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| Theory - knowledge needed about Ferrous and Non Ferrous Metals  **Product Design AQA GCSE Ferrous and Non Ferrous Metals theory** | **Red**  No | **Amber**  Maybe | **Green**  Yes |
| I am able to identify common metals i.e. silver, stainless steel, mild steel, cast iron, brass, copper, zinc, aluminium, pewter; |  |  |  |
| I understand the different properties and uses of such materials within engineering and domestic products; |  |  |  |
| I understand that many metals are alloys or have coated finishes therefore the composition can be adjusted to create different properties for specific purposes e.g. casting alloys, plated metals; |  |  |  |
| I understand that the properties of metal can be changed by heat treatment; |  |  |  |
| I have an understanding of the stock forms for metals i.e. sheet, rod, bar, tube; |  |  |  |
| I have a basic understanding of the source of metals and the primary processes involved in conversion to workable materials. |  |  |  |

Target setting:

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