

Year 8 Metal Work Mastery Criteria	Practical Skills	Knowledge & Theory
Ambitious	- I can choose and use a variety of metalworking tools accurately, demonstrating independence and confidence when working. - I can check my work as it progress and correct any errors. - I can consider presentation when applying a finish to my work, resulting in a high-quality outcome.	- I can explain the difference between ferrous and non-ferrous metals, giving examples of each, - I can explain what an alloy is and give a range of examples. - I can explain what is meant by the term ‘working properties’ and give examples, relating them to real-life contexts. - I can identify and explain the use of a wide range of metalworking tools. - I can plan my work carefully and work from my own detailed plan.
Mastered	- I can choose and use a variety of metalworking tools and equipment with some precision and explain my choices. - I can demonstrate that I can work independently most of the time. - I can apply a finish to my product with reasonable consideration about the final presentation.	- I can explain the different categories of metal: ferrous, non-ferrous, and alloys, giving examples of each. - I can identify and explain the use of most tools and equipment that have been used to manufacture the product. - I can explain what is meant by the term ‘working properties’ and give examples. - I can produce a step-by-step plan to help when making.
Developing	- I can select what metalworking tools are needed to manufacture the product and explain my choice. - I can use tools as instructed with some support from my teacher. - I can apply a finish to my product with some consideration about the final presentation.	- I can apply basic knowledge of types of metal, specifying the names of metal, such as aluminium, and steel, used when making the product. - I can identify and name basic metalworking tools and explain what they are used for. - I can produce a step-by-step plan to help when making.
Emerging	- I can manufacture the product using metal working tools and equipment as directed whilst being supported by the teacher. - I can apply a finish to my product with limited consideration about the final presentation.	- I can demonstrate basic knowledge of types of metal, knowing the specific material from which the product is made. - I can identify and name the basic metalworking tools used in the manufacture of the product. - I can use a given step-by-step plan to help when making.