

# UNIT 2 - LESSON PLANS

**Class** Algebra 1

**Topic** U4– Patterns and Linear Functions

**Lesson 2 Of 7**

## Objective

Students will:

- Be able to identify the patterns in shapes and relate their perimeters using graphs, data tables, ordered pairs and equations.
- Be able to understand the definition of functions and identify linear functions based on their graphs.

## “I Can” Statement

I can describe any relation using words, equation, ordered pairs, data table or a graph.

## 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 4-2 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 4-2

Assignment 4-2

Exit Quiz 4-2

**Additional Resources**

See Online Activities