Math 4 Honors

**Unit 6 Assignment Sheet**

**“Concepts of Calculus: The Derivative”**

**Lessons & Assignments Due Date**

Lesson 6-1: *Difference Quotients & Rates of Change*

HW: Day 1: Complete “Calculating ARoC” WS \_\_\_\_\_\_\_\_\_

Day 2: Complete “Difference Quotient” WS \_\_\_\_\_\_\_\_\_

Lesson 6-2: *The Derivative at a Point*

HW: Complete Worksheet \_\_\_\_\_\_\_\_\_

**Quiz #1** \_\_\_\_\_\_\_\_\_

Lesson 6-3: *The Derivative Function*

HW: Complete Worksheet \_\_\_\_\_\_\_\_\_

Lesson 6-4: *Acceleration & Deceleration*

HW: Day 1 Problems \_\_\_\_\_\_\_\_\_

Day 2 Problems \_\_\_\_\_\_\_\_\_

Lesson 6-5: *Using Derivatives to Analyze Graphs*

HW: Day 1 Problems \_\_\_\_\_\_\_\_\_

Day 2 Problems \_\_\_\_\_\_\_\_\_

**Quiz #2** \_\_\_\_\_\_\_\_\_

Lesson 6-6: *Optimization*

HW: Day 1 Problems \_\_\_\_\_\_\_\_\_

Day 2 Problems \_\_\_\_\_\_\_\_\_

Day 3 Problems \_\_\_\_\_\_\_\_\_

***Unit 6 Test***