

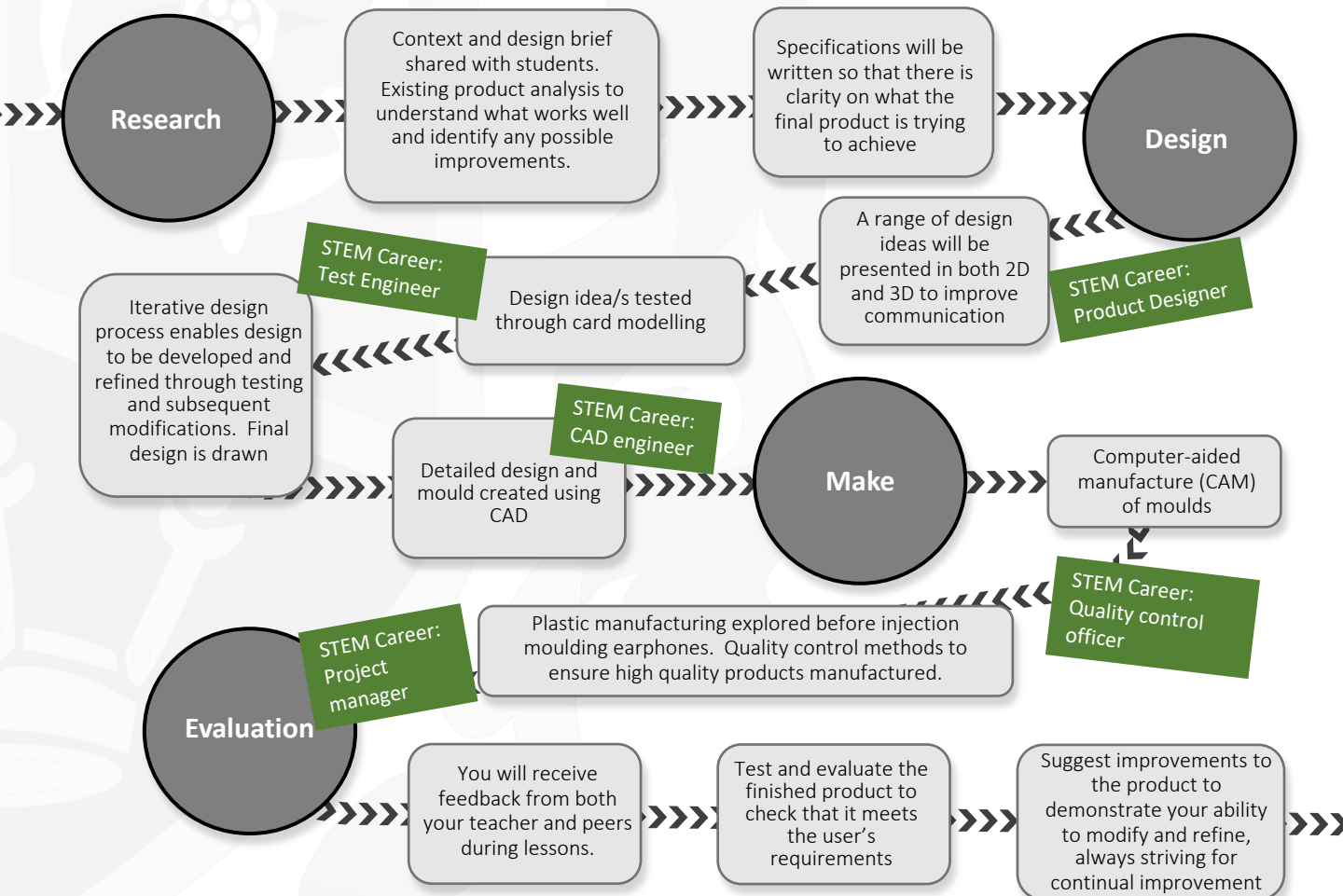
LEARNING JOURNEY D&T



Earphone Wrap Project

Year 9 Autumn Term

In this project we will design and make an **earphone wrap**. You will **design and make** an earphone wrap for a suitable **user**. Your product should **function** correctly to safely store the wires to prevent them becoming entangled. Your design should appeal to your target market and may for example be inspired by a particular theme. The **design iteration process** will allow you to test and refine your design ideas. Your final design and mould will be drawn using computer-aided design (CAD) and then laser cut using computer-aided manufacture (CAM). Injection moulding your earphone wrap will help you create a consistent high-quality product. We also study other plastic manufacturing processes and their use in other plastic products.



TUDOR HABITS: You will be expected to show responsibility and integrity in this (and all future) projects. You will need to self regulate in order to keep on top of the making process

VOCABULARY: context, ideation, iteration, prototype, scaling, vectoring, tessellation, quality control, scales of production, quality control, injection moulding, extrusion.