What is Parkside aiming to achieve through its Design Technology curriculum?

- GCSE Design and Technology prepares students to participate confidently and successfully in an increasingly technological world.
- Students will gain awareness and learn from wider influences on Design and Technology including historical, social, cultural, environmental and economic factors.
- Students will get the opportunity to work creatively when designing and making and apply technical and practical expertise.
- The AQA GCSE course allows students to study core technical and designing and making principles, including a broad range of design processes, materials techniques and equipment.
- They will also have the opportunity to study specialist technical principles in greater depth.

Parkside School Subject Curriculum Plan
Subject: Design Technology – KS4

Year	Half Term 1	Half Term 2	Half Term 3	Half Term 4	Half Term 5	Half Term 6
10	• Baseline assessment • Baseline practical assessment • Introduction to course Theory **Unit A** • Industry and enterprise • People, culture and society • Production techniques • Sustainability and the environment HT1 Assessment NEA Skills building • Creativity lesson • Problem solving • Drawing techniques • Designing and developing NEA areas (design brief, research, product disassembly)	Theory **Unit B – Energy, Materials, Systems and Devices** HT2 Assessment NEA Skills building • Drawing skills • 2D & 3D • CAD (learning different software) • Problem solving mini makes • Develop material and practical confidence • Modelling • Prototyping • Iterative design	Theory **Unit C – Materials and their Working Properties** Revision for mock exam Mock exam NEA Skills building • Drawing skills • 2D & 3D • CAD (learning different software) • Problem solving mini makes • Develop material and practical confidence • Modelling • Prototyping • Iterative design -	Theory **Unit D – Common Specialist Technical Principles** HT4 Assessment NEA Skills building • Drawing skills • 2D & 3D • CAD (learning different software) • Problem solving mini makes • Develop material and practical confidence • Modelling • Prototyping • Iterative design	Theory **Unit E – Specialist Technical Principles** HT5 Assessment NEA Skills building • Drawing skills • 2D & 3D • CAD (learning different software) • Problem solving mini makes • Develop material and practical confidence • Modelling • Prototyping • Iterative design	Theory **Unit F&G – Designing and Making Principles** HT6 Assessment NEA briefs released. • Introduce NEA briefs • Students to mind map all and then select. Begin section A research before the summer holidays.
11	Theory **Re-cap unit A&B** HT1 Assessment NEA **Section A** *Section F throughout*	Theory **Re-cap unit C&D** HT2 Assessment NEA **Section B & C** *Section F throughout*	Theory **Re-cap unit E** Mock exam NEA **Section C&D** *Section F throughout*	Theory **Re-cap unit F&G** HT4 Assessment NEA **Section D&E** *Section F throughout*	**Revision** Exam to be sat in the HT6 HT5 Assessment NEA **Section D&E** *Section F throughout*	**Revision** Exam to be sat in the HT6 NEA **All sections (A-F)** Completing any other areas/adding to marks before submission in May. *Section F throughout*