conservation of Angular Momentum</li> </ul> </li> </ul> </li> <li>• <b>Homework</b> (Pg 446) PS 63, 1-19 Odd, +2, +4 (Q3U1A63)</li> </ul>	<p>Chapter 10 – Banking</p> <ul style="list-style-type: none"> <li>• <b>Lesson 10.5</b> “Installment Plans” (Pg 295)                             <ul style="list-style-type: none"> <li>○ Objectives                                     <ul style="list-style-type: none"> <li>▪ Finding Actual Interest Rate</li> <li>▪ Multiplying by a Fraction</li> </ul> </li> </ul> </li> <li>• <b>Homework</b> (Pg 296-297)                             <ul style="list-style-type: none"> <li>○ Problems 1-19 Odd (Q4C10A5)</li> </ul> </li> </ul>
Tuesday (3/13)	<p><b>Chapter 10 Atmospheric Water</b></p> <ul style="list-style-type: none"> <li>• <b>Lesson 2</b> <ul style="list-style-type: none"> <li>○ Objectives:                             <ul style="list-style-type: none"> <li>▪ Water in the Atmosphere</li> </ul> </li> </ul> </li> <li>• <b>Homework</b> <ul style="list-style-type: none"> <li>○ Sec 10B, 1-9</li> <li>○ Application 10B (U2C10A2)</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• <b>Lesson 64</b> <ul style="list-style-type: none"> <li>○ Objectives:                             <ul style="list-style-type: none"> <li>▪ Banked Tracks</li> </ul> </li> </ul> </li> <li>• <b>Homework</b> (Pg 451) PS 64, 1-19 Odd, +2, +4 (Q3U1A64)</li> </ul>	<p>Chapter 10 – Banking</p> <ul style="list-style-type: none"> <li>• <b>Lesson 10.6</b> “Constant Ratio Formula” (Pg 298)                             <ul style="list-style-type: none"> <li>○ Objectives                                     <ul style="list-style-type: none"> <li>▪ Practice with Cancellation</li> </ul> </li> </ul> </li> <li>• <b>Homework</b> (Pg 299-300)                             <ul style="list-style-type: none"> <li>○ Problems 1-21 Odd (Q4C10A10.6)</li> </ul> </li> </ul>
Wednesday (3/14)	<p><b>Chapter 10 Atmospheric Water</b></p> <ul style="list-style-type: none"> <li>• <b>Lesson 3</b> <ul style="list-style-type: none"> <li>○ Objectives:                             <ul style="list-style-type: none"> <li>▪ Evaporation &amp; Condensation</li> </ul> </li> </ul> </li> <li>• <b>Homework</b> <ul style="list-style-type: none"> <li>○ Investigation 10D (U2C10A3)</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• <b>Lesson 65</b> <ul style="list-style-type: none"> <li>○ Objectives:                             <ul style="list-style-type: none"> <li>▪ Inertia Combinations</li> <li>▪ Pulleys with Mass</li> </ul> </li> </ul> </li> <li>• <b>Homework</b> (Pg 458) PS 65, 1-19 Odd, +2, +4, +12 (Q3U1A65)</li> </ul>	<p>Chapter 10 – Banking</p> <ul style="list-style-type: none"> <li>• <b>Lesson 10.7</b> “Credit Cards” (Pg 301)                             <ul style="list-style-type: none"> <li>○ Objectives                                     <ul style="list-style-type: none"> <li>▪ Using a Calculator</li> </ul> </li> </ul> </li> <li>• <b>Homework</b> (Pg 301)                             <ul style="list-style-type: none"> <li>○ Problems 1-20 Odd (Q4C10A10.7)</li> </ul> </li> </ul>
