

Geography Pack

Make the most of maps!



This year, we purchased online access to a computer program called Digimap for Schools, which allows us to see and use maps from around the world. Some classes have already been using it.

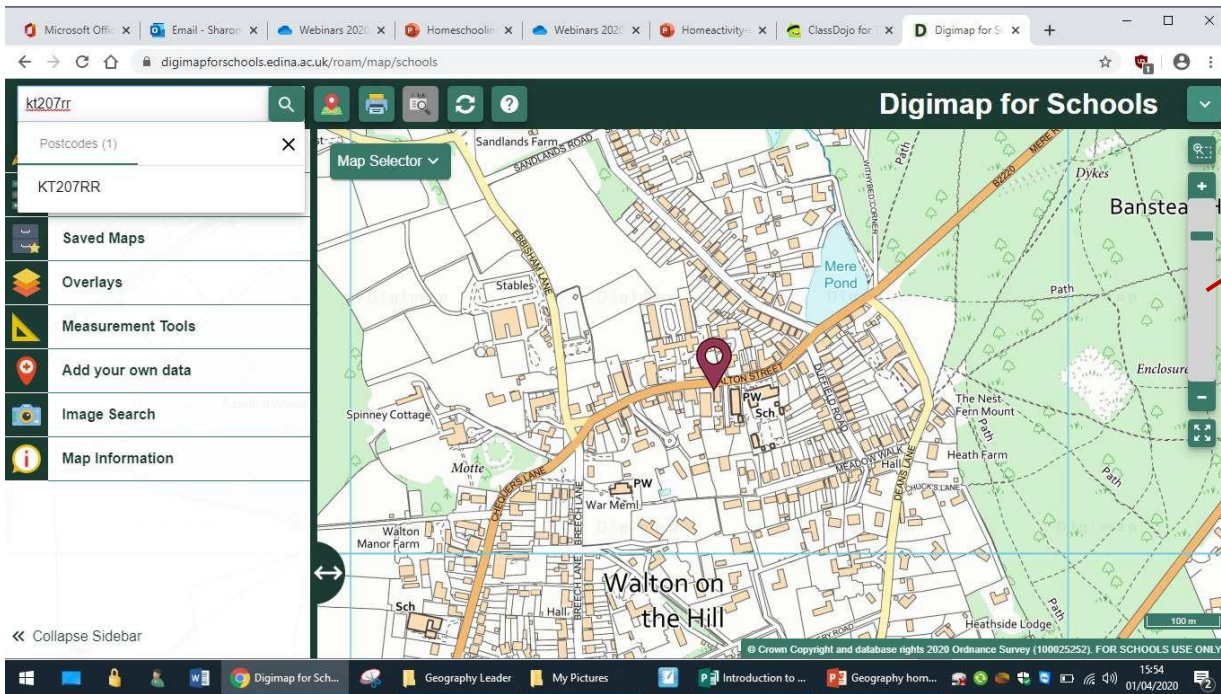
In this pack, we have put together some suggestions about how you might like to use this package at home. We hope you enjoy using it!

Task 1 – Find your house!

Type your postcode
in here!

The screenshot shows the Digimap for Schools web application. The browser's address bar displays the URL digimapforschools.edina.ac.uk/room/map/schools. The search bar at the top left contains the placeholder text "Search places, coords, postcodes...". A red arrow points from the text box above to this search bar. The main area of the page is a map of the United Kingdom and Ireland, with a "Map Selector" dropdown menu above it. On the left side, there is a sidebar with several menu items: Drawing Tools, Key, Saved Maps, Overlays, Measurement Tools, Add your own data, Image Search, and Map Information. At the bottom of the sidebar, there is a "Collapse Sidebar" button. The bottom of the browser window shows the Windows taskbar with several open applications, including "Geography Leader" and "My Pictures". The system tray in the bottom right corner shows the time as 15:50 and the date as 01/04/2020. A copyright notice at the bottom of the map area reads "© CollinsBartholomew Ltd (2019). FOR SCHOOLS USE ONLY."

Task 1 – Find your house!



Use this slider bar to zoom in and out.

Task 1 – Find your house!

Use the “Map Selector” bar to change the view. You can slide between the modern map and other views using the slider above where it says Ordnance Survey.

Was your house there in 1890?

