**Key Stage 5 Curriculum Map** Department: Design and Technology – Theory 2

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| **Subject**  **Year** | Year 13  Design and Technology | *Overview/rationale & statement of importance – what learners can expect to gain from studying this subject this year*  In Year 13, students will continue to progress with their own individual design context, working with a client in order to produce a prototype which demonstrates the students creative practical problem solving skills. Parallel to this students will study Ergonomics (including inclusive designs) design theory, changes in technological advancements, responsibility in design, marketing and project management. | | | | |
| **No of weeks/lessons** | 5 Lessons | 15 Lessons |  |  |  |  |
| **Unit Title** | National and International Standards in Product Design | Exam Preparation and revision of topics |  |  |  |  |
| **Objective** | Students will need to be aware of the importance of national and international standards in the design and manufacturing industry | Students to produce revision materials, topics to be revisited. |  |  |  |  |
| **Iterative Links** | From signs and symbols learnt in Yr11, e.g. FSC logo and marketing from previous topic |  |  |  |  |  |
| **Knowledge & Understanding** | To gain knowledge and understanding of the importance of national and international standards in product design | To be able to produce revision materials for specific topics which are individual to each student  To know how to use their PLCs in order to identify which topics need to be covered again |  |  |  |  |
| **Skills** | To link to specific products and industries | Using PLCs for revision or for teacher to go over the topics again. |  |  |  |  |
| **Literacy** | Theoretical work, exam questions | Extended response questions |  |  |  |  |
| **Numeracy** | Extended response exam questions | Numeracy exam questions |  |  |  |  |
| **Assessment** | SWIK: exam style questions  PLC – check against assessment | Use of PLCs  Range of exam questions |  |  |  |  |
| **Health and Safety** |  |  |  |  |  |  |
| **Cross-curricular** | Maths, Business Studies | Maths, English, Business Studies, Geography, Sociology, Art |  |  |  |  |

Approximately 60 lessons

35 lessons