

Physics 30S Lab #1

Part 1: Making Directions

1. Choose a destination within the school. This can be another classroom or any other fixed location within the building, but it should be easily identifiable.
2. Once you have chosen your destination, write a series of directions that could be used to guide someone from the classroom (2D2) directly to your chosen destination.
3. Your directions should be written neatly on a sheet of paper. **Your destination should not be identified anywhere in your directions, or on the sheet of paper.**

Part 2: Following Directions

1. Once your directions are complete, exchange your directions for those of another person in the class.
2. Follow the directions given to you by the other person.
3. When you reach the end of your journey, write down the location where you ended up.
4. Return to the classroom and check with the person whose directions you followed. Did you arrive at the proper destination?

The Catch

If your name is in the following list, you must write your directions as if they were going to be followed by a blindfolded person.

Discussion Questions

1. Were you able to successfully follow the directions you were given?
2. What different methods were used to provide directions?
3. Was it easier or harder to write directions for a blindfolded person? Why?
4. In order to write effective directions, what sort of information needed to be included?

Discussion Questions (key)

1. Answers will vary.
2. landmarks, distances and compass headings, paces
3. harder, because they can't see landmarks so distances and directions become much more important
4. distances, directions, starting location