Was your house there in 1950?

What does your house look like from above?

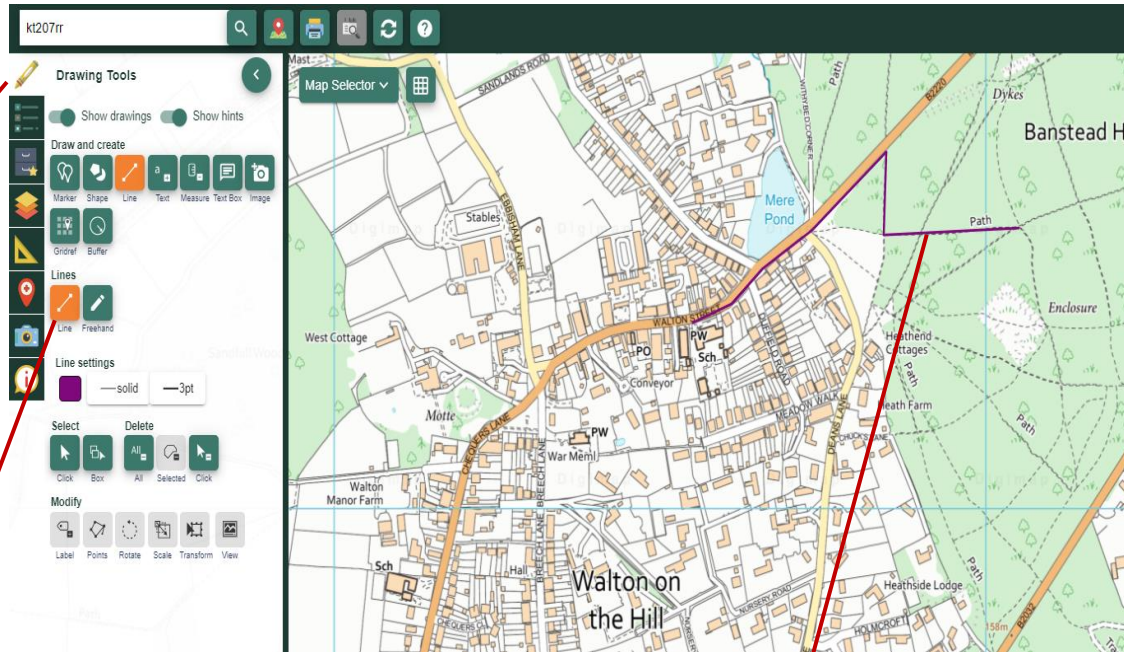
The screenshot shows the Digimap for Schools web application. The browser address bar displays digimapforschools.edina.ac.uk/roam/map/schools. The search bar contains the postcode 'KT207RR'. The 'Map Selector' dropdown menu is open, showing a slider and five map style options: Ordnance Survey (selected), Aerial, AerialX, 1950s, and 1890s. The map displays a residential area in Walton on the Hill, with a red pin marking a location on Lion Street. The interface includes a sidebar with navigation options like 'Saved Maps', 'Overlays', and 'Measurement Tools'. The Windows taskbar at the bottom shows the time as 15:36 on 01/04/2020.

Task 2 – Plan a walk!

