

Survey Instructions – Helpful Information

Health and safety

The Colour in the Margins project has set-out health and safety principles as part of volunteering with the project. If you are not within a focus area for the project you will need to make your own health and safety arrangements such as:

- Survey in small groups or use a buddy system if lone working. Always tell someone where you are going and when you intend to return.
- Take appropriate clothing and footwear.
- Take sun cream, lunch and water etc.
- Take a fully charged mobile phone.

The Colour in the Margins project has no responsibility for people using this survey method outside their focus areas or on farms that have not been allocated by the project.

How do I take a grid reference?

Ordnance Survey has a webpage about how to read a grid reference

[ordnancesurvey.co.uk/blog/2015/11/map-reading-skills-how-to-read-a-grid-reference/](https://www.ordnancesurvey.co.uk/blog/2015/11/map-reading-skills-how-to-read-a-grid-reference/)

A 6-figure grid reference is required for a 100x100 m cell and an 8-figure grid reference is required for a 10x10 m cell. A 10-figure grid reference is the most detailed fix on a location and required for precise location, such as a quadrat. It is possible to get a 6-figure grid reference using a map, but a GPS or mobile app is required for more detailed grid references. Each GPS unit is different, and you may need to read the instructions to find out how to use it. There are good mobile apps that can provide a 6, 8 or 10 figure grid reference. [Apps sourced on 31/10/2019. Newer or alternative apps may be available]

For Android and (and tablets):

- **Grid Reference – British Isles:** Free and provides a 10-figure grid reference against a map or satellite background.
- **Grid Reference Free OS.** Supports UK Ordnance Survey grid references from 4 to 10 figures.

For iPhones (and tablets):

- **GB maps offline:** Free and will provide a 10 –figure grid reference.
- **GPS OS Grid Reference:** Free and will provide a 10-figure grid reference.
- **GB Grid Ref Compass:** Cost £0.99, but will provide a 10-figure grid reference.
- **Grid ref UK and Ireland:** Free, but only provides a 6-figure grid reference.

All of the apps should be downloaded prior to the survey as some also require base maps to be downloaded to work which will require internet access. All of these apps use satellite technology so you do not need to be in mobile reception to get a grid reference, but where satellite access is restricted, such as in woodland when trees are in leaf, in gorges and tunnels etc., they may not be able to connect to a satellite to provide a grid reference, or the grid reference may be inaccurate.