**General Science : Motion, Forces, & Energy Outline**

**Day** **Subject / Activity**

1 Measuring Motion

**LAB : Measuring Distance & Displacement /** *Practice Problems*

2 Acceleration

**LAB : Constant Force & Changing Mass /** *Practice Problems*

3 Motion & Force

**LAB : The Coefficient Of Friction /** *Practice Problems*

4 **Chapter Test / Video :**

Newton’s 1st & 2nd Laws

5 **LAB : Toothpick Bridges**

**LAB : Toothpick Bridges /** *Practice Problems*

6Gravity

**LAB : Are You A Good Aim? /** *Practice Problems*

7 Newton’s 3rd Law

**LAB : Designing An Egg-cellent Safety Device** or Conservation Of Momentum

8 **LAB : Designing An Egg-cellent Safety Device /** *Practice Problems*

**Chapter Test / Assign Project**

9 Work, Power, & Machines

**LAB : Comparing The Mechanical Advantage Of Levers /** *Practice Problems*

10 Simple Machines

**LAB : Comparing Pulleys /** *Practice Problems*

11 What Is Energy?

**LAB : How Much Work Can You Do?** / *Practice Problems*

12 Conservation Of Energy

**LAB : The Energy Of A Pendulum /** *Practice Problems*

13 **Chapter Test / Project Presentations**