

Orchard Link Mapping Workshop



Worksheet: Adding photos to Google Maps and sharing....

Google Maps allows people to share mapping and photos online.

We are going to add a photo (or photos) to a google map and share it with others in our group. The aim of this exercise is to guide you through the processes involved. The first part of the exercise deals with **non-geotagged** photos and the second part deals with **geotagged** photos.

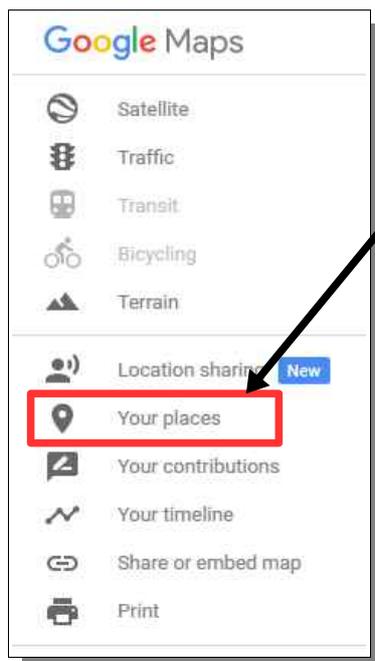


You will need a **Google Account** to do this.....

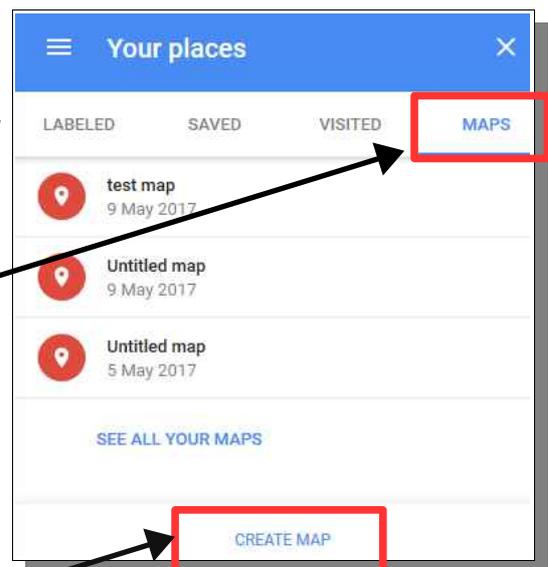
If you don't have one they are easy to create just go to <https://accounts.google.com/SignUp?hl=en>

Name	Orchard	Mapper1
Choose your username:	OrchardMapper1 @gmail.com	

1) Once you have an account go to www.google.co.uk/maps and choose



2) Next choose **Your places..**



3) Choose **MAPS**

4) Choose **Create Map** (at the bottom of the panel)

5) The following panel lets you set Map and layer information...a Map can have more than one layer.

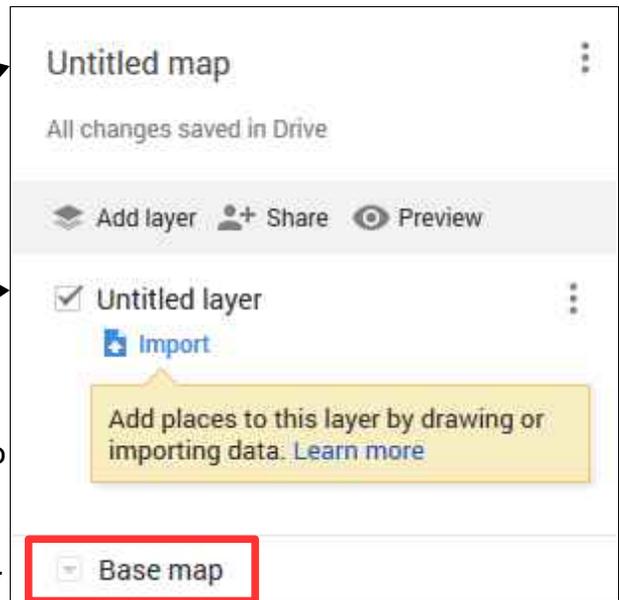
Fill in details here such as the Map Name (by clicking on it)

“Orchards 2017” for example

It will also let you add a description.

The layer name “Apple Trees” for example

You can also choose the **Base Map** you wish to use. I would recommend the Satellite Map as you will be able to pick out features on the ground such as fields and even individual trees.



6) Once you have set the Map Name and Layer you can Add a point by choosing the **add marker** icon as shown.

