



Topic Overview

Faculty/Subject: Geography

Year Group: 8

Topic: Sustainable Cities



<p>What BIG IDEAS will you cover in this topic?</p> <p>The focus will be on how cities are growing in size and scale and what problems can come with this. Students will then focus on the solutions to these growing urban challenges.</p> <p>Students will gain an understanding of what sustainability means as it is an important concept within geography which underpins other topics such as climate change.</p>	<p>What other <u>key concepts, knowledge and skills</u> will you learn in this topic?</p> <p>Students will also learn about renewable energy in preparation for a decision making exercise in year 9 where they will learn about a wind farm in the local area.</p> <p>Students will gain an understanding of the various ways cities can be more sustainable such as through transport, renewable energy and housing.</p>
<p>What important <u>prior knowledge</u> will you use from your prior learning?</p> <p>Students will use their understanding of urban and rural from year 7 to understand where in the world these changes are taking place. They will also draw on their understanding from primary school of place such as the names of various settlement types.</p> <p>Where does this topic fit into the <u>curriculum plan</u> for this subject?</p> <p>This is the first topic that students will study in year 8. It is a human geography topic with links to urbanisation, population and borders which they will learn about in year 9.</p>	<p>Assessment:</p> <p>How and when will you be assessed on this topic? What will the success criteria be?</p> <p>Mini assessment - students will complete a small 10 question assessment with a mix of multiple choice and written questions assessing knowledge from the first half of the topic</p> <p>Written task - students will complete a written task on BEDZED as an example of a sustainable housing development. This will help prepare them for their end of topic assessment and future assessments with written questions.</p> <p>End of topic assessment - this will draw on the knowledge and skills which students have gained from the topic.</p> <p>Assessed knowledge will include:</p> <ul style="list-style-type: none"> ● Settlement hierarchy ● Megacities ● Urban challenges ● Sustainable cities ● Renewable energy, transport and housing ● Challenges to sustainability
<p>What is the key <u>vocabulary</u> that you will need to know in this topic?</p> <p>Sustainable Megacity Hamlet Challenges Renewable Fossil fuel Transport</p>	<p>What is the structure of learning/ lessons in this topic?</p> <ol style="list-style-type: none"> 1. What makes a city? 2. Megacities 3. Urban challenges 4. What is a sustainable city? 5. Transport and sustainable mobility 6. Renewable energy 7. Housing and energy use 8. Example cities 9. City research task 10. Challenges to being sustainable