

Treasure Mapping

Name: _____

Date: _____

Vocabulary

Compass - a tool used to show the current directions based on Earth's magnetic field

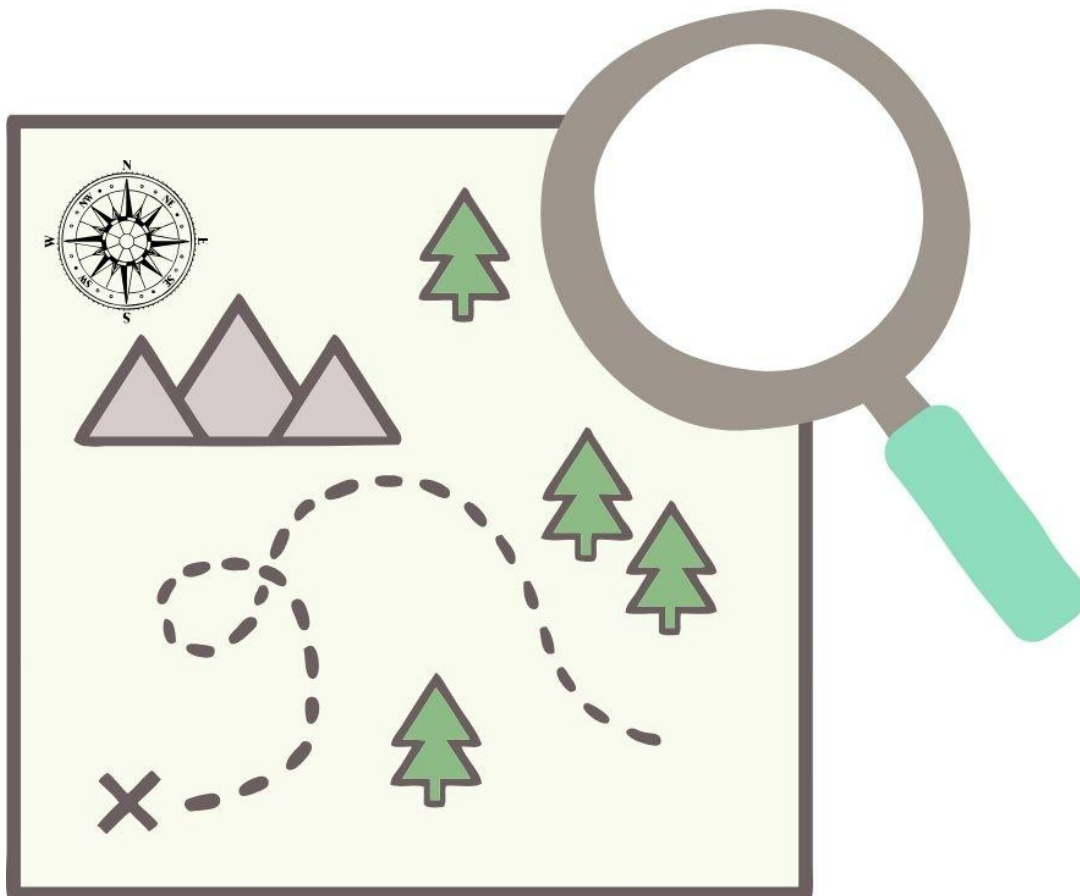
Compass Rose - a symbol showing the directions to use when reading a map to help you position the map correctly

Cardinal Directions - the four main compass directions: North, South, East, and West

Activity 1

Reading a Map

- 1 Observe the map below. What are some things that you notice about this map? Write your observations in the magnifying glass.



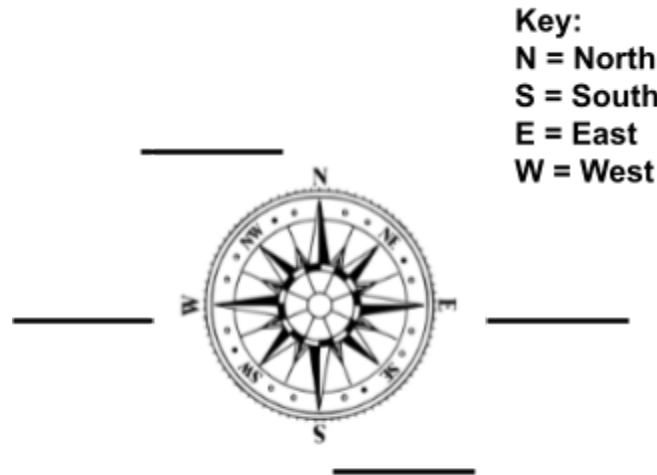
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2 This is a compass rose. It is found on the map and used to help you figure out how to read it correctly.

