

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 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- Experience the historical content of mathematics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

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