

Product Design Key Stage 3 Learning Journey



Year 9 Overview

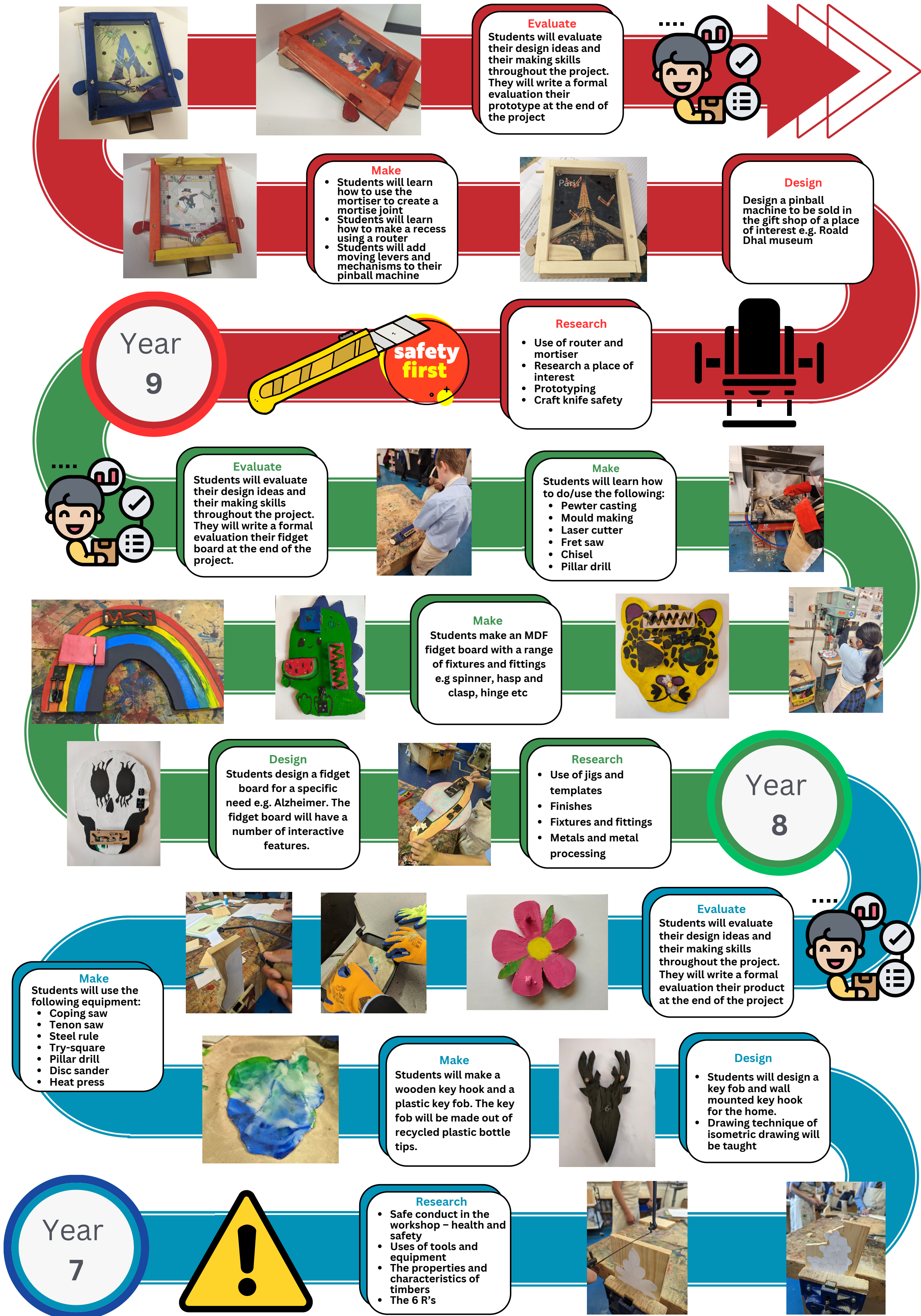
Students will engage in the Pinball Project. Students will research a place of interest and design and make a fully functioning pinball machine to be sold in the gift shop of a place of interest e.g. Roald Dahl museum. The project combines use of CAD/CAM and traditional joinery techniques. Students will explore the importance of prototyping and modelling ideas.

Year 8 Overview

Students will engage in the Fidget Board Project. They will evaluate their design ideas and their making skills throughout the project. They will write a formal evaluation their fidget board at the end of the project.

Year 7 Overview

Students will engage in the Key Fob Project. They will learn the skills to use tools and equipment in the workshop safely, appropriately and with a degree of accuracy. Tools and They will learn finishing techniques for materials such as plastic, wood and metal.



“Design is not just what it looks and feels like. Design is how it works.” Steve Jobs