### LESSON PLAN

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<td>* Enrichment Objectives</td>
<td>1. Have a line graph on the board with different points marked.</td>
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<td>**Remedial Objectives</td>
<td>2. Have students share what they know about line graphs and bar graphs.</td>
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<td>Ind. #</td>
<td>3. Refer to the graph on the board and have them to read each point that is marked.</td>
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<td>4. Tell students that their past work with graphs will help them understand how to locate points on a grid with ordered pairs.</td>
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<td>5. Tell students by the end of the day they will be able to label ordered pairs.</td>
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Given a graph, the student will label 15 ordered pairs with no errors. *(Understand)*

### I. Main Ideas/Conceptual Understandings/Goals:

- to understand how to label ordered pairs.

### A. Introduction/Motivation

1. Explain that the two lines that define a coordinate grid are called axes.
   - One line is called an axis.
   - There is an X axis and a Y axis.
2. Explain that the X axis runs from left to right or horizontally and the Y axis runs from top to bottom or vertically.
   - Draw this on the board.
3. Tell students an ordered pair is a set of numbers that locate a point.
   - The number on the left represents the X and the number on the right represents the Y.
   - Show students an example on the board.
4. Tell students that each point on the grid can be matched with an ordered pair.
   - The first number shows how far right to go from 0.
   - The second number shows how far up to go from 0.
   - Show students example on the board.
### LESSON PLAN

**II. Specific Objectives**

<table>
<thead>
<tr>
<th>Ind. #</th>
<th>III. Procedure A. Introduction/Motivation B. Study/Learning Activities C. Culmination D. Follow-up (Include directional statements for evaluation and any enrichment or individual activities)</th>
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</table>
|        | 5. Tell the students if you are given an ordered pair for a point, you can plot the point on a grid.  
- To plot the ordered pair (7,10) on a grid you would start at 0. Move seven units to the right and ten units up.  
- Draw a dot and label the point (7, 10). (Work this on the board).  
6. **(Guided Practice)** Put a blank grid on the overhead.  
- Give each student a chance to come to the overhead and label a point when given the ordered pair.  
7. **(Independent Practice)** Give students a sheet with ordered pairs and a blank grid on it.  
- Explain to students that the ordered pairs will create a healthy food product. **(Health)**  
- The students should mark the ordered pairs and connect these dots to create the food and color it in. **(Art)**  
- Review the result.  
|        | C. Culmination  
1. Divide the class into 2 teams.  
2. Have one person from each team go to the board where a graph will be on a poster for both sides.  
3. Call out an ordered pair and the first team to correctly label it receives a point.  
- Play this game until the first team gets to 15.  
|        | D. Follow-up  
1. Tell students to clear their desks.  
2. Tell students when they finish the assignment to begin on their reading.  
3. Give the students a worksheet and explain:  
- There are 2 graphs and on the top graph they will plot the given ordered pairs. On the bottom half they will label the ordered pairs. |

**IV. Materials/Resources**

- Graph posters

**V. Evaluation related to objectives**

- Grade students’ answers according to the answer key checking for no more than 2 errors.