Lesson Plan

Lesson: Using A Compass Rose
Length: 20 minutes
Age or Grade Level Intended: 2nd grade

Academic Standard(s):
- 2.3.1 The World in Spatial Terms: Use a compass rose to identify cardinal and intermediate directions and to locate places on maps and places in the classroom, school and community.

Performance Objective(s):
- Using a compass rose, students will be able to find locations on a map correctly 3 out of 5 times.

Assessment:
- Worksheet: A map with a compass rose. The students will have to use the compass rose to help them move from location to location on the map.

Advance Preparation by Teacher:
- Copy map for student assessment (See first attached page)
- Copy map as a transparency (See second attached page)

Procedure:

Introduction/Motivation:
- Review how to read a map as well as the different components of a map.

Step-by-Step Plan:
1. Draw a compass rose of the blackboard. (Gardner: Visual/ Spatial)
2. Explain what the compass rose is for. (Gardner: Verbal/ Linguistic)
3. Using the overhead transparency map, show the students how to use the compass rose to move from one location to another. (Gardner: Visual/ Spatial)
4. Have volunteers come up to the overhead and show and explain how they would move from one location to another using the directions of the compass rose. (Gardner: Verbal/ Linguistic, Visual/ Spatial)

Closure:
- Have students explain what a compass rose is and how it is used to move from location to location on a map. (Gardner: Verbal/ Linguistic)
Adaptations/Enrichment:

**Student with Learning disability in reading comprehension:** The compass rose is a visual aid for this student. The student might have trouble with reading the questions on the assigned worksheet and the road names on the map, so a reading assistant may be required for help. It should not be too difficult for the student to find the two asked locations on the map since they are marked by a single capital letter.

**Student with ADHD:** Draw the compass rose on the blackboard. Have the student start from their desk and use the cardinal directions to move from their desk to different places in the classroom (teacher’s desk, students’ lockers, door to the classroom, different work centers in the classroom). (Gardner: Bodily/ Kinesthetic, Visual/ Spatial)

**Student with Gifts and Talents in Creativity:** Have the student create a map of the town they live in. Have them use the compass rose to explain how they would get from their house to different places in their town. (Gardner: Visual/ Spatial)

**Self-Reflection:**
- Did the students understand the concept of using a compass rose?
- What were some positives of this lesson? Negatives?
- Did the students stay engaged in the lesson?
- What could I have done different as an instructor to make the lesson more interesting?
Name__________________________

Directions: Use compass rose to find your way from one location to another.

Example: How would you get from the green arrow to Warvel Park?

Go North on Sycamore Street until you get to 9th street. Go west on 9th street.

1. How do you get from X to Z?

2. How would you get from A to D?

3. How would you get from C to V?

4. How would you get from E to Y?

5. How would you get from B to W?