Thursday (3/15)	<p><b>Chapter 10 Atmospheric Water</b></p> <ul style="list-style-type: none"> <li>• <b>Lesson 4</b> <ul style="list-style-type: none"> <li>○ Objectives:                             <ul style="list-style-type: none"> <li>▪ Water Leaving the Atmosphere</li> </ul> </li> </ul> </li> <li>• <b>Homework</b> <ul style="list-style-type: none"> <li>○ Sec 10C, 1-9</li> <li>○ Application 10C (U2C10A4)</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• <b>Lesson 66</b> <ul style="list-style-type: none"> <li>○ Objectives:                             <ul style="list-style-type: none"> <li>▪ Work and Energy</li> <li>▪ Heat Transfer</li> <li>▪ 1<sup>st</sup> Law of Thermodynamics</li> </ul> </li> </ul> </li> <li>• <b>Homework</b> (Pg 468) PS 66, 1-19 Odd, +2, +4, +8 (Q3U1A66)</li> </ul>	<p>Chapter 10 – Banking</p> <ul style="list-style-type: none"> <li>• <b>Lesson 10.8</b> “Savings Account” (Pg 304)                             <ul style="list-style-type: none"> <li>○ Objectives                                     <ul style="list-style-type: none"> <li>▪ Fractions as Decimals</li> </ul> </li> </ul> </li> <li>• <b>Homework</b> (Pg 305)                             <ul style="list-style-type: none"> <li>○ Problems 1-14 Odd (Q4C10A10.8)</li> </ul> </li> </ul>
Friday (3/16)	<p><b>Chapter 10 Atmospheric Water</b></p> <ul style="list-style-type: none"> <li>• <b>Lesson 5</b> <ul style="list-style-type: none"> <li>○ Objectives:                             <ul style="list-style-type: none"> <li>▪ Chapter Review</li> </ul> </li> </ul> </li> <li>• <b>Homework</b> <ul style="list-style-type: none"> <li>○ Questions 1-18 (U2C10A5)</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• <b>Lesson 67</b> <ul style="list-style-type: none"> <li>○ Objectives:                             <ul style="list-style-type: none"> <li>▪ Prisms</li> <li>▪ Total Internal Reflection</li> </ul> </li> </ul> </li> <li>• <b>Homework</b> (Pg 474) PS 67, 1-19 Odd, +2, +4 (Q3U1A67)</li> </ul>	<p>Chapter 10 – Banking</p> <ul style="list-style-type: none"> <li>• <b>Lesson 10.9</b> “Compound Interest” (Pg 306-307)                             <ul style="list-style-type: none"> <li>○ Objectives                                     <ul style="list-style-type: none"> <li>▪ Raising a Base to a Power</li> </ul> </li> </ul> </li> <li>• <b>Homework</b> (Pg 308)                             <ul style="list-style-type: none"> <li>○ Problems 1-19 Odd</li> </ul> </li> </ul>

DAY	5 <sup>th</sup> Period	6 <sup>th</sup> Period
	PHSICAL SCIENCE	8 <sup>th</sup> SCIENCE
Monday (3/12)	<p><b>MATTER IN MOTION</b> <b>Chapter 1 “Forces &amp; Motion”</b></p> <ul style="list-style-type: none"> <li>• <b>Lesson 1</b> “Forces” (Pg 206-212) <ul style="list-style-type: none"> <li>○ Objectives <ul style="list-style-type: none"> <li>▪ Types of Forces</li> </ul> </li> </ul> </li> <li>• <b>Homework</b> (Pg 213) <ul style="list-style-type: none"> <li>○ <b>Vocabulary</b></li> <li>○ <b>BL 60</b></li> <li>○ <b>Review 1-4</b> (U4C1A1)</li> </ul> </li> </ul>	<p><b>Chapter 5 – <u>Atoms and Bonding</u></b></p> <ul style="list-style-type: none"> <li>• <b>Section 2</b> “Ionic Bonds” (Pg 158-163) <ul style="list-style-type: none"> <li>○ Objectives <ul style="list-style-type: none"> <li>▪ Ions &amp; Ionic Bonds</li> <li>▪ Chemical Formulas &amp; Names</li> <li>▪ Properties of Ionic Compounds</li> </ul> </li> </ul> </li> <li>• <b>Homework</b> <ul style="list-style-type: none"> <li>○ <b>Vocabulary</b> (U1C5S2A1)</li> </ul> </li> </ul>
