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| --- | --- | --- | --- |
| Theory - knowledge needed about Product Development**Product Design AQA GCSE Product Development theory** | **Red**No | **Amber**Maybe | **Green**Yes |
| I can respond creatively to briefs, developing my own proposals and producing specifications for products and associated services |  |  |  |
| I can discuss and analyse the situation/problem; |  |  |  |
| I know how to gather and respond to research, evaluate and select information and data to support the design and manufacture of products; |  |  |  |
| I can consider the factors involved in the design of a product which is to be produced/manufactured in quantity; |  |  |  |
| I can consider a wide range of users and create designs which are inclusive; |  |  |  |
| I can determine the degree of accuracy required for the product to function as planned, taking account of critical dimensions and tolerances in determining methods of manufacture; |  |  |  |
| I can understand how graphic techniques, ICT equipment and software, particularly CAD, can be used in a variety of ways to model aspects ofdesign proposals and assist in making decisions; |  |  |  |
| I have a knowledge and understanding that design ideas are protected in law through copyright, patents and registered designs. |  |  |  |

Target setting:

Students name: ……………………………………………………………………..