

| Term | Alive Theme | What we do | How it helps students to develop that Alive theme |
|------|------------------------------------|--|---|
| 1 | I am Organised | Use presentations as a source for key knowledge and information stored on MS Teams Introduce learning mats for each main topic area | Systematically work through key knowledge and understanding in a digital format Provides a system for summarising key knowledge and information for a specific topic (used in conjunction with learning mats – <i>this carries on for the entire course</i>) |
| 2 | I am Organised | Use Fusion 360 to create 3D models. | Requires them to design systematically and organise their different parts and assemblies, cataloguing and naming them so they're easy to identify. |
| 3 | I am Organised I can Review | Produce glossary of processes for future use (e.g. revision, mock exams, use with NEA) Look back over KS4 skills and knowledge to create a glossary of wasting, deforming and reforming skills. | Helps them to organise the knowledge and understanding into categories for easy access as required. |
| 4 | I am Organised | Teach: Time planning (Gantt chart) Cutting list Parts list Cutting a pattern Manufacturing plan Making a jig Tessellation | Provides a structure/method to plan tasks against time over a long period to support project and time management. Helps to organise their thinking and presentation of specific materials required Helps to organise their thinking and presentation of specific components required Preparation aid to effectively cut and minimise waste of textiles prior to manufacturing. Provides a framework for them to use to effectively plan each stage of their manufacturing. Helps to ensure accurate and efficient processing of a specific manufacturing task in a repeated fashion Helps students to efficiently organise different shapes on a standard sheet of material to minimise waste |
| 6 | I am Organised | Teach contextual mind mapping | Helps students to analyse and evaluate broad ideas to assess their suitability for NEA. |

DT Year 13 Alive Themes

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| 1 | I am Organised | Use camera to create manufacturing log | Helps them to keep an accurate record of the various steps they took to create their manufactured prototype |
| 2 | I value Diversity & Choice | Explore user centred design and inclusive design by drawing on client expertise | Helps students to appreciate and cater for a broad range of users from diverse range of backgrounds. |
| 3 | I can Research | Teach testing and critiquing strategies for product evaluation. | Helps students to be objective and use quantitative data as part of their 3rd party product reviews |
| 4 | I am Organised | Use student plans (e.g. Gantt charts, time plans and manufacturing plans) to complete their NEA against a deadline | Provides a framework for them to work against to complete in good time. |
| 5 | I can Review | Use consolidation tasks and mock questions from Y12/13 to revise from | Helps students to categorise and organise their revision into manageable chunks. |