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**Lesson Title:** Algebra

**Suggested Grade Level:**

8

**Estimated Lesson Time:**

30 minutes

**Student Prior Knowledge:**

Students should already know how to manually calculate and graph equations. They are able to draw graphs by hand and are able to navigate a scientific calculator.

**Standards:**

MA.912.A.2:  Operating a graphing calculator. Operate a graphing calculator and know the function keys and what they are used for.

**Goals:**

Students will operate, navigate, and evaluate graphing calculators to understand how to type an equation in the graphing calculator using what specific tools. Understanding how to operate a graphing calculator is important to make these mathematical problems easier and to perform operations much faster. When students are able to use these calculators it makes algebra much easier to understand.

**Learning Objectives or “I can statements”:**

I can show the importance of learning how to operate a graphing calculator to make algebraic equations much easier.
**Resources:**

**Procedures:**

1.  Students will be divided into equal groups to participate in a scavenger hunt that involves using the calculator to get clues. (20 mins)
2.  Students will work in groups to practice how to make graphs with their calculators. (10 mins)

**Assessment:** I will evaluate how quickly students identify these graphs just based in the equations.

**Extensions and Adaptations:** Don’t worry for 1st lesson plan

**Reflections:** N/A