

### Notes for teachers

#### About this session

In groups, students rotate through up to ten activities in different galleries applying a variety of mathematical concepts to unfamiliar challenges. This is a self-led session. Resource packs are collected on the day from the Ford Young Visitor Centre.

**Location** museum galleries, all galleries are fully accessible

**Format** up to 10 different activities, students work in small groups and rotate between activities

**Capacity** challenges are suitable for up to 70 students a day

**Duration** approximately 15 minutes per activity

**Material** students need to bring pencils and paper. Adult helpers can use the support notes that will be provided upon booking your session.

**Price** Free

#### Key skills

- Communication
- Mathematical reasoning
- Selection and application of prior knowledge
- Justification of knowledge

#### Mathematical content

- Measures
- Proportions
- Transformations
- Dynamic geometry
- Diagrams

#### Links to the real world

- Identifying the use of mathematics outside the classroom
- Application of knowledge to unfamiliar situations
- Experience the historical content of mathematics

#### Follow up activities

- Given the size of the objects, how are they brought into the museum?
- How could you record the number of visitors to the museum?
- Is it possible to visit each gallery only once on a tour of the museum?

#### Find out more

- Sessions for [KS3 and KS4](#)
- Take a look at the galleries with [Google Street View](#)