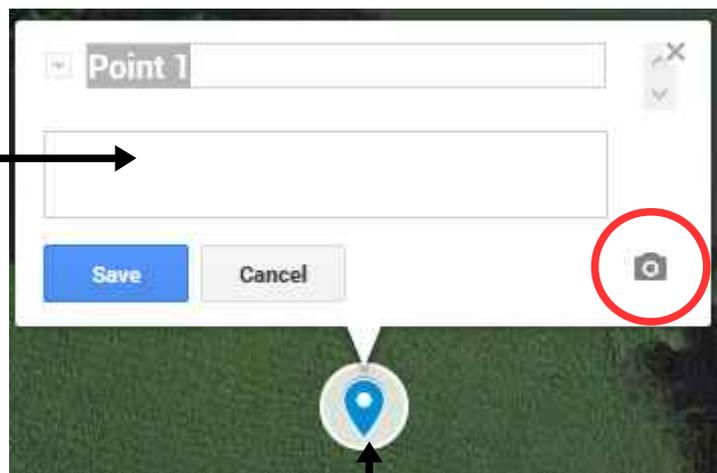


7) Click on the location you want to add the point and the following panel will be displayed.

Give the point a simple name “Cox”...
...and a description...

“Originally called Cox's Orange Pippin”

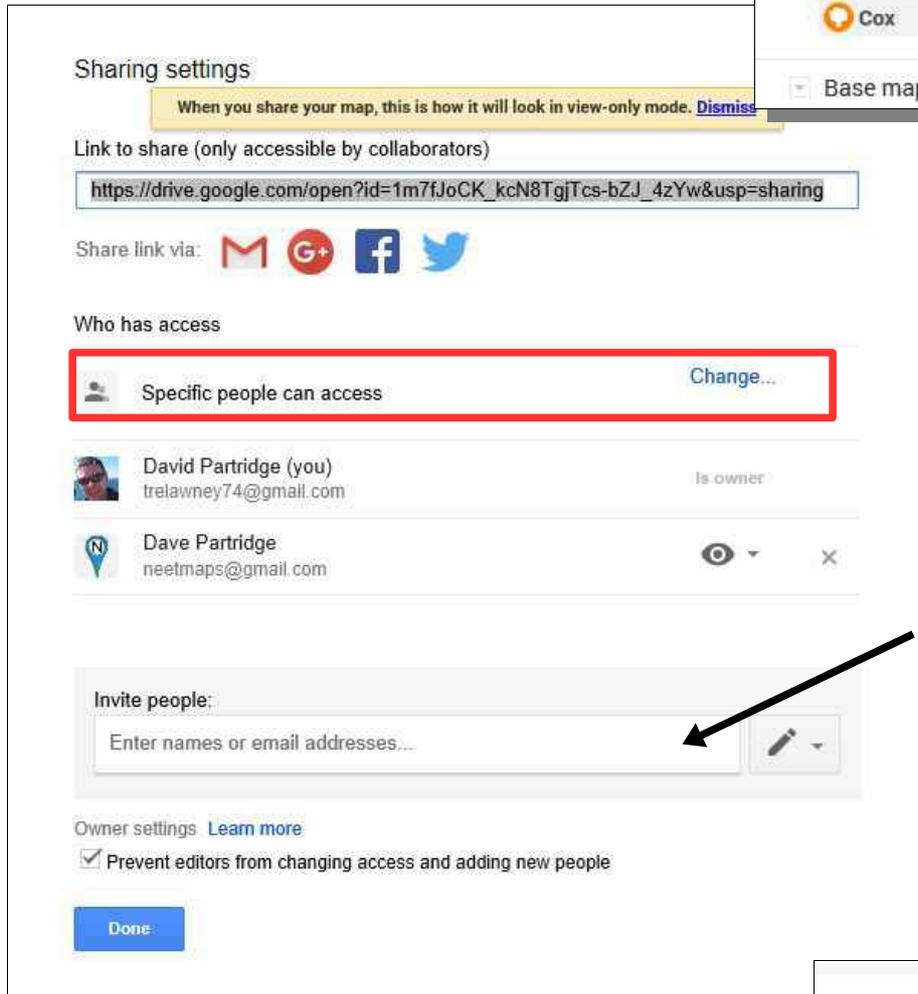
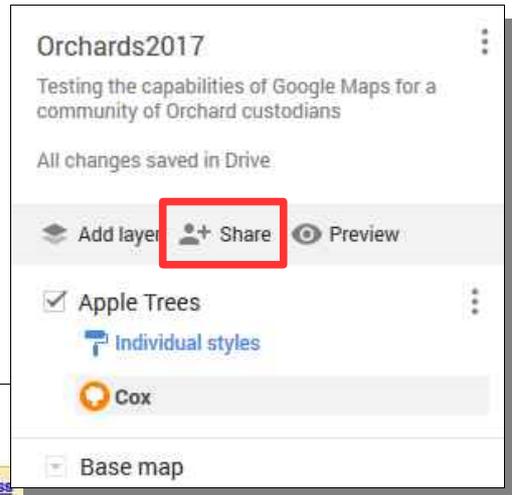
You can **Add an image or Video** by clicking on the camera icon and browsing for an image on your pc.



