

LESSON PLAN

Name:

Date:

Group and number of participants: **School or Community Groups. Up to 30.**

Time Available: (up to 1 hour)

Focus of Lesson:

Looking at the importance of aerial photography of sites in research to show how places change and how to target and locate sites.

LEARNING OBJECTIVE (LO): I can use aerial images for research



Group's previous knowledge and experience

They should be aware of aerial images; this knowledge can be recapped in the introduction. They need to be reminded of the purpose of the research and how looking at aerial images is going to assist in an archaeological project.

SUCCESS CRITERIA (SC)

The group will (know/be able to):

1. Understand how aerial images are collected
2. Use aerial images to identify historical sites
3. Use aerial images to look at how places develop over time

LESSON PLAN

Outline of lesson	Resources (including ICT)
<p><u>Introduction</u> (10mins)</p> <p>Starter- Teacher picks relevant place – class has 20 questions to discover who or what it is. This activity will teach the importance of using aerial photos in the research of a specific area at a specific time.</p> <p>Students can learn to recognise landmarks and discuss how and why an area changes.</p>	<p>Resources; Screen and PowerPoint slides.</p>
<p><u>Development</u> (40mins)</p> <p>Group divided into pairs or threes. The groups are given sets of aerial images. The set of images are different, and comparisons should be made between these.</p> <p>Each group is given a worksheet to complete. This helps them to identify specific features on the aerial images, draw comparisons and spot differences.</p>	<p>Resources; Screen and PowerPoint slides, aerial images; copied to a large scale (onto A3), worksheets.</p>
<p><u>Conclusion</u> (10mins)</p> <p>What have you learnt about these places by looking at the aerial images?</p> <p>If you could choose a place to excavate on this site where would it be? Why?</p> <p>Why do you think that archaeologists use aerial images before beginning excavations?</p>	

LESSON PLAN

Supporting notes;

Archaeologists use a range of techniques to investigate an area before they excavate. As much information as possible is collected to provide archaeologists with specific knowledge and a more detailed picture of a site. They will look at maps, illustrations, photos, documents and books and often talk to people local to the area. Any other archaeological work carried out in the area is also looked at. Maps and photos are particularly useful when there is nothing left to see on the ground.

During the lesson the students can be guided in looking for buildings and features which are no longer present. Pupils should be shown the modern aerial images in order for them to become familiar with what the areas in question look like now. Specific buildings and places, such as churches, roads, buildings and fields can be identified and compared. Place names are also useful and may also indicate what used to be there.

Worksheet Answers:

Write down three features you can see on these images that are persistent:

1. Buildings on top of the hill to the middle left of images
2. L-shaped building in the top right of images
3. Roads around the camp
4. The sand dunes in top middle
5. Still fields
6. Any other CORRECT answer

Write down three differences you can see on these images:

1. Some tracks/paths disappeared
2. Some buildings gone
3. Work/construction development in the top left
4. Some pits dug towards the left of the image
5. Edge of land changed shape around the waters edge bottom right
6. Any other CORRECT answer

How many buildings in the camp can you see in each image? Why might this have changed?

- Firstly changed due to the building and development of the camp
- Changed again as the buildings were demolished to get rid of the camp and hide evidence
- Any other CORRECT answer

How was this area developed for its purpose?

- Buildings surrounding the camp to prevent prisoners escaping
- Right next to the sea to deter escape attempts
- At the bottom of a hill so when stood on the top of the hill the camp can be observed
- Any other CORRECT answer

How do you think the area should be used now? Can you guess what it is currently used for?

- Any appropriate answer
- It is now a campsite

Worksheet:
Looking at aerial images

As time goes by, places change.
More buildings are built, and some old buildings disappear.

Look at the images.

Write down three features you can see on these images that are persistent:

1. _____
2. _____
3. _____

Write down three differences you can see on these images:

1. _____
2. _____
3. _____

How many buildings in the camp can you see in each image? Why might this have changed?

How was this area developed for its purpose?

How do you think the area should be used now? Can you guess what it is currently used for?
