

Objective

By the end of this lesson, you will be able to understand and use maps, orient yourself using cardinal directions, and use a compass to navigate.

Materials and Prep

- Blank paper or a notebook
- Pencil or pen
- Compass (optional)

No prior knowledge or preparation is required for this lesson.

Activities

- **Activity 1: Map Creation** - Draw a map of your room or your house. Include key features like doors, windows, furniture, and any special items you want to highlight. Use symbols and a legend to represent different elements on your map.
- **Activity 2: Cardinal Directions** - Stand in the middle of your room and face north. Identify the other three cardinal directions (east, south, and west) by turning your body accordingly. Practice turning and facing each direction.
- **Activity 3: Compass Exploration** - If you have a compass, use it to determine the cardinal directions in your room. Compare the readings of the compass with your own sense of direction. Experiment with different locations to see if the compass readings change.
- **Activity 4: Treasure Hunt** - Hide a small object somewhere in your room and create a treasure map to help someone else find it. Include landmarks, distances, and directions using cardinal points on your map.

Talking Points

- **Maps:** "Maps are like pictures that show us what a place looks like from above. They help us understand where things are located and how to get from one place to another."
- **Orienting Yourself:** "When we talk about orienting ourselves, it means figuring out which way is north, south, east, and west. This helps us understand our position and navigate effectively."
- **Cardinal Directions:** "Cardinal directions are the four main directions: north, south, east, and west. They help us understand which way we are facing and which way we need to go."
- **Compass:** "A compass is a tool that helps us find the cardinal directions. It has a needle that always points north. By using a compass, we can determine which way is north and then figure out the other directions."
- **Treasure Hunt:** "A treasure hunt is a fun game where you hide something and create a map to help someone find it. The map includes important details like landmarks, distances, and directions to guide the treasure hunter."