

## Teachers' notes

## Settlement

## Suggested activities

## Learning outcomes

By the end of the unit students should be able to:

- know that a settlement is a place where people live
- recognise that there are different sizes of settlements in Northern Ireland
- recognise that Northern Ireland has a pepper pot pattern of settlement in rural areas
- know what is meant by the terms 'urban' and 'rural'
- understand that there are a range of reasons settlements become established
- understand what is meant by the site of a settlement
- understand what is meant by the term 'situation' in relation to a settlement and its surrounding area
- identify site location factors and understand that they may not be as important now as in the past
- recognise that each settlement serves a range of purposes or functions which have changed through time
- learn the location of different-sized settlements in Northern Ireland
- recognise that settlements can be categorised into a settlement hierarchy based upon a range of measures including population, size and services.

Students will develop an understanding of the causes and effects of changing settlement and population patterns in Northern Ireland - ie:

- change of land use for urban residential development [*Key Element: Economic Awareness*]
- changing economic trends affecting settlement patterns [*Key Element: Economic Awareness*]
- the effects of increased settlement densities on services such as landfill and water treatment and the consequent pollution of surrounding areas [*Key Elements: Education for Sustainable Development, Personal Health*]
- increase in the promotion of recycling [*Key Elements: Education for Sustainable Development, Personal Health*]
- increase in the need for sustainable housing [*Key Elements: Education for Sustainable Development, Personal Health*]
- the effect of climate change on settlement patterns [*Key Elements: Education for Sustainable Development, Economic Awareness*].

Section/resource	Learning outcome	Activities to achieve learning outcome
<b>Clip 1: What is a settlement?</b>	<ul style="list-style-type: none"> <li>• Know that a settlement is a place where people live</li> <li>• Recognise that there are different sizes of settlement in Northern Ireland</li> <li>• Understand that Northern Ireland has a very special rural settlement pattern</li> <li>• Know what is meant by the terms 'urban' and 'rural'</li> </ul>	<ul style="list-style-type: none"> <li>• Discuss the different characteristics of settlement areas within a 10 mile radius</li> <li>• Discuss how settlement patterns in the local area have changed over the last 25 years and investigate the reasons - ie changes in industry</li> </ul> <p><b>Related resources:</b></p> <ul style="list-style-type: none"> <li>• <i>Rural Land Use clip</i></li> <li>• <i>Urban Land Use clip</i></li> <li>• <i>News clip: Sion Mills 1, 2</i></li> <li>• <i>News clip: Green homes</i></li> </ul>

<p><b>Clip 2: Function of settlements</b></p>	<ul style="list-style-type: none"> <li>Understand that there were a range of considerations that allowed for settlements to become established in the past</li> <li>Recognise that each settlement serves a range of purposes or functions which have changed through time</li> <li>Learn the location of different-sized settlements in Northern Ireland</li> </ul>	<ul style="list-style-type: none"> <li>Using a map of Northern Ireland, ask the class to locate the settlements shown in the clip</li> <li>Draw up a list of ten local settlements and classify their functions. Determine whether these functions have changed through time and discuss reasons for the change</li> </ul> <p><b>Related resources:</b></p> <ul style="list-style-type: none"> <li><i>Coasts: Tourism &amp; Human Interaction clip</i></li> <li><i>News clip: Sion Mills 1, 2</i></li> </ul>
<p><b>Clip 3 Settlement hierarchy</b></p>	<ul style="list-style-type: none"> <li>Recognise that settlements can be categorised into a settlement hierarchy based upon a range of measures including population, size and services</li> <li>Learn the location of different-sized settlements in Northern Ireland</li> </ul>	<ul style="list-style-type: none"> <li>Using a map of Northern Ireland, ask the class to locate the settlements shown in the clip</li> <li>Using the list of ten settlements from the previous activity, identify size, population and services of each settlement and classify them in a hierarchy. The Northern Ireland Statistics Agency has useful facts and figures <a href="http://www.ninis.nisra.gov.uk">www.ninis.nisra.gov.uk</a></li> </ul> <p><b>Related resources:</b></p> <ul style="list-style-type: none"> <li><i>News clip: Retail outlets in Lisburn</i></li> <li><i>News clip: Recycling</i></li> <li><i>News clip: Landfill pollution</i></li> <li><i>News clip: Slurry pollution</i></li> </ul>
<p><b>Clip 4: The site and situation of different settlements</b></p>	<ul style="list-style-type: none"> <li>Understand that there were a range of considerations that allowed for settlements to become established in the past</li> <li>Understand what is meant by the 'site' of a settlement</li> <li>Understand what is meant by the term 'situation' in relation to a settlement and its surrounding area</li> <li>Learn the location of different-sized settlements in Northern Ireland</li> </ul>	<ul style="list-style-type: none"> <li>Using a map of Northern Ireland, ask the class to locate the settlements shown in the clip</li> <li>Using the list of ten settlements from the previous activity, determine the site factors of each settlement</li> </ul> <p><b>Related resources</b></p> <ul style="list-style-type: none"> <li><i>News clip: Toome Bypass 1, 2, 3</i></li> <li><i>News clip: River Strule floods</i></li> <li><i>News clip: Climate change</i></li> </ul>
<p><b>Clip 5: Belfast - past &amp; present</b></p>	<ul style="list-style-type: none"> <li>Understand that there were a range of considerations that allowed for settlements to become established in the past</li> <li>Recognise that some of the previous site location factors are not as important now as they were in the past</li> <li>Recognise that each settlement serves a range of purposes or functions which have changed through time</li> </ul>	<ul style="list-style-type: none"> <li>Using census figures, select different districts of Belfast and draw graphs to show the changing population over time</li> <li>Ask the pupils to research reasons for any large fluctuations in population numbers</li> </ul> <p><b>Related resources</b></p> <ul style="list-style-type: none"> <li><i>Land Use &amp; Economic Activity: Urban land use clip</i></li> <li><i>Land Use &amp; Economic Activity: Changing economic activity clip</i></li> <li><i>News clip: Titanic theme park</i></li> <li><i>News clip: Harland &amp; Wolff</i></li> </ul>
<p><b>News clip: Toome Bypass 1, 2, 3</b></p>	<ul style="list-style-type: none"> <li>The effects of increased settlement densities on services</li> <li>Understand what is meant by the term 'situation' in relation to a settlement and its surrounding area</li> </ul>	<ul style="list-style-type: none"> <li>Discuss how changes in settlement are related to changes in transport needs</li> <li>Using a map of Northern Ireland, identify key transport links and the size of settlements around them</li> <li>Identify how far away each pupil lives and their method of travel into school</li> </ul>

