

Outdoor Adventurous Activities (OAA)

#CompassPointChallenge



Compass

Achieve the challenge

The aim of the game is to correctly identify compass points

Learning about compass points: Part 1

- There are 4 main compass points - North, East, South, and West.
- These points are located on a compass face, which is round like the face of a clock. North is always at 12 o'clock, East at 3 o'clock, South at 6 o'clock, and West at 9 o'clock.
- These are called the cardinal compass points. They are sometimes shown labelled on a cross, like the diagram on this sheet. *Tip: See the next page for helpful tips about remembering which order they are in.*

How to play: Part 1 [There is a link to a video on the next page]

1. Copy the compass points diagram onto a piece of A4 paper, filling the whole page.
2. Find out which direction your home faces *Tip: see the last page for more help with this.*
3. Find a suitable space and place the diagram on the floor, with North on the paper facing North. *Tip: You may need to weigh it down with some stone(s) or object(s).*
4. Stand in front of the paper, facing North.
5. The direction caller then calls out one of the 4 compass points at random. You have to jump and land facing that direction. *Tip: If you are unable to jump, then turn and face, or point with your finger.*
6. Repeat this 12 times – you get a point each time you get it right. How did you do?

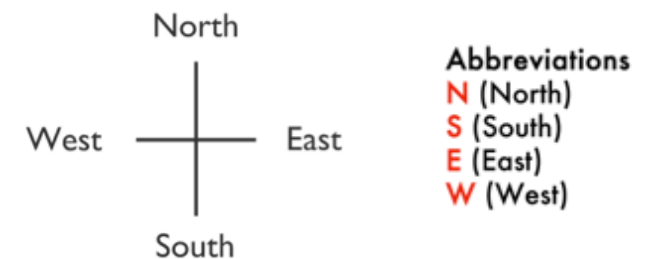
Equipment

Essential

- Space big enough for the game
- A4 paper and pencil/pen

Optional

- Access to the internet
- Another person (direction caller)
- 8 objects (stones/toys)
- Stopwatch (something to time with)
- Ruler and scissors



Spirit of The Games

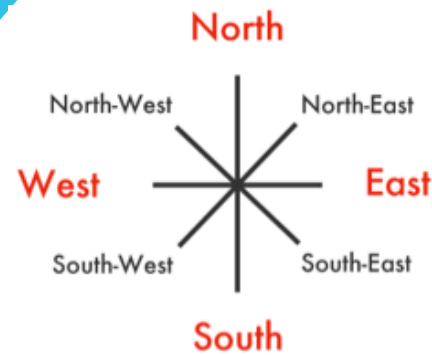


Self-Belief:

Are you always confident that you will choose the correct direction?
What happens when you are not confident or over confident?

Learning about compass points: Part 2

- There are 4 further compass points that are commonly used.
- These are located in between the four cardinal points on the compass face, and are often shown on a diagonal cross, as shown in the diagram.
- These are called the inter cardinal compass points.



Abbreviations

N (North)	NW (North-West)	NE (North-East)
S (South)	SW (South-West)	SE (South-East)
E (East)		
W (West)		

How to play: Part 2

1. Copy the 4 inter cardinal compass points onto your diagram.
2. Repeat the game using all 8 compass points.

How to play: Part 3 (if you have more space)

1. Get 8 objects (large stone, toy etc) and place them in a large circle, with one object at each compass point, about 4-5 paces away from the centre.
2. When a new direction is called, instead of jumping and facing that direction, you have to run and tag the correct object, then return to the centre, facing North.
3. When you are confident, remove the compass diagram and hand it to the caller.
4. Complete 20 turns. How many did you get right first time?
5. If you got them all right, well done. Have another go and this time ask the caller to time how long it took you (if you get one wrong, you have to tag the correct object before the next point is called).

Watch a video of how to play the game

Link to YouTube video on Ortelius-Outdoors channel: [How to play](#)

Tips: Use a mnemonic to remember the first letters of each direction in a clockwise order, starting with North (N,E,S,W):
N aughty
E lephants
S pray
W ater

Search for other rhymes on the internet, or think of your own.

Competition ideas:

- Swap roles and see how many the caller gets right.
- How many can you get right without hesitating/stopping or getting one wrong?
- Once you have got them all correct see who can get the fastest time.
- Record your scores and have a go each day this week. See if you can improve your performance.

How to play solo (one player version)

1. Make 16 labels/cards (for example cut up an A4 sheet) and write out each direction on 2 of the cards (you can use the letters N, S, E and W if you like). *Tip: If you are having difficulty, draw a line dividing the paper in half. Keep dividing the paper with lines until you have 16 labels of the same size.*
2. Shuffle the 8 cards and place the pile upside down in your left hand (or right hand if you are left handed).
3. Turn over one card at a time to get a new direction (placing it at the bottom when you have used it).
4. Jump and land facing that direction (or run for part 3).
5. Carry on until you have turned over all the cards in the pile.
6. Use the 8 spare labels for the inter-cardinal points in Part 2.

Further ideas:

- Think of other ways to randomly choose one of the four compass points.
- For example, if you have a dice, you could allocate each number to a direction;

1 = North

2 = East

3 = South

4 = West

5 = opposite of last direction

6 = roll again

How to identify which direction your house faces

This can be done in 3 ways:

- 1) With a compass: if you or someone else at home has a compass, like the one on the first page. Compasses have a single needle in the middle, with one end marked red and the other white. Make sure the compass is level. The compass needle will stop moving after a few seconds. The red needle always points to North (once it has settled). *Tip: place it on the ground to make it level.*
- 2) Using the internet: use a search engine like google, you can use your address and postcode to find your house/flat. Nearly all mapping software (like google maps) has the top of their maps pointing North. If you zoom into the location of your house, so you can see the outline of the building and the street(s) you live on, you should be able to work out which wall/fence points North.
- 3) Using the sun: The sun rises in the East (in the morning) and sets in the West (in the evening). Can you remember which room/window the sun shines through first thing in the morning? This is East. This should help you, or a helper, work out each of the compass directions in your building or outdoor space.

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#StayInWorkOut

