

Place and People: On the Map

Programme 1: Points of View – The Function of Maps

A Before viewing

1. Using an atlas – Where is Exeter?

- a) Cut out the labels and stick them on to the United Kingdom outline map provided on the next page.
- b) On the spare label, write the name of the place where you live.

ENGLAND	SCOTLAND	NORTHERN IRELAND	WALES	Exeter	London
Edinburgh	Cardiff	Belfast	Birmingham	Manchester	Liverpool
Bristol	Nottingham	Norwich	Newcastle-upon-Tyne	Sheffield	Leeds
Glasgow	Plymouth	NORTH SEA	IRISH SEA	ENGLISH CHANNEL	

- c) Work in pairs. Three different types of print are used on the labels. What is the classification for these based on?

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- d) Use an atlas to answer the following questions:

(i) In which country in the United Kingdom is Exeter located?

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(ii) Using compass directions, describe Exeter's location.

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(iii) Which county is Exeter in?

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(iv) Exeter is located close to the coast. What is the name of the body of water it is found on?

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- e) Put this information together to write a paragraph describing Exeter's location. You can add in extra information from the atlas if you wish. Choose a suitable heading.

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Completed map of the United Kingdom



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2. Internet enquiry activity – What is the Ordnance Survey?

Investigate the following website to help you to find out all about the Ordnance Survey:

<http://www.ordsvy.gov.uk/home/index.html>

From the Home Page menu choose: 'About us', then 'Our history'. You can print out text and images to use as part of your work.

3. Vocabulary bank

Find out the meaning of the following words:

city	
map	
route	
navigate	
aerial	
directions	
orientate	
peninsula	
scale	
Azimuthal Projection	
Peters Projection	
Mercator's Projection	

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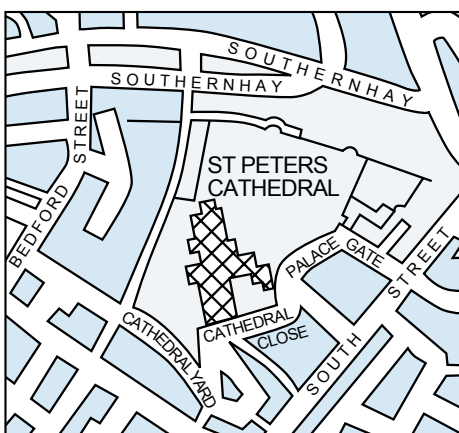
B During viewing

Pupils will need a copy of the 1: 25 000 OS map extract of Exeter and 1: 25 000 key to refer to throughout the programme. These can be found on the 'On the Map' home page. Pupils should be encouraged to follow the route taken by Julia during the programme.

Pause when the aerial image below is on screen – when the narrator says: 'The higher we go, the more we can see, and the better we can understand where we are.' [04'06"]

1. Below is an aerial photograph and a street map of the area around St Peter's Cathedral in Exeter. Use the map to label the following features onto the photograph:

- St Peter's Cathedral
- Southernhay
- South Street
- Cathedral Yard
- Bedford Street



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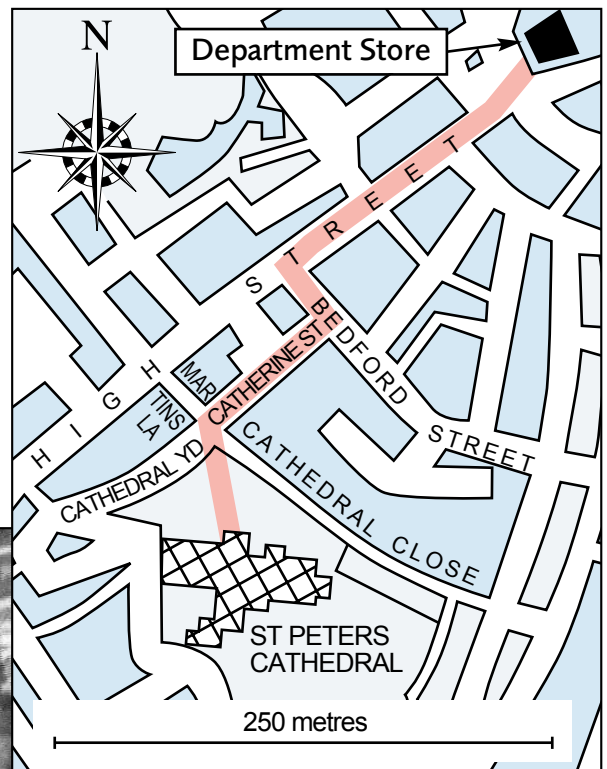
Pause when Julia says: 'So then all I have to do is carry on straight up this road and I'm there.' [06'28"]

