

# Biosphere 2020

## About the Module

Students are presented with the challenge of carrying out a comparison of two towns in order to select one for preservation from destruction from pollution. The chosen town will be preserved under a biosphere, protecting it and preserving it for posterity.



Students will carry out detailed research, collecting information about the towns' infrastructure, history and future potential. The two towns will then be compared and evaluated and a decision will be made as to which is most worthy of preservation. They will use ICT to create a poster which promotes the town chosen, whilst keeping its actual identity top secret.

## Key Vocabulary

Map, data, accuracy, text, image, layout, font, text effect, title, caption, audience, background, location, route, network, distance, direction, grid reference, settlement type, economic activity, landscape, leisure, seaside resort, land-use, traffic, compass, primary, secondary, tertiary, similarities, differences.

## Desired Learning Outcomes

During this module students will learn to:

- Follow a designated route around a town;
- Collect accurate data;
- Understand the importance of precision when collecting and communicating data;
- Create a report in the style of a map using Microsoft PowerPoint;
- Collect appropriate resources;
- Insert text and images;
- Format text appropriately for the purpose and audience;
- Manipulate images to prepare for use;
- Consider the audience when selecting material to include;
- Structure a reasoned explanation using text and images.

## Curriculum Links

<b>NC Geography</b> Geographical enquiry skills 1abc 2abcdef	<b>NC ICT</b> Finding things out 1bc Developing ideas and making
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<p>Knowledge and understanding of places 3abcdefg  Knowledge and understanding of environmental change and sustainable development 5ab  Breadth of study 6ad</p> <p><b>QCA Geography</b>  KS2 Unit 13 A contrasting UK locality  KS3 Unit 1 Making connections</p>	<p>things happen 2a  Exchanging and sharing information 3abc  Reviewing, modifying and evaluating work as it progresses 4ac</p> <p><b>QCA ICT</b>  KS2 4A Writing for different audiences  KS3 Unit 3 Processing text and images</p>
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**Expectations**

The students will create a coded report in the style of a map which demonstrates their knowledge of the town and their understanding of the confidentiality of the situation.