<p><b>News clip: Climate Change / River Strule floods</b></p>	<ul style="list-style-type: none"> <li>Recognise that some of the previous site location factors are not as important now as they were in the past</li> <li>The effect of climate change on settlement patterns</li> </ul>	<ul style="list-style-type: none"> <li>Discuss the predicted effects of climate change. How would this affect settlement in Belfast?</li> <li>Investigate ways of protecting existing settlements from rising sea levels</li> </ul>
<p><b>News clip: Harland &amp; Wolff / Titanic theme park</b></p>	<ul style="list-style-type: none"> <li>Changing economic trends affecting settlement patterns</li> </ul>	<ul style="list-style-type: none"> <li>Discuss the effects of economic trends on settlement patterns ie the closure of primary and secondary industries and the increase in tertiary industries</li> <li>Investigate the effect of the rise and fall of Harland and Wolff on the settlement patterns in and around East Belfast</li> </ul>
<p><b>News clip: Plastic Recycling / Landfill / Slurry pollution</b></p>	<ul style="list-style-type: none"> <li>The effects of increased settlement densities on services such as landfill and water treatment and the consequent pollution of surrounding areas</li> </ul>	<ul style="list-style-type: none"> <li>Discuss how the increase in population increases the demand on services</li> <li>Discuss the pros and cons of recycling waste</li> <li>Ask the class to keep a rubbish diary for a week. Ask them to find out ways of reducing their waste and to create posters promoting these methods</li> </ul>
<p><b>News clip: Sion Mills 1, 2</b></p>	<ul style="list-style-type: none"> <li>Recognise that some of the previous site location factors are not as important now as they were in the past</li> <li>Recognise that each settlement serves a range of purposes or functions which have changed through time</li> </ul>	<ul style="list-style-type: none"> <li>Discuss the importance of industry within a settlement and how changes in industry affect changes in settlement patterns</li> <li>Many settlements' original industrial function has ceased. Make a list of local towns in the county and identify which grew up around an industrial function Research the number that have retained this function and outline reasons for this change</li> </ul>
<p><b>News clip: Retail outlets in Lisburn</b></p>	<ul style="list-style-type: none"> <li>Recognise that settlements can be categorised into a settlement hierarchy based upon a range of measures including population, size and services</li> <li>The effects of increased settlement densities on services</li> <li>Changing economic trends affecting settlement patterns</li> </ul>	<ul style="list-style-type: none"> <li>Discuss the effect of the new phenomenon of 'out-of-town' retailing on settlement patterns and services</li> <li>Traders in Lisburn and Belfast were against the building of the store at Sprucefield. See the BBC News Story for more details: <a href="http://news.bbc.co.uk/1/hi/northern_ireland/4375791.stm">http://news.bbc.co.uk/1/hi/northern_ireland/4375791.stm</a> Divide the class into groups representing the different interested parties. Conduct a debate on where to site the store</li> </ul>
<p><b>News clip: Green homes</b></p>	<ul style="list-style-type: none"> <li>Increase in the need for sustainable housing</li> </ul>	<ul style="list-style-type: none"> <li>Discuss the need for sustainable housing</li> <li>After watching the clip, ask the pupils to draw up a list of all the elements in the house that make it sustainable</li> <li>Ask the pupils to compare their own houses to those in the clip and then draw up a list of ways to make their own home more sustainable</li> </ul>
<p><b>Quiz</b></p>	<ul style="list-style-type: none"> <li>Revision of settlement learning outcomes</li> </ul>	<ul style="list-style-type: none"> <li>The quiz contains questions on all the subjects featured in the resource. These act as a useful revision aid at the end of the module</li> </ul>