1. Click on drawing tools

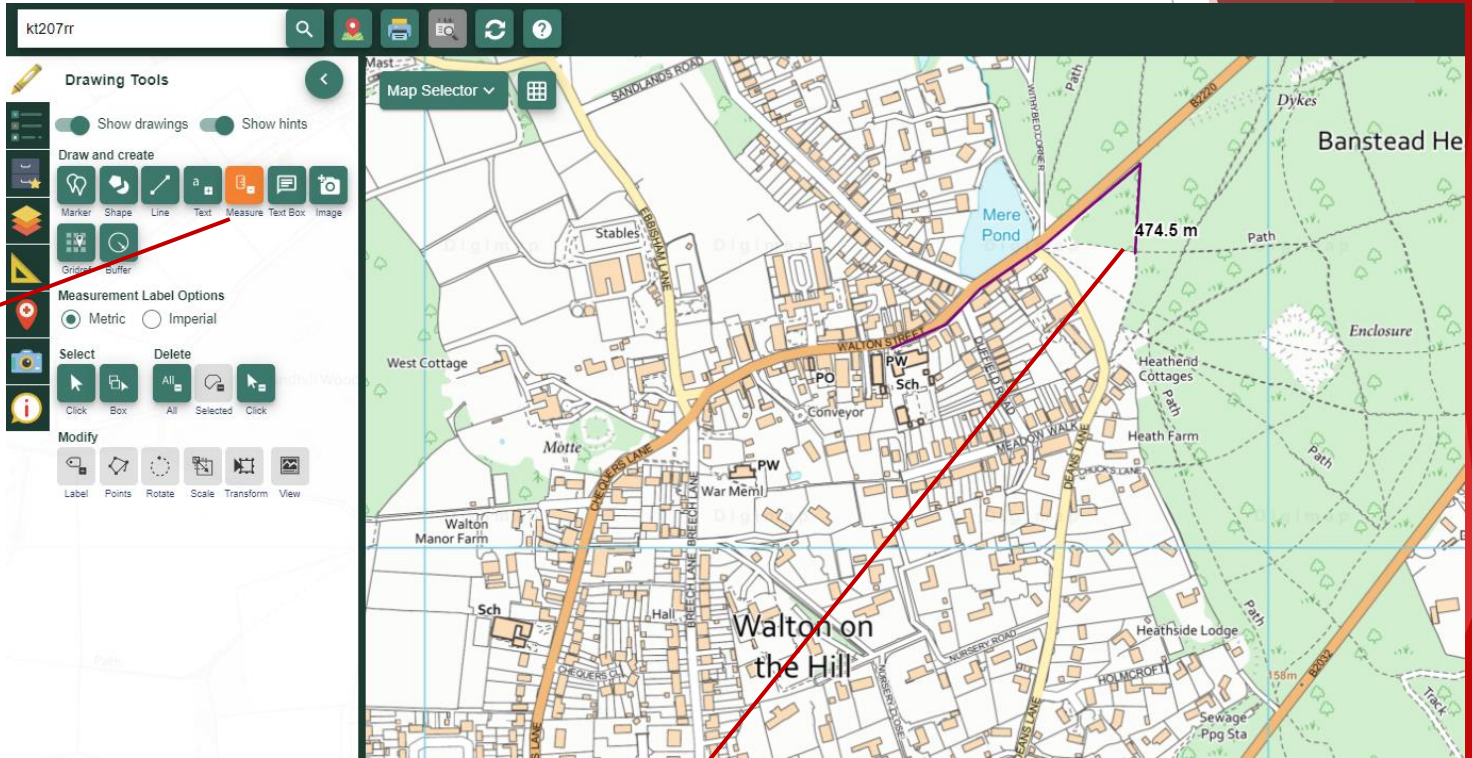
2. Choose the straight line drawing tool. Scroll down if you want to change the colour of your line.

3. Draw a line to show where you want to walk. Click your mouse when you want to change direction. Do a double click when you have finished.



Task 3 – Measure the distance of your walk!

1. Choose measurement Tools



2. Click on the route you have drawn and it will tell you how long it is!

Task 4 – Use the key to find out what you might see on your walk!

Click on the key tab.

The key is split up into different features.

The screenshot displays the Digimap for Schools web application. The browser address bar shows the URL digimapforschools.edina.ac.uk/roam/map/schools. The search bar contains the text "kt207rr". The main interface is split into two panels. On the left is the "Key" panel, which is expanded to show a list of map features: Roads, Railways, Buildings, Water features, Vegetation, Landforms, Height, Linear Features, and Point Features. On the right is the map panel, showing a topographic map of Walton on the Hill. A purple line is drawn on the map, starting from a point labeled "375.3 m" and extending towards the center of the town. The map includes labels for various locations such as Sandlands Farm, Mere Pond, Spinney Cottage, Motte, Walton Manor Farm, and Heathside Lodge. The bottom of the screen shows the Windows taskbar with several open applications and the system clock displaying 16:38 on 01/04/2020.

Task 5 - Now go on your walk!

- ▶ If you would like to print your map out, follow these instructions.
- ▶ Time yourself on your walk and work out how long it takes you to walk 1km!
- ▶ I don't recommend saving your map as it is accessible to anyone else who has our school log in details. This gives people information about where you live. **Think about safety!**

Click on the printer. Follow the instructions. The program will make a pdf of your map.

