

# UNIT 2 - LESSON PLANS

**Class** Algebra 1    **Topic** U4– Using Graphs to Relate Two Quantities    **Lesson** 1    **Of** 7

Students will:

**Objective**

- Be able to relate two quantities using graphs.
- Be able to graph the data in a table and relate the variables in the table using the data.

**“I Can” Statement**

I can relate two variables using the graphs.

**Common Core Standards**

[CCSS.MATH.CONTENT.HSF.IF.B.4](#)

For a function that models a relationship between two quantities, interpret key features of graphs and tables in terms of the quantities, and sketch graphs showing key features given a verbal description of the relationship. *Key features include: intercepts; intervals where the function is increasing, decreasing, positive, or negative; relative maximums and minimums; symmetries; end behavior; and periodicity.\**

**Bell Work**

See 4-1 Bell Work

**Procedures**

1. Start and lead student discussion related to the bell work.
2. Distribute the Guided Notes
3. Present lesson or play a video lesson.
4. Use an Online Activity if time permitted.
5. Distribute Lesson Assignment.

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**Assessment**

Bell Work 4-1

Assignment 4-1

Exit Quiz 4-1

**Additional Resources**

See Online Activities