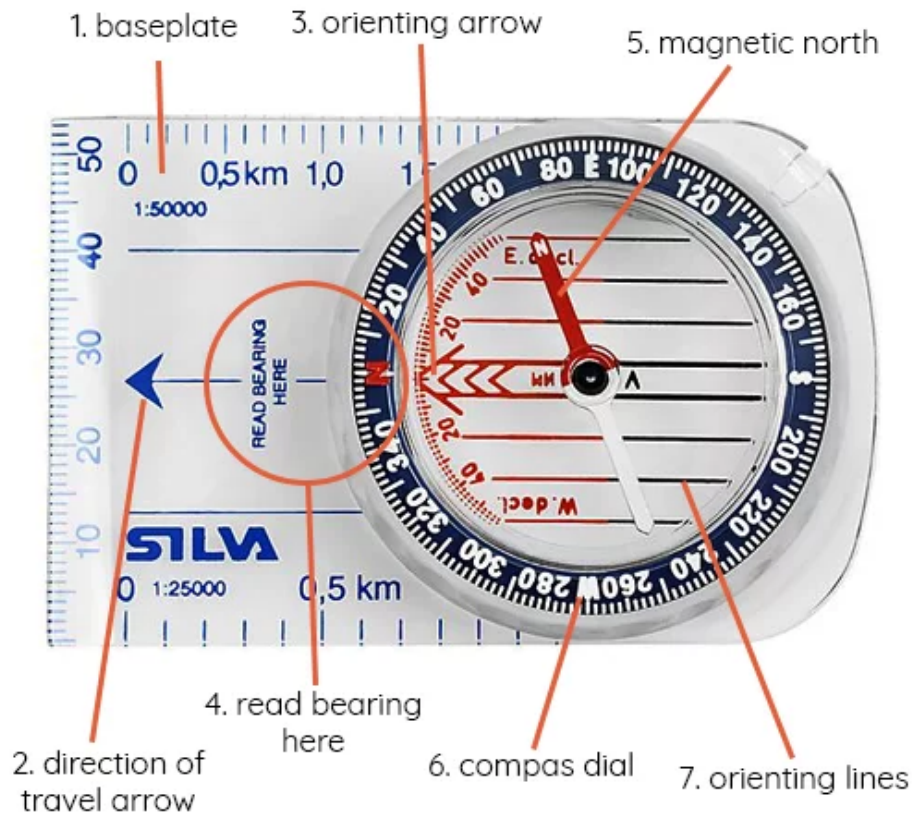


How To Use A Compass.

Parts of the compass:



1. **Baseplate** – is the main body of the compass. It has lines and rulers on the baseplate to help you measure distances.
2. **Direction of Travel Arrow** – this arrow shows the direction you need to be travelling or your intended direction of travel on a map.
3. **Orienting Arrow** – this arrow is fixed to the compass dial (6) it is aligned to the north on this dial. You rotate to align this to the north on the map to take a bearing.
4. **Read Bearing Here** – once you have followed the steps to take a bearing, this is where you would read the measurement. The
5. **Magnetic North** – this is the compass needle. It floats in liquid and can rotate freely. The red end always points to the magnetic north.
6. **Compass Dial** – this dial contains the compass needle (5) and can be rotated. This is how you align the orienting arrow (3) to the map. It's marked in degrees, going from 0 to 360, making a full circle. North is 0, South is 180, East is 90 and West is 270.
7. **Orienting Lines** – these lines are on the dial too. They are here to help you line up the orienting arrow (3) to the north on the map using the map grids.



How to take a simple bearing using a map and compass:

1. Locate yourself on the map.

I am starting in the circle and want to travel down the dotted line to the right.



2. Line up the direction of travel arrow (2) on the path you want to travel along.

I want to walk down my dotted line.



3. Turn the compass dial (6) so the orienting arrow (3) is pointing to the north of the map.

You can use the orienting lines (7) to help you line it up to the grid on the map.



4. Now you have a bearing. The number at the top of your compass, lined up with the direction of travel arrow (2) is your bearing (4).

My bearing to travel along is 92.



How to follow your bearing when walking:

1. Take your bearing using your map.

Follow the previous steps. My bearing is 92. Keep the dial exactly where it is, you do not need to move the dial from now on.



2. Line up the orienting arrow (3) with the magnetic north (5).

Do this by physically moving the whole compass, until they are lined up. Don't move the dial!

3. Follow the direction of travel arrow (2).

You've taken a bearing, lined up the orienting arrow and magnetic north. This now means the direction of travel arrow is pointing in right direction.

