

# Outdoor Adventurous Activities (OAA)

## #MapOrientation



**WARRINGTON**  
**SCHOOL**  
**GAMES**

### Achieve the challenge

The aim of the game is to orientate the map correctly whilst completing different routes.

### Learning about orientation

- Orientation means “facing a particular direction”. You may have heard of the different page orientations, portrait and landscape.
- All maps should indicate which way North is (usually with North at the top).

*Tip: See the [#CompassPointChallenge](#) for finding which direction North is in your house.*

- To use a map to travel to another location, the map must be facing the correct direction in the first place. This is known as orientating the map and is an important map reading skill.

*Tip: It is the position of the objects, not which way up the text is, that is important.*

### Equipment

**Make sure you ask permission!!**

#### Essential

- Space big enough for the game
- A4 paper and pencil/felt pen
- 5+ objects (plate, toys etc)

#### Optional

- Rug/tarp/groundsheet
- Red or purple pencil/felt tip
- Access to the internet
- Another person

### How to play: Part 1 [\[click here for the link to video – but read each part first\]](#)

1. Mark out a large rectangle on the ground, at least 5-6 paces in each direction if possible.  
*Tip: you could use a picnic blanket, or twigs/rope if outdoors, or maybe a table if indoors.*
2. Collect about 5 objects of a different size or shape (so you can easily tell the difference) and place them in a square in the area you marked out. A football would be a good size.
3. So that it nearly fills an A4 sheet, draw a basic map showing the outline of the area and of the 5 objects. Include a compass arrow pointing North. *Example: Diagram 1 shows an example with a football, cone, sunshade base, tin can, and a rugby ball.*
4. Hold the map in front of you with two hands, like holding a tray of food. Stand on the edge of the area (one of the red crosses on diagram 1). Hold the map so that the objects on the map should match the same position as on the area.
5. Now stand at a different red cross and face inwards. Make sure your map matches the layout of the objects on the ground. *Q: How does your grip of the map change ?*
6. Repeat at each of the remaining sides (red crosses).

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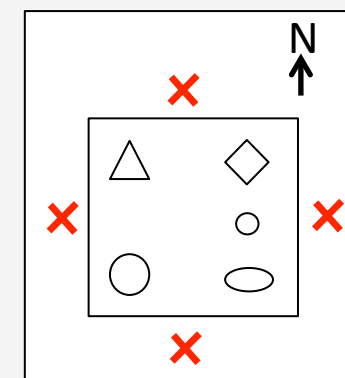
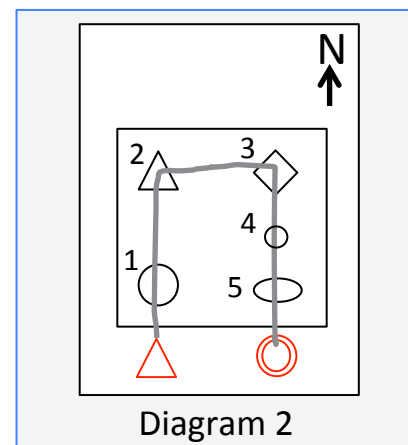


Diagram 1

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## Draw a route: Part 2

- Look at diagram 2. In pencil copy the clockwise route on to your map (the grey line shown on the diagram).
- Add the number labels (1 to 5) to each object in the order that they are visited.
- Add a red (or purple) triangle for the start and a red or purple double circle for the finish. These are the official symbols used for orienteering courses.



**Tip:** When drawing the objects, only draw their basic outline. You do not have to draw the detail or use different colours.

## How to play: Part 2

- Stand at the start (red triangle) facing North, holding the map out in front of you in both hands, orientated correctly. Point to where you are on your map.
- Now face the first object on the route and move towards it, whilst holding the map out in front of you.
- Face the second object marked on the map (*tip: this should be straight ahead*). Use your finger to point to it on the map and proceed to the second object on the route, whilst holding the map out.
- Now turn and face the third object on the route. *Q1: What direction is this?*
- Orientate the map by rotating it until matches the grid on the ground. Point to the third object on the route and walk to it, whilst holding the map out.
- Complete the route, making sure you orientate the map each time.

*Q2: What direction are you facing at the finish?*

**Challenge:** Can you teach an adult the skill you have just learned?

## How to play: Part 3 (more ideas)

- Draw a more difficult route in a different colour.
- Add more objects to make this more challenging - you will have to draw a new map (good practice).
- How quickly can you move whilst still orientating the map?
- Set a different exercise at each object.

## Spirit of The Games



### Honesty:

Did you complete the challenges without looking at the answers?

## Answers:

Q1: The direction is East  
Q2: The direction is South