

# UNIT 8 - LESSON PLANS

**Class** Math 5

**Topic** Patterns on the Coordinate Plane

**Lesson** 2 of 4

## Objective

Students will:

- Learn how to locate and plot ordered pairs on coordinate systems.
- Plot number rules on the coordinate plane.
- Observe patterns on coordinate planes.
- Determine the value of ordered pairs using the given number rule.

## "I Can" Statement

Learn how to locate and plot ordered pairs on coordinate systems.  
Plot number rules on the coordinate plane.  
Observe patterns on coordinate planes.  
Determine the value of ordered pairs using the given number rule.

## Common Core Standards

[CCSS.MATH.CONTENT.5.OA.B.3](#)

Generate two numerical patterns using two given rules. Identify apparent relationships between corresponding terms. Form ordered pairs consisting of corresponding terms from the two patterns, and graph the ordered pairs on a coordinate plane. *For example, given the rule "Add 3" and the starting number 0, and given the rule "Add 6" and the starting number 0, generate terms in the resulting sequences, and observe that the terms in one sequence are twice the corresponding terms in the other sequence. Explain informally why this is so.*

## Bell Work

See Bell Work 8-1

## 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.

## Assessment

Bell Work 8-2  
Assignment 8-2  
Exit Quiz 8-2

## Additional Resources

See Online Activities

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