Tuesday (3/13)	<p><b>MATTER IN MOTION</b> <b>Chapter 1 “Forces &amp; Motion”</b></p> <ul style="list-style-type: none"> <li>• <b>Lesson 2</b> “Motion” (Pg 214-218) <ul style="list-style-type: none"> <li>○ Objectives <ul style="list-style-type: none"> <li>▪ Velocity</li> <li>▪ Acceleration</li> </ul> </li> </ul> </li> <li>• <b>Homework</b> (Pg 218) <ul style="list-style-type: none"> <li>○ <b>Vocabulary</b></li> <li>○ <b>BL 61 &amp; 62</b></li> <li>○ <b>Review 1-4</b> (U4C1A2)</li> </ul> </li> </ul>	<p><b>Chapter 5 – <u>Atoms and Bonding</u></b></p> <ul style="list-style-type: none"> <li>• <b>Section 2</b> “Ionic Bonds” (Pg 163) <ul style="list-style-type: none"> <li>○ Objectives <ul style="list-style-type: none"> <li>▪ Section Review</li> </ul> </li> </ul> </li> <li>• <b>Homework</b> <ul style="list-style-type: none"> <li>○ <b>Questions 1-3</b> (U1C5S2A2)</li> </ul> </li> </ul>
Wednesday (3/14)	<p><b>MATTER IN MOTION</b> <b>Chapter 1 “Forces &amp; Motion”</b></p> <ul style="list-style-type: none"> <li>• <b>Lesson 3</b> “Newton’s 1<sup>st</sup> &amp; 2<sup>nd</sup> Laws of Motion”(Pg 219-224) <ul style="list-style-type: none"> <li>○ Objectives <ul style="list-style-type: none"> <li>▪ Newton’s 1<sup>st</sup> Law</li> <li>▪ Newton’s 2<sup>nd</sup> Law</li> <li>▪ Inertia</li> </ul> </li> </ul> </li> <li>• <b>Homework</b> (Pg 225) <ul style="list-style-type: none"> <li>○ <b>Vocabulary</b></li> <li>○ <b>BL 63</b></li> <li>○ <b>Review 1-4</b> (U4C1A3)</li> </ul> </li> </ul>	<p><b>Chapter 5 – <u>Atoms and Bonding</u></b></p> <ul style="list-style-type: none"> <li>• <b>Section 3</b> “Covalent Bonds” (Pg 166-171) <ul style="list-style-type: none"> <li>○ Objectives <ul style="list-style-type: none"> <li>▪ Covalent Bonds</li> <li>▪ Properties of Molecular Compounds</li> <li>▪ Unequal Sharing of Electrons</li> </ul> </li> </ul> </li> <li>• <b>Homework</b> <ul style="list-style-type: none"> <li>○ <b>Vocabulary</b> (U1C5S3A1)</li> </ul> </li> </ul>
Thursday (3/15)	<p><b>MATTER IN MOTION</b> <b>Chapter 4 “Forces &amp; Motion”</b></p> <ul style="list-style-type: none"> <li>• <b>Lesson 4</b> “Circular Motion” (Pg 226-228) <ul style="list-style-type: none"> <li>○ Objectives <ul style="list-style-type: none"> <li>▪ Centripetal Force</li> <li>▪ Angular Momentum</li> </ul> </li> </ul> </li> <li>• <b>Homework</b> (Pg 228) <ul style="list-style-type: none"> <li>○ <b>Vocabulary</b></li> <li>○ <b>Review 1-4</b> (U4C1A4)</li> </ul> </li> </ul>	<p><b>Chapter 5 – <u>Atoms and Bonding</u></b></p> <ul style="list-style-type: none"> <li>• <b>Section 3</b> “Covalent Bonds” (Pg 171) <ul style="list-style-type: none"> <li>○ Objectives <ul style="list-style-type: none"> <li>▪ Section Review</li> </ul> </li> </ul> </li> <li>• <b>Homework</b> <ul style="list-style-type: none"> <li>○ <b>Questions 1-3</b> (U1C5S3A2)</li> </ul> </li> </ul>
Friday (3/16)	<p><b>MATTER IN MOTION</b> <b>Chapter 1 “Forces &amp; Motion”</b></p> <ul style="list-style-type: none"> <li>• <b>Lesson 5</b> “Newton’s Third Law of Motion” (Pg 229-232) <ul style="list-style-type: none"> <li>○ Objectives <ul style="list-style-type: none"> <li>▪ Newton’s Third Law of Motion</li> <li>▪ Momentum</li> </ul> </li> </ul> </li> <li>• <b>Homework</b> (Pg 232)</li> </ul>	NO SCIENCE CLASS

	<ul style="list-style-type: none"><li>○ Vocabulary</li><li>○ Review 1-3 (U4C1A5)</li></ul>	
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