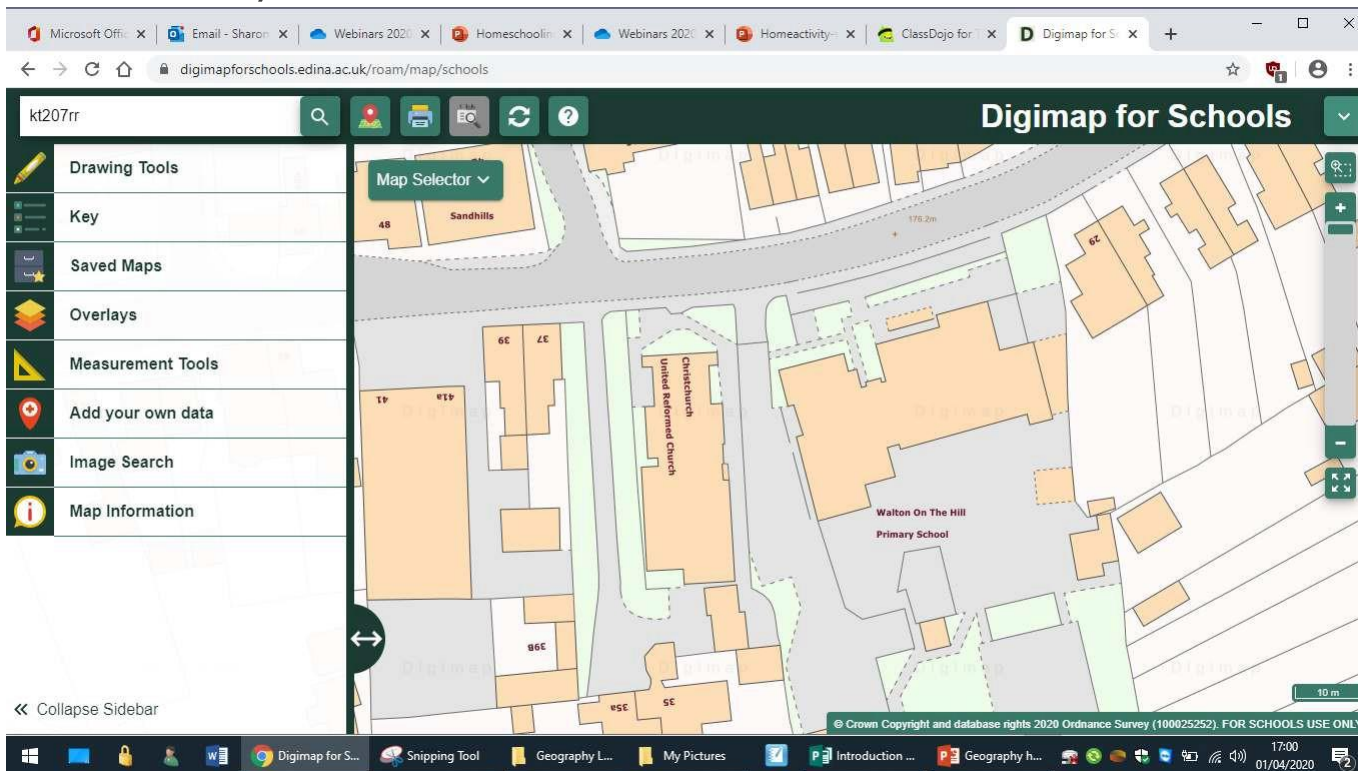
The screenshot shows the Digimap for Schools web application. The browser address bar displays 'digimapforschools.edina.ac.uk/roam/map/schools'. The main map area shows a street map with a highlighted path. A 'Print' dialog box is open, featuring the following options:

- Options:**
 - Map Title: [text input]
 - Enter your name: [text input]
 - Print Format: PDF
 - Page Size: A4
 - Print Layout: Portrait (selected), Landscape
- Additions:**
 - Drawings
 - National Grid Lines
 - Add Legend

A 'Generate Print File' button is located at the bottom of the dialog. The background map shows a residential area with labels like 'Stables', 'Mere Pond', 'WATON STREET', and 'PW Sch'. A red arrow points from the text box above to the printer icon in the top toolbar of the application.

