

Windmill Tour Session Plan for Key Stage 3 students

The teacher **must** make a prior visit to the Windmill so that a risk assessment can be prepared, and details of the visit agreed. The following should be regarded as a guideline to be discussed during this pre-visit.

Approximate time for tour: **90 minutes** for 30 - 40 students.

Barn: Introduction

Introduction to windmill, the barn and the site. Explain activities to follow

Viewing of Bursledon Windmill DVD

Discussion of what wheat sheaf is

Groups should be split up into 10 to 15 pupils. One group should start with the **Windmill Tour** while the others remain in the barn. After finishing the windmill tour, the groups will change over.

Barn Activities

Students will be able to handle grain and will see demonstrations of historic forms of milling using a **saddle stone** (invented by Egyptians when they discovered yeast, the main product used in bread and flour), the **quern stone** (used by Romans) and the sieve.

Students can then divide into 3 groups and rotate around the 3 activities, under supervision from an adult helper.

Windmill Tour

Students will have a full guided tour of all floors of the windmill and an explanation and, where appropriate, demonstration of all machinery

If time allows, one student can be asked to volunteer to be weighed on the scales, or a sack used to demonstrate how they work.

Plenary in barn

Students will be invited to use their new knowledge by naming of various parts of machinery on windmill model.