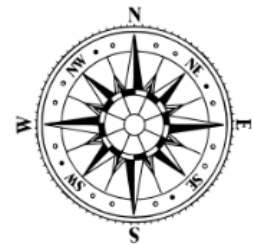
Label the letters on the compass rose using the key.



Activity 2

Using Ari to Read Your Map

- Place Ari on your desk.
- Turn your map so that the compass rose on the map looks exactly like the compass on Ari.
- Keep your map in this orientation and place Ari onto the X on the map.
- Now practice reading the map using Ari.

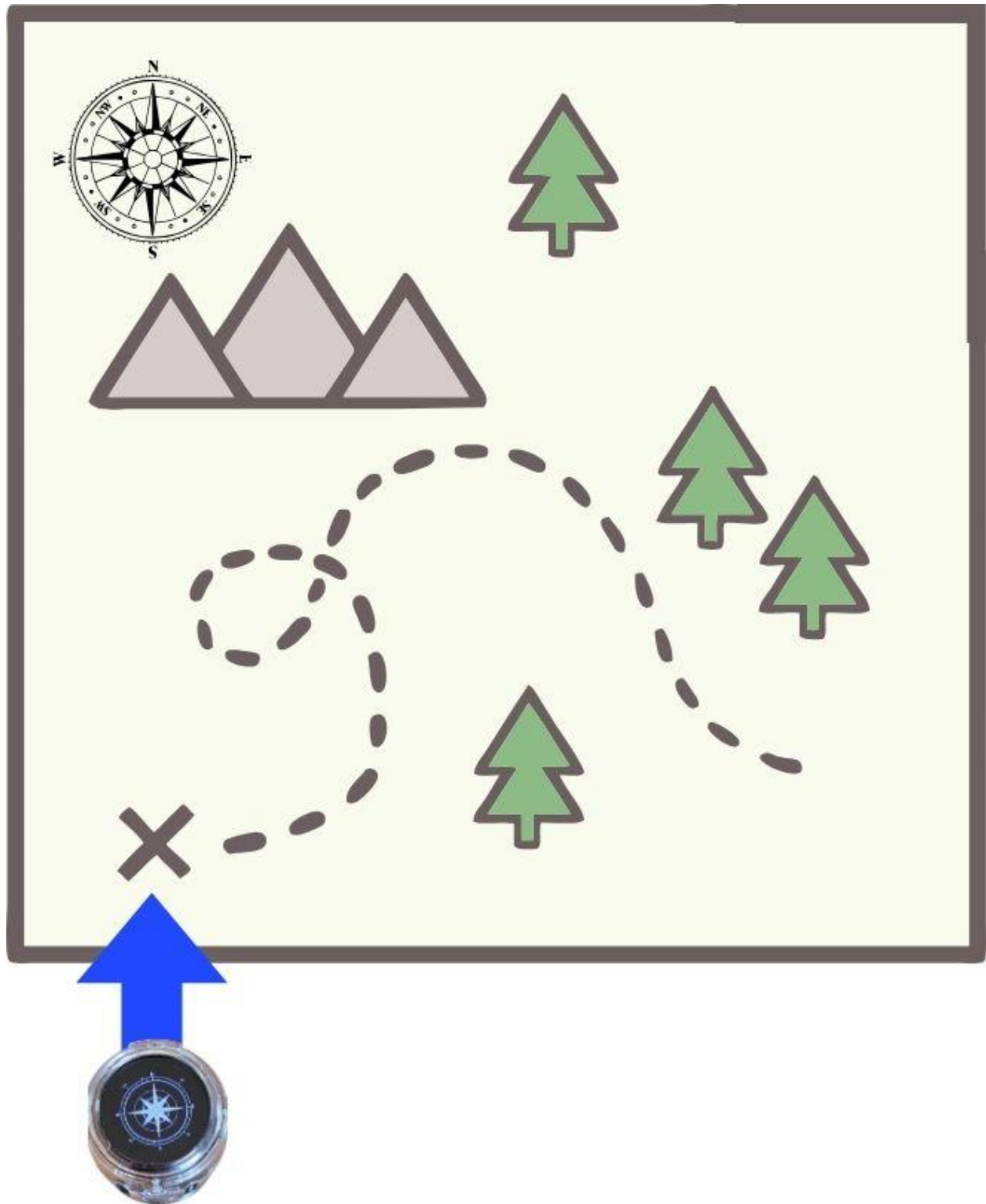


- 1 From where Ari is located, which direction is the mountain? _____
- 2 From where Ari is located, which direction is the closest tree? _____
- 3 If you followed the dotted line, which direction would you go? _____
- 4 From where Ari is located, which direction is the compass rose? _____