Task 6 – Take a look at your garden (or the area right next to where you live) and make a photo map

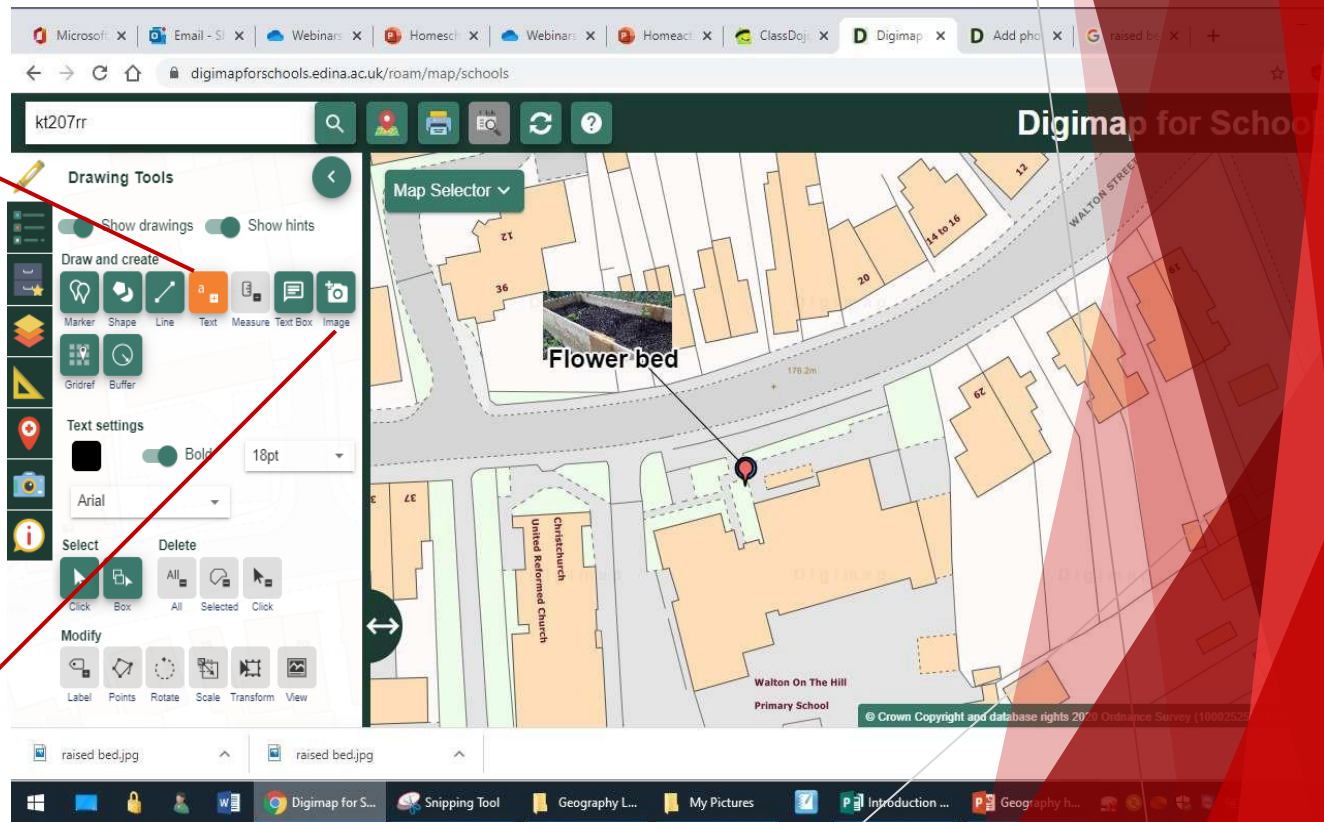
- ▶ Take lots of photos of things that are in your garden and save them on your computer.
- ▶ Open up Digimap for Schools. Zoom right in so you can see lots of details around the place where you live.



Task 6 – Take a look at your garden (or the area right next to where you live) and make a photo map

4. Use the writing tool to write a label

1. Select the camera icon
2. Point to where you want to put the picture
3. Upload your chosen picture.



Task 7 – Beyond Walton-on-the Hill!

