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This activity is for two people or two teams of people.

700

600

500

400

300

100

0

200

300

Distance, in meters

400 500

Distance, in meters

FOR THIS ACTIVITY, you will need:

- paper
- a pencil
- a compass
- a long tape measure

You will try to find your way as if you were walking on a large graph, like the one to the right. The goal is to find a prize by following directions or reading a map.

STEPS:

- 1. One person or team makes a map like the one above, or writes directions for finding a prize.
- 2. First decide on a path from a starting point to a place where a prize will be hidden.
- 3. Measure distances with the tape measure along each section of the path. The directions should all be ether NORTH, EAST, SOUTH, or WEST. Use the compass to find the directions. Have about four sections in the path.
- 4. The directions might be something like this: "Go 30 feet north, turn left, and go 90 feet west. Turn left again and go 60 feet south. Turn right, and go 60 feet west. Do you see the prize?" The directions can be written or they can be shown on a map.
- 5. The other person of team tries to find the prize by following the map or the directions. They use a compass but not the measuring tape. They will find distances by counting their steps. Before they start they will have to measure the length of one step. Then they will figure out how many steps to take for each distance on the map.
- 6. Take turns hiding a prize and looking for it.

Here is another way to do the game: One person hides the prize and makes the map. All the other people try to follow the map to the prize. The winner is the person who ends up closest to the prize. The winner gets to hide a prize next.

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Store

600

700