2. The sketch map below shows Julia's route from the cathedral to the department store.

(a) Write a description of the route by filling in the missing words below:

After leaving the cathedral, Julia walks down a path to join the road at the junction of four roads: Cathedral Yard, Cathedral Close, Martins Lane and Catherine Street. She then walks in a northeasterly direction along Catherine Street. At the T-junction she turns left into Bedford Street. She then turns into High Street and walks in a northeasterly direction until she reaches the department store.

(b) The aerial photograph shown here is orientated in a different direction to the map. Work out where north is on the photograph and draw in an arrow to show it.



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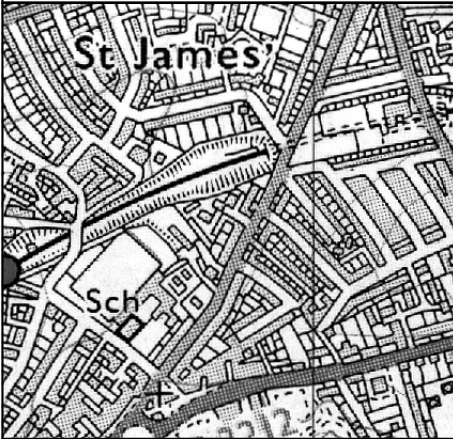

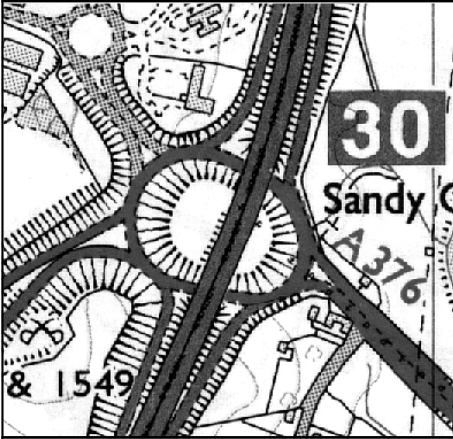

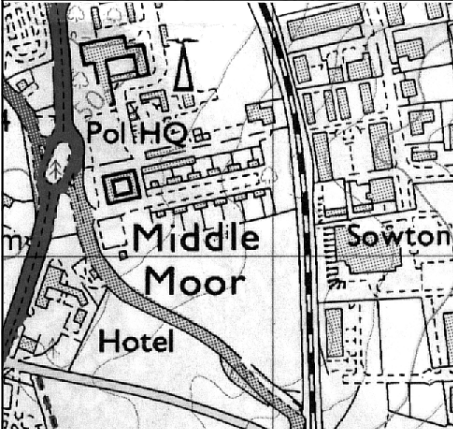

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Pause when each of the three aerial views shown below appear on screen.

3. The three map extracts and aerial photographs below show places Julia flies over in her hot-air balloon.

(a) Find each location on your 1: 25 000 map extract of Exeter as the balloon flies over.

(b) Write a brief description of where in the Exeter area each place is located. After the programme, compare different ways of describing locations on maps.

1: 25 000 map extract	Aerial photograph	Description of the location
 <p>Map extract showing the area around St James, including a school (Sch) and residential streets.</p>	 <p>Aerial photograph showing a residential area with a large open space, possibly a school or park, and surrounding buildings.</p>	<p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>
 <p>Map extract showing a roundabout and road junction, labeled '30 Sandy Cross' and 'A376'.</p>	 <p>Aerial photograph showing a large roundabout and road junction with multiple lanes and surrounding greenery.</p>	<p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>
 <p>Map extract showing a large open area labeled 'Middle Moor' and 'Hotel', with a 'Police HQ' nearby.</p>	 <p>Aerial photograph showing a large open field or park area with trees and a road running alongside it.</p>	<p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>

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2. As Julia rose higher and higher in her hot-air balloon she was able to see cities, countries, continents and finally the world! Use an atlas to find maps of the places she saw. You will find the contents page on the atlas helpful. Fill in the missing information in the table below.