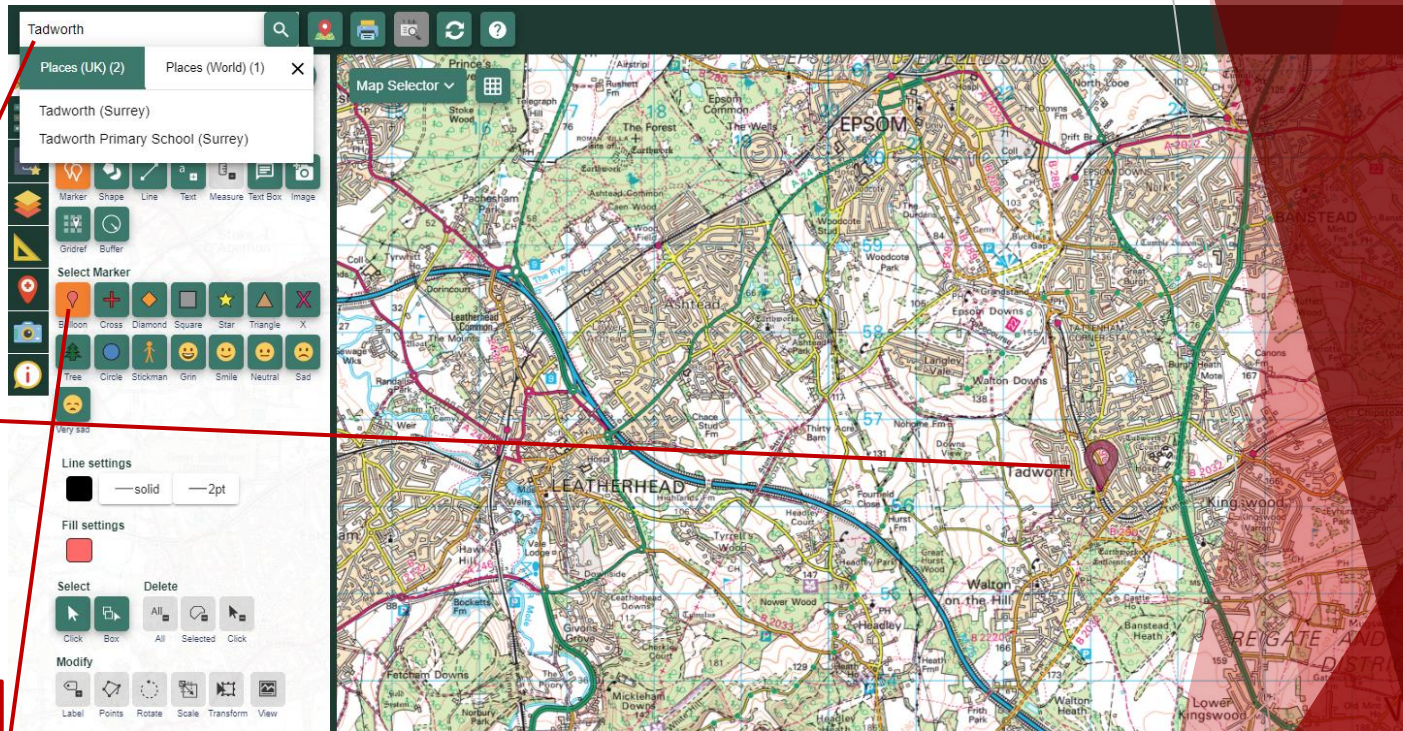
- ▶ Find these other towns in Surrey by using the symbols below. When you have marked them all on your map, zoom out to see where they all are in relation to one another.
- ▶ Can you describe where they are using words like North, south East and west?
- ▶ Can you zoom right out so you can see a map of Great Britain? Whereabouts in Great Britain are we?

