

## Lesson Plan

Teacher Bridgette Scott

Subject Math

Grade 6th

### I. Learning Goals

North Carolina Standard Course of Studies:

**COMPETENCY GOAL 3: The learner will understand and use properties and relationships of geometric figures in the coordinate plane.**

Essential Question: How do you use a coordinate plane?

Objective: **3.01** Identify and describe the intersection of figures in a plane.

What will your students know and be able to do at the end of this lesson?

Students will be able to identify where objects are located on the coordinate plane.

Students will be able to identify coordinate planes and the quadrants. Students will be able to describe where a figure is sitting on the plane. Ex. (X,Y)

### II. Student Background Knowledge and Experience

What prior knowledge and skills do students need in order to be successful in reaching the goals of this lesson?

Students need to know the number line in both directions. Students need to know the difference between positive and negative integers.

How do you know if students have the knowledge and skills they need in order to be successful?

Students will have the knowledge and skills from previous assessments and lessons taught.

How will you use or accommodate the diverse experiences that your students bring to class (gender, race/ethnicity, English language proficiency, economic status, exceptionalities, skill level, learning styles)?

Students will be provided with a computer.

Students will be given a handout to walk them through the program.

### III. Instructional Procedures

Content summary, including concepts and essential understandings:

Through the use of an Alice world students will be able to learn how to use a

coordinate plane, what the parts of the plane are and how to label order pairs.

Teaching methods:

Hands on with a computer

Student grouping: individual or group of two

**IV. Resources and Materials:**

Computer  
Handout  
Alice World

**V. Instructional Activities**

<u>Lesson sequence</u> , including important questions to ask students	<u>Time</u>
<u>Allotted</u>	

Opening:

Warm up for 5 minutes

Review work from the day before.

Start the Alice world and the mushroom will walk the students through the questions and what they need to know about the coordinate plane.

Main Activities:

Allow the students time to walk through the world and answer the questions and find the points of the object.

Closing:

Review the lesson at hand. Review what you have learn today.

Doticket out the door questions:

Are we good?

What do we need to work on?

What did we master?

**VI. Assessment/Evaluation**

How will you know if each student has met the learning goals?

Attach assessments and assessment criteria.

Teacher observation and review at the end of the learn.

Ticket out the door.

**VII. Adaptations**

Modifications: If lesson objective and/or significant content need to be changed

Accommodations: If other components of lesson need to be changed

<b>Student Name</b>				
What needs are you addressing for this student in this lesson?				
<b>Learning Goals</b> Modification to indicator and/or what student will be expected to know or do				
<b>Teaching Methods</b>				
<b>Teaching Materials</b>				
<b>Student Activities</b>				
<b>Student Materials</b>				
<b>Assessment/ Evaluation</b>				

**VIII. Reflection (if lesson is taught):**

If you could teach this lesson again, what would you do the same? What would you do differently? Which individual or group did particularly well? How do you account for this performance? What might you try in the future with this individual or group? Which individual or group appeared to be having problems? How do you account for this performance? What might you try in the future with this individual or group?