

ADT Department

Year 2022

Topic: Year 7 Ball Bearing Game

Learning Journey

**Prior learning: First DT design and make project in year 7.
Some students will have done some DT in primary School and some will have no prior experience.**

Learning sequence – topic title							Endpoint
Main learning steps	Health and Safety passport	Discuss and research London attractions. Homework Primary/secondary Image research.	Use the design brief to develop a range of design ideas.	Use of specialist tools and machinery. Use of a jig and vertical bandfacer Homework London information/facts research	Use finishing processes to create a functional and appealing product that responds to the design brief. Homework Base and side panel graphics.	Final product evaluation include DT vocabulary.	Completed ball bearing game and work booklet.
Assessment		Whole class feedback	Peer and teacher feedback	Verbal feedback	Verbal feedback	Teacher and peer feedback.	Teacher summative assessment in student booklet with targets.

Resources needed at home – internet access, basic drawing equipment including colouring pencils.

Parental support – Walk around London to take photographs to use for their primary research task.

Option to visit a London attraction and take photographs

Where will we use these ideas again: In the wooden puzzle project