Symbol	Place
	Tadworth
	Epsom
	Reigate
	Sutton
	Redhill
	Banstead

Task 7 – Beyond Walton-on-the-Hill

How to add symbols

1. Type in the place name you are searching for



2. A marker will come up. This will disappear.

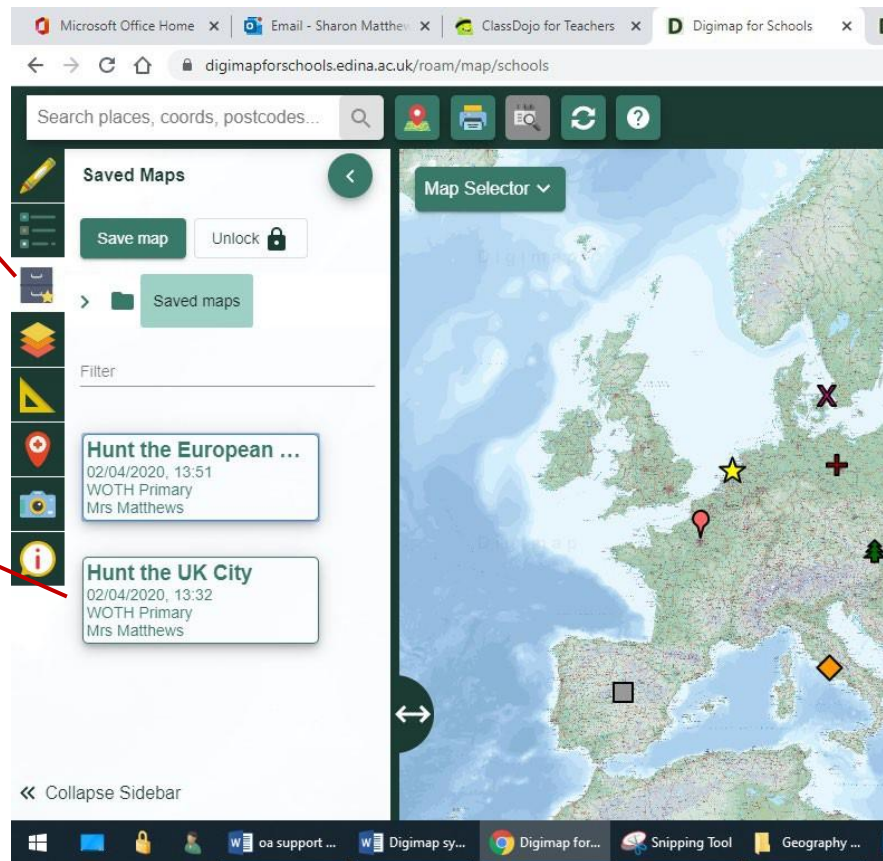
3. Choose the symbol you want to use by clicking on it, then clicking again on the map where you want it to go.

Task 8 – Hunt the United Kingdom city!









- ▶ Go to the folder of saved maps in digimaps and choose the map called Hunt the UK city
- ▶ Can you find out what each of the marked cities is called, and what part of the United Kingdom they are in? Complete the sheet which is on the next page.

1. Go to saved maps

2. Choose “Hunt the UK city”



Task 8 – Hunt the UK city!

Symbol	City	What part of the United Kingdom is it in?
		
		
		
		
		
		
		
		

Task 9 – Make your own Hunt the Place game!

- ▶ Most people have friends and family who live in other parts of the United Kingdom.
- ▶ Find out the towns and cities where at least 5 friends or family members live (who don't live in Surrey).
- ▶ Make a map using the Digimap symbols to mark where they live.
- ▶ Save your map if you would like to and get someone else in your family to guess where each place is that you have marked!
- ▶ The instructions for how to save your map are on the next page.

