

# Session Outline

## KS3 & 4: Mapping Masterminds

This outline is a general guide for what to expect during your session with us. Activities and session structure may vary depending on weather conditions and other circumstances.

National Curriculum links:		
<p>KS3 - Interpreting Ordnance Survey maps in the classroom and the field, including using grid references and scale, topographical and other thematic mapping, and aerial and satellite photographs.</p> <p>KS4 - Applying geographical knowledge, understanding, skills and approaches appropriately and creatively to real-world contexts, including fieldwork, and to contemporary situations and issues; and develop well-evidenced arguments drawing on their geographical knowledge and understanding.</p>		
Learning Objectives	Session outline	Evaluation of Learners progress
<ul style="list-style-type: none"> <li>Understand how to read an OS map</li> <li>Be able to use a compass to take a bearing</li> <li>Work as a team to make decisions</li> </ul>	<p><b>Introduction</b> The class will have a brief welcome and introduction to the day.</p> <p><b>Activities</b></p> <p><b>At the time of booking, please let us know if there are any particular skills that you would like your students to focus on.</b></p> <ul style="list-style-type: none"> <li>- Understanding 6 figure grid references and what 3 words and when these may be useful tools</li> <li>-Introduction to key features of a compass</li> <li>- Using the compass to work out directions and bearings to identified landmarks</li> <li>- Taking a bearing from an ordnance survey map and using this to navigate to a landmark</li> <li>-Recognising map symbols including contour lines</li> <li>- Following an ordnance survey map to navigate a given route and solve clues to crack a code</li> </ul>	<p>To include: Students demonstrating correct use of compass, contribution to discussion before, during and after the visit. Completion of task and photographs which you may take for post visit discussions, displays and activities.</p>
Pre Visit activities	Post Visit activities	
<p>Look at the development of Milton Keynes from farmland to a new town – the scale of the land clearance/planting</p> <p>Look at the different types of woodland in MK from ancient woodland to new.</p>	<p>Sharing of knowledge gained</p> <p>Application of knowledge/skills to map reading on school site and local area</p> <p>Map reading of an unknown area</p>	