

Measuring a colossal arm without using any equipment

This activity uses a colossal arm in the Egyptian Sculpture gallery and poses the question 'how big was the statue that this arm came from?' Using a unit of measurement that they choose (fist, foot, spread hand) and measuring a persons arm and their size they can obtain a ratio and therefore work out how big the statue would have been. Extensions will be 'how big seated and would it fit in the room its in?' This activity is located in Room 4, the Egyptian Sculpture gallery.



Egyptian Colossus

Activity

- Using no equipment at all but using your own unit of measurement, measure the colossal arm.
- Now try to work out how tall the statue was that arm came from.
- If you finish this how high was the statue have been if it was seated?
- What size would his legs have been and how big was his head?

Tip

Is there any comparison that you can use? Think ratios

Egyptian Colossus clue

Using a unit of measurement that you choose (fist, foot, spread hand) and measuring a persons arm and their size you can obtain a ratio and therefore work out how big the statue would have been.

