

UNIT 2 - LESSON PLANS

Class Algebra 1

Topic U4– Patterns and Linear Functions

Lesson 2 **Of** 7

Students will:

Objective

- 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