

In this activity, you will create a list of vector-style directions to lead your classmates on a treasure hunt. You should measure distances and angles (use 30, 45, or 60 degrees) to create a list of at least five directions for your classmates.

Procedure:

After creating your list of vector directions, trade lists with another group. Once the exchange happens, each group should:

- Draw a scaled vector diagram of the directions using graph paper, a ruler, and a protractor.
- Estimate the distance between the starting position and the treasure using your graph.
- Calculate the distance between the starting position and the treasure using your directions.

The final step is to find the treasure!