

Digimap for Schools

Where do I go in a week?

Home range: the near and wider locality

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Geography teaching resource

Primary



This is one of a series of teaching resources for use with Digimap for Schools. For more details about this service, visit <http://digimapforschools.edina.ac.uk>

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Digimap for Schools Geography Resources

Title: Where do I go in a week?

Level	Context	Location
Primary	Home range: the near and wider locality	Home locality

Knowledge	Locating places using a map knowing that scale is used in maps to show different levels of information and that large scale maps show small areas, whilst small scale maps show large areas of land
Curriculum links (England)	Local area study, describe the location of features on a map, use geographical vocabulary
Curriculum links (Wales)	Knowledge and Understanding of the world: use and make simple maps, to find where places are and how places relate to other places Geography: use maps, and ICT to find and present locational information
Scottish Curriculum for Excellence	Social Studies Outcomes: People, Place and Environment 1-07a, 2-07a, 2-10a, 1-14a, 2-14a

Activity

Pupils make a sketch map of places they usually go to in their everyday lives during the course of a week. Then, ordering these by distance from their home they try to locate them on a map starting with a large scale map and then zooming out gradually until all the places have been found.

Introduction

There are regular places that we might visit during the course of a week. For pupils this will include school and possible other places such as: after school clubs; informal play spaces; friends' houses; parks; doctor's surgery; shops; relatives' houses, and places of worship. Pupils of this age will not have a great home range on their own but may visit places further away in the company of their parents or other relatives.

Task pupils to use the zoom tool to develop their awareness of how maps at different scales work.

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Main activity

1. Tell pupils about places you might have been to in a typical week from your home. Include obvious examples such as going to school, visiting the local or more distant shops, going for a walk, visiting friends and family and so on. Name the places you have visited.

- Ask pupils to do a quick sketch diagram to show the places they usually visit.
- Share some of the pupils' ideas and discuss which trips were made on foot, which by car, bus, train or other forms of transport.



Nearest to/furthest from my home

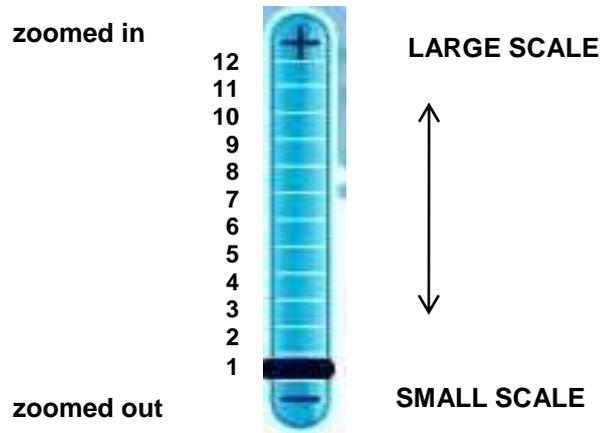
Joshua's house
Jungle way home
Doctors
Beach
Shop
Park
School

2. Use pupils' drawn maps to discuss which places are nearest to them and ask if they can order them from nearest to furthest from their home.

- Explain that they are going to investigate how far they will have to zoom out on a map from their home view to be able to see all of the places they have mentioned on the screen.
- Model using the scale tool to zoom in and out on the map and count the levels as you do this.

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There are twelve levels of zoom. Level 1 is when you are zoomed out as far as you can go (you will see the outline of Great Britain). Level 12 is when you are as close as you can get.

- Let pupils practise counting the Levels from 1–12, starting from a ‘zoomed’ out view. Remember to count the level you start on as number 1 if preparing to zoom in and from number 12 if preparing to zoom out.
1. Ask the pupils to open a Digimap for Schools map and enter their home postcode to show where they live. Let them find their home and centre the map to show this.
 - **Without moving the map anymore (and without making the map fill the screen)**, ask them to practise zooming in and out as far as possible at this location.
 2. Now ask them to zoom right in to Level 12. Hand out the worksheet for them to write down the places drawn on their sketch map that they can find **without moving the map**.
 - They should just search what they can see and tick off any places in that window.
 - Zoom out one level to Level 11 and search again.
 - Write down any new places you have found on the worksheet. Keep going one level at a time until all of the places drawn in your sketch map have been found.
 3. Discuss with children what they have found out and use the term ‘scale’ when you talk about ‘zooming in and out’. For example:
 - How far did they need to zoom out before you found all of your places?
 - Who needed to ‘zoom’ out the most?
 - At which level of scale did they find most of the places? Was this the same for everyone?
 - At which level of scale were local shops and supermarkets?
 - Where were most of their play areas found?

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- At which level were places they walked to?
- At which level were places they drove to?

Encourage pupils to offer explanations for their findings.

Taking it further

- Watch 'Zoom' by Istvan Banyai, a short film that helps explain scale in a visual way.
- Ask pupils to add markers to their map to show the places they visit regularly. They could use different markers to show different kinds of places for example, shops, homes, schools, play areas and so on.
- Gather together a range of addressed envelopes with real addresses in the near and wider locality. Give these out to pairs of children and ask them to zoom in on the postcode and then to zoom out gradually, trying to identify each level of the address as they go.

Web links

- *Zoom* by Istvan Banyai www.youtube.com/watch?v=tyla9p-pteU (or use the *Zoom* book).
- Use www.safeshare.tv to format Youtube links for watching in schools.
- Game based on the *Zoom* book <http://wilderdom.com/games/descriptions/Zoom.html>

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Where do I go in a week?

Name _____ My postcode _____

You will need your drawn picture showing the places you usually visit:

- Use your postcode to search the map.
- Zoom in as far as you can. This is Level 12.
- Write down all of the places that you can find at this view that you have drawn on your map.
- Zoom out one level using the zoom tool and look again – what can you see now?
- As you find your places on the map, you could tick them off your drawing.

Zoom level		My places
12	+	My home
11		
10		
9		
8		
7		
6		
5		
4		
3		
2		
1	-	