

Assessment Cycle	Topic/Unit Title – <i>Big Question</i>	Rationale/Skill Development	Link to Assessment Objectives/Progression Scales Skills The following areas will be assessed
<p style="text-align: center;">1</p> <p>This cycle will be repeated a total of 2 times this academic year</p>	<p style="text-align: center;">Big Q1</p> <p>How has technology and computers improved the efficiency and complexity of today's products?</p>	<p>This content allows students to develop their understanding from the previous year on fundamentals of Design Technology (design cycle and design sheets) whilst also now getting the opportunity to lay out their work in a portfolio manner, that of what would be expected from them at GCSE.</p> <p>Through a combination of theory lessons and demonstrations, students will be able to learn new information and skills that will set them up for their future DT lessons. Following the demonstrations by the teacher, students will be given a short task to get hands on themselves with the materials and tools to allow them to put the theory to practice as soon as possible.</p> <p>Students will then have the opportunity to run through the Design Cycle from start to end as they create their earphone wrap out of acrylic. As well as the fact they will be recording their work in the form of a portfolio, students this year will now be carrying out the research phase in a more DT focused manner.</p> <p>Students will develop specific PLT skills in the following areas:</p> <ul style="list-style-type: none"> • Team Worker • Effective Participants • Independent Enquirers • Self-Managers • Creative Thinkers • Reflective Learners • Problem Solving Skills • Sketching Skills • Practical Making Skills 	<p>The work carried out during this project will get the students working towards A01 and A02 of the Edexcel NEA mark scheme.</p> <p>The students' progress through the Design Cycle this year which is the 6 step process that every project follows, through from understanding the brief to testing their prototypes. This year they will be working on the observe, ideate, prototype and test stages of the Design Cycle.</p>