Place	Page number	Map title	Scale (e.g. 1: 1 000 000)
SW peninsula of England			
British Isles			
Europe			
Continent of Africa			
The world			



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3. The maps below show three different projections of the Earth:

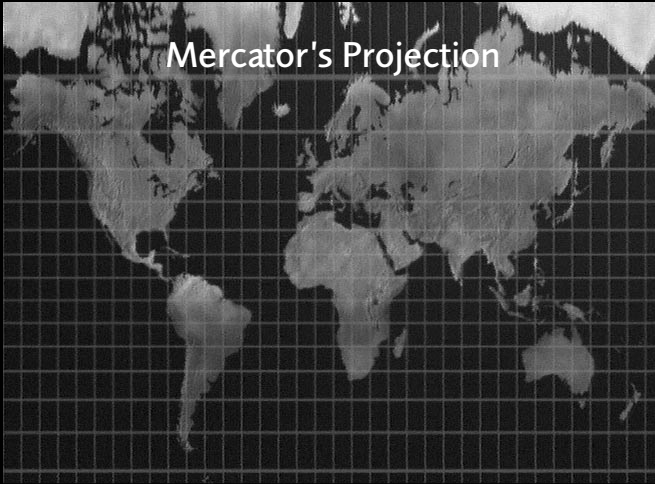
- Mercator's Projection
- Peters Projection
- Azimuthal Projection

But which is which?

(a) Add the correct title to each map.

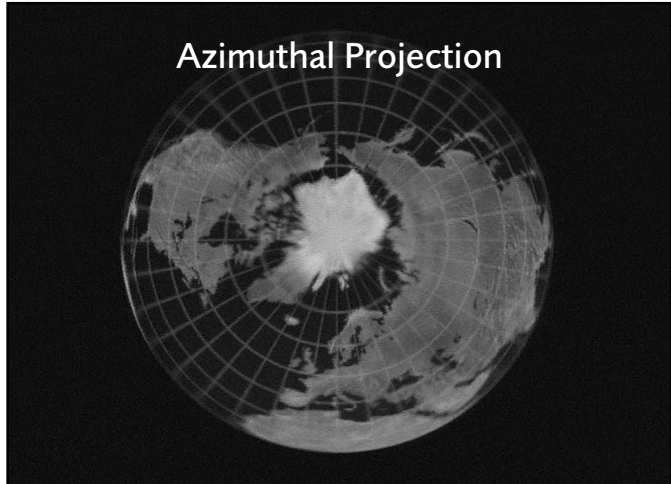
(b) Find an example of each projection in your atlas and write down the page number.

For an online tutorial on map projections try:
<http://www.webcom.com/bright/table.html>



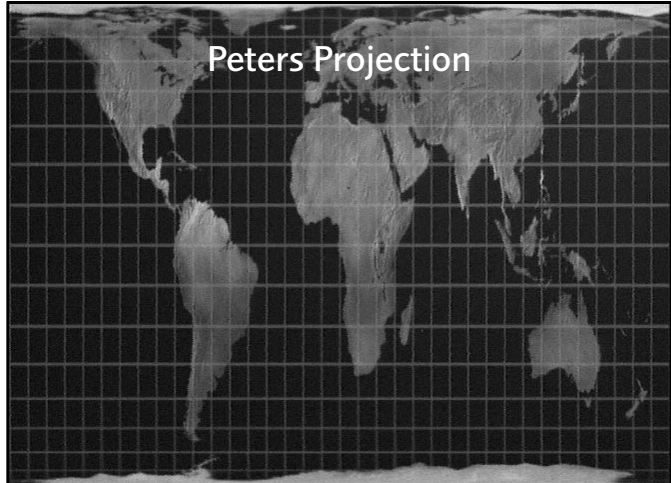
Mercator's Projection

..... Projection.
 Shown on page of the atlas.



Azimuthal Projection

..... Projection.
 Shown on page of the atlas.



Peters Projection

..... Projection.
 Shown on page of the atlas.