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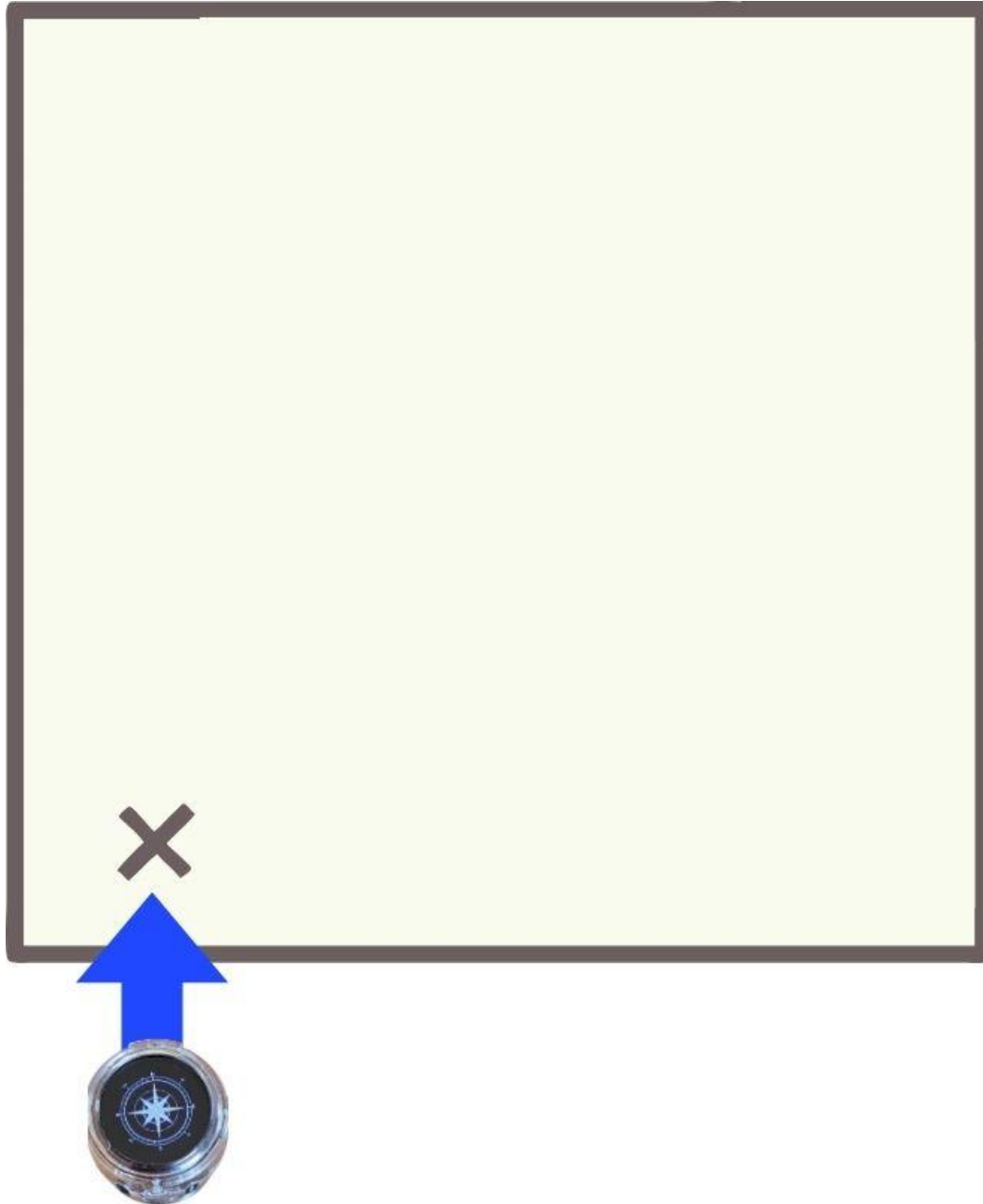
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Activity 3

Treasure Mapping

- Start by placing Ari on the X and positioning your map how you wish to draw it.
- Draw a compass rose that aligns with the directions you would want someone to read your map.
- Draw 4–5 basic “landmarks” within your space (Example: Your desk, the trash can, the teacher desk, the door).
- Place an item in a location in the space.



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- Write directions to give clues to find your item using the map and Ari's Compass.

Clues:

1	
2	
3	
4	

Exit Ticket

Follow the clues and reflect!

1. I found _____ by using Ari, a map, and a set of clues.
2. I was able to do this by doing the following steps:
 - _____
 - _____
 - _____
 - _____
 - _____
3. A question I still have is _____

Criteria for Success:

- Object found in the activity is described.
- Directions are organized in a clear, step-by-step sequence that someone could follow to reach the destination.