



How to create a Geocaches course on your farm

You could make the caches have the GPS points for the next cache or to make it more difficult make it a riddle with the answer gaining them the GPS coordinates for the next cache location. The final cache could have their Easter eggs or a special treat

To setup

The kids will need a smart phone to take with them unless you have a handheld GPS

- Organise all your caches (plastic container) and what will be in them (chocolate eggs, the next cache location, riddles)
 - Write up your riddle, math sum or multi choice question and place them in the numbered caches. Take note of what answer relates to what cache. It might be ideal to write a child's name on each riddle to give each child an opportunity to solve their own problem.
 - To receive the next GPS coordinates you need to plan how they will submit their answers, via text or over the radio.
 - If you are making each cache hold the GPS location for the next you will need to hide them in the reverse order to which they will be found, to therefore give you the GPS point to put in each cache
- Have a general idea of where you are going to hide them. Depending on how difficult you wish to make it you could make the GPS coordinates lead to some sort of mark (tape, picket) to show they have made it to the location and then hide the cache somewhere in the area or it could lead right on top of the cache. To get your GPS coordinates, open the compass or a map app (all iPhone should have the compass app alternatively if you have signal you could ask Siri for your GPS coordinate) on your phone and it will show you your GPS location take note of this and which cache it relates to.
 - If you are doing the riddle caches, take note of what GPS coordinate to give them when they submit the correct answer
- You will need a good compass app if you do not have a handheld GPS, Commander Compass Go (which can be found on the app store), is a free compass app which allows you to input a GPS location and will indicate how far and in what direction to head. You will need to make sure they understand how to use the app, and type in the next the GPS location.

Setting up the App

- Open the app and touch the screen to bring up the buttons and select the "i" in the bottom right hand corner.
- Select settings.
- Make sure the Turn on Gyrocompass option is turned on Compass mode as it helps with teaching direction.
- Scroll down to Maps and make sure Maps it turned on as it shows a map behind the compass. You can choose your map type under Maps.

To add GPS points to navigate to

- Touch the screen, then the flag just above the "i" setting buttons.
- Click Add Map Location,



- Click on the GPS coordinates in the top left corner, this is will then allow GPS coordinates to be inputted.

Before you let the kids leave make sure they have

- everything packed for an adventure (food, water, protection from the elements)
- a way of contacting you if they get lost, stuck on a riddle or into trouble (handheld radio, if phone signal is bad)
- they understand how to use the app and how to submit riddle answers (if doing the riddles)