Task 9 – Hunt the Place

How to save your work

2. Call your map “Hunt the Place”
3. Type your year group
4. Type your name
5. Click Save

1. Click on
Saved Maps

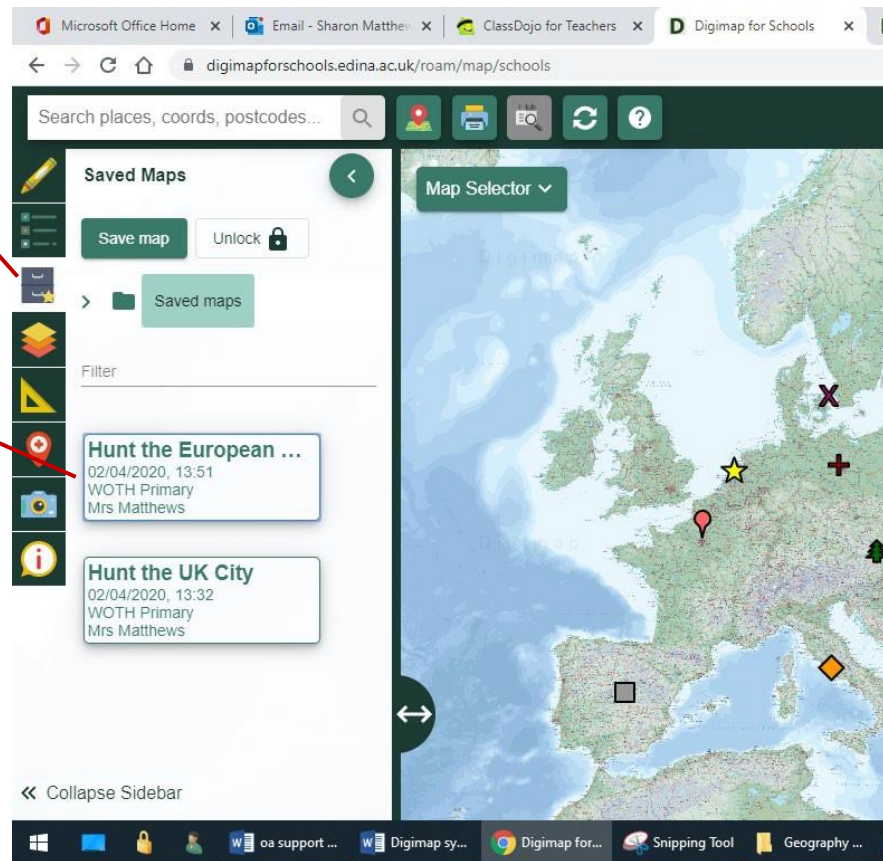
The screenshot shows the Digimap for Schools web application. The browser address bar displays 'digimapforschools.edina.ac.uk/roam/map/schools'. The interface includes a search bar at the top left, a 'Map Selector' dropdown, and a 'Save your map' dialog box. The dialog box has a title bar with a close button and contains the following fields: 'Destination folder' (with a dropdown menu showing 'Saved maps'), 'Map title *', 'Class name *', and 'Pupil name *'. Below these fields is a note: 'The data you have imported will also be saved with this map.' and two buttons: 'Cancel' and 'Save'. The background shows a map of the United Kingdom with a red location pin and a yellow diamond marker. The left sidebar contains a 'Saved Maps' section with a 'Save map' button, an 'Unlock' button, and a folder icon labeled 'Saved maps'. Below this is a 'Filter' section and two map thumbnails: 'Hunt the European ...' and 'Hunt the UK City', both dated '02/04/2020, 13:51' and attributed to 'WOTH Primary Mrs Matthews'. The bottom of the screen shows a Windows taskbar with various application icons.

Task 10 – Hunt the European city!










- ▶ Go to the folder of saved maps in digimaps and choose the map called Hunt the European city
- ▶ Can you find out what each of the marked cities is called, and which country they are in? Complete the sheet which is on the next page.

1. Go to saved maps

2. Choose “Hunt the European city”



Task 10 – Hunt the European city!

Symbol	City	Country
		
		
		
		
		
		
		
		
		

Task 11 – Find cities around the world

- ▶ Use the random cities generator tool (link below) to create the name of a capital city and its country.

[Random Capital cities](#)

- ▶ Use Digimaps to find the city and country and put a marker on it.
- ▶ If you want to save your map so we can see it, please feel free to do so!

Task 12 – Guess the location!

- ▶ This is fiendishly difficult, but if you are a geography expert, it is worth a try!
- ▶ Use the random cities generator tool (link below) to create the name of a capital city and its country.

[Random Capital cities](#)

- ▶ Zoom out on digimaps as far as it can go. Put a marker where you think the city is.
- ▶ Then use the search bar to put a marker where the city actually is.
- ▶ Measure the distance between your guess and the actual location using the measuring tool you used for Task 3. The aim is to get as close to the actual location as possible.
- ▶ Record it on the table on the next page.

Task 13 – Explore for yourself!

- ▶ Maps are wonderful! If you have enjoyed the activities in this pack, make up some map activities of your own and let me know if you think of a good one and I can share it with everyone else! You can email me on sharonmatthews@walton-on-the-hill.surrey.sch.uk.
- ▶ Alternatively, on the home page of Digimap for Schools, you will find a number of other ideas. This is being updated regularly so keep checking!