The **style of the map icon** can also be set by clicking the paint pot icon and choosing a colour and a symbol.

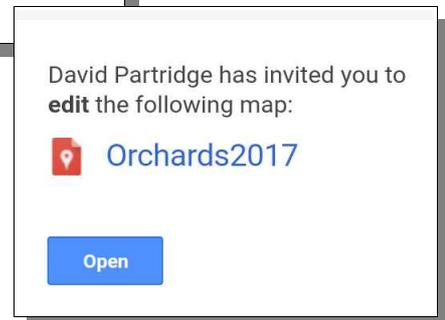
8) Press the **+Share** button to invite others to view your work...

You will need to complete the **Sharing Settings** so that you are happy with who can view your work. In this example I have allowed **specific people only** to access my work.



Email addresses of those you want to share can be entered here...

They then get an **email** asking them to edit or view..



Geotagged photos...

Geotagged photos contain the GPS position of the photo in the file header information (in other words you have had the GPS in your phone or camera turned on when taking the pictures)

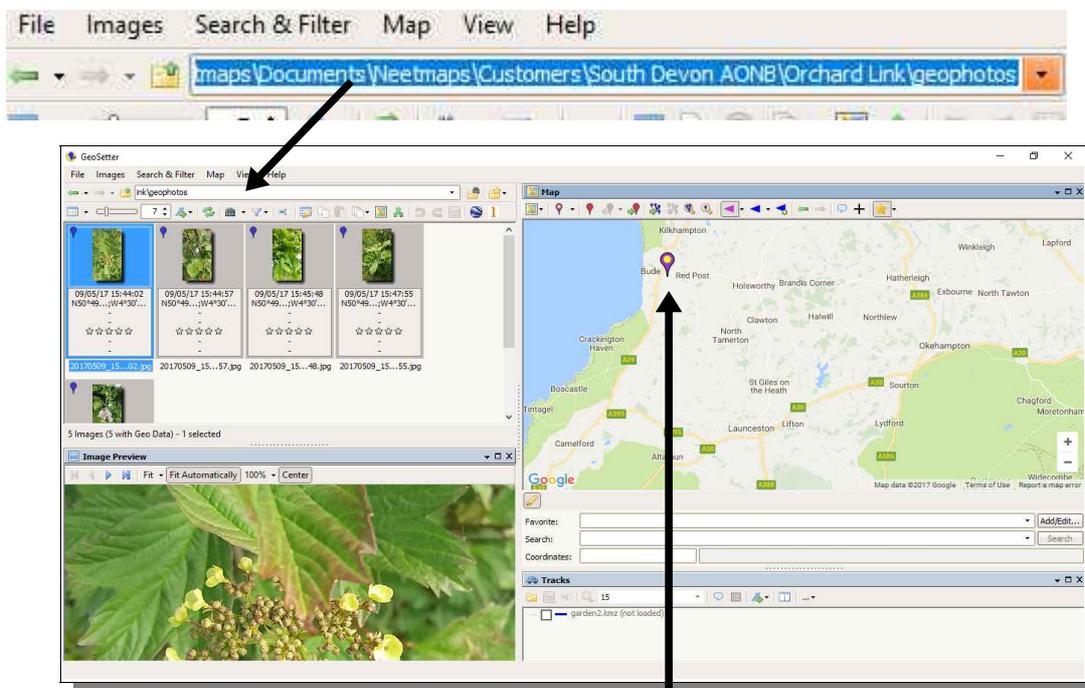
You will need to download a small piece of free software “**GeoSetter**” from <http://www.geosetter.de/en/> to follow along the next exercise.

GeoSetter can read the **Latitude** and **Longitude** from the digital photo and exported direct to Google Earth or save it as a kmz file so you can upload to your Google Map using the **Import** button (shown in step 5 on the previous page).

Note: GeoSetter may recommend you to upgrade to the latest version of “**Exif**” - make sure you do this if prompted.

Here's what to do once GeoSetter is up and running....

- 1) Browse to the Geotagged files somewhere on your pc or connected device.



You will see the locations of your photos displayed on the map.

- 2) Press the Google Earth icon  press **OK** and save as a kmz file. (You can upload your kml file in Google Maps - see **import** button step 5, page 2)

- 3) You can then optionally open and view your image as a thumbnail in **Google Earth**

Tip – upload kmz file in Google Maps first then edit points and add full image.