



Mathematical Mayhem at the Palace – KS1 (Maths Mayhem)

Teacher Notes

Length: 60 minutes

Meeting point:

Your presenter will meet you in Clock Court beside the sign to the kitchens. Please arrive at least five minutes before your session is due to begin.

About the session:

This session is specifically designed to encourage problem solving and mathematical thinking within a historical context. The session will focus on the Tudor part of the palace with particular focus on Number, Geometry and Measurement.

Led by a costumed presenter, pupils will have the opportunity to study parts of the palace to understand how the Tudors designed buildings. Henry VIII is going to extend the palace again! Henry now needs extra kitchen space so his cooks can make more food for all of his guests. By looking at the patterns, shapes and measurements highlighted in the brick work, pupils will be encouraged to work in small groups to consider what would be the best design for a new wall to extend the Tudor palace.

This session is based partly on route and partly in the classroom.

New National Curriculum links at KS1:

Maths

- ☐ Number (addition, subtraction, multiplication, division)
- ☐ Number (fractions)
- ☐ Measurement
- ☐ Geometry (properties of

shape) History

- ☐ A study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066;
- ☐ A local history study;
- ☐ Develop the appropriate use of historical

terms. English

- ☐ Articulate and justify answers, arguments and opinions;
- ☐ Use of Spoken language to develop understanding through speculating, hypothesising, imagining and exploring idea.

Historic Royal Palaces Hampton Court Palace

During your session:

Please note that the 1:5 staff to pupil ratio (KS1) which we ask for throughout your visit to Hampton Court Palace still applies during your teaching session. We ask that sufficient adults remain with the group as they will be encouraged to join in with the session activities. Our workshops are designed for a health and safety maximum of x35 pupils per session. For your information this session will take place partly on route and partly in a classroom within the palace.

