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# Samsung

## Digital Discovery Centre

### Key Stage 2

## Science investigators

#### About this session

This session takes place in the Samsung Digital Discovery Centre. It uses object handling, tablets and an interactive eboard activity to introduce scientific techniques that Museum scientists use to investigate ancient Greek and Egyptian objects and uncover their hidden surprises.

#### Session outline

- The session begins with the students working in small groups with handling objects for a activity in which they are encouraged to think about what they can see from the objects and what functions and origins they think the objects had
- After feeding back to the class on the objects, the students are asked to suggest other ways in which more could be learnt about the objects
- The students are introduced to the work done at the British Museum within the World Conservation and Exhibitions Centre to help us learn more about our collection
- Students then work in groups of 3 on tablets to investigate some of the objects in the Museum collections and what techniques that have been used to examine them. They complete a quiz on mobile phones on what they are learning.
- Students create an information poster on tablets to communicate what they've learnt to their class mates.

**Key themes:** Scientific techniques, scientific findings

**Key vocabulary:** Scanning electron microscope, Radiography (i.e. Xray), X-ray computed tomography (CT scan), Infrared, Chemical analysis

#### Preparing for your session

- You might like to discuss the key vocabulary before the session.
- Discuss what tools can be used to research and investigate topics.

### **Galleries with related objects**

Room 4: Bastet cat sculpture

Room 14: Amphora

Room 18: Parthenon Sculptures

Room 62-63: Mummies

### **Curriculum links**

STEM

For more information, visit [britishmuseum.org/samsungcentre](https://britishmuseum.org/samsungcentre)  
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