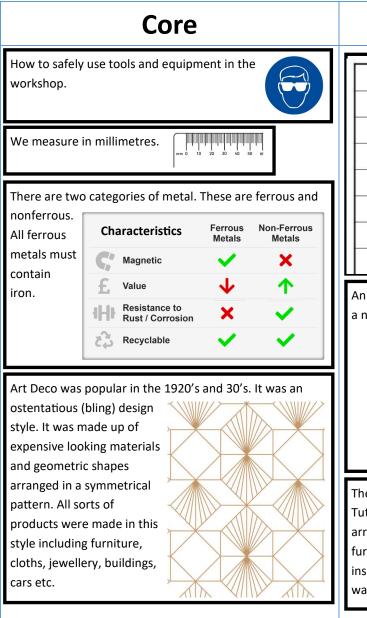
Good to know



Ferrous Metals	Non- Ferrous Metals
Iron Low Carbon Steel	Aluminum Copper
High Carbon Steel	Bronze
Cast Iron	Zinc
Stainless Steel	Lead
Tool Steels	Tin

An alloy is where different metals are mixed together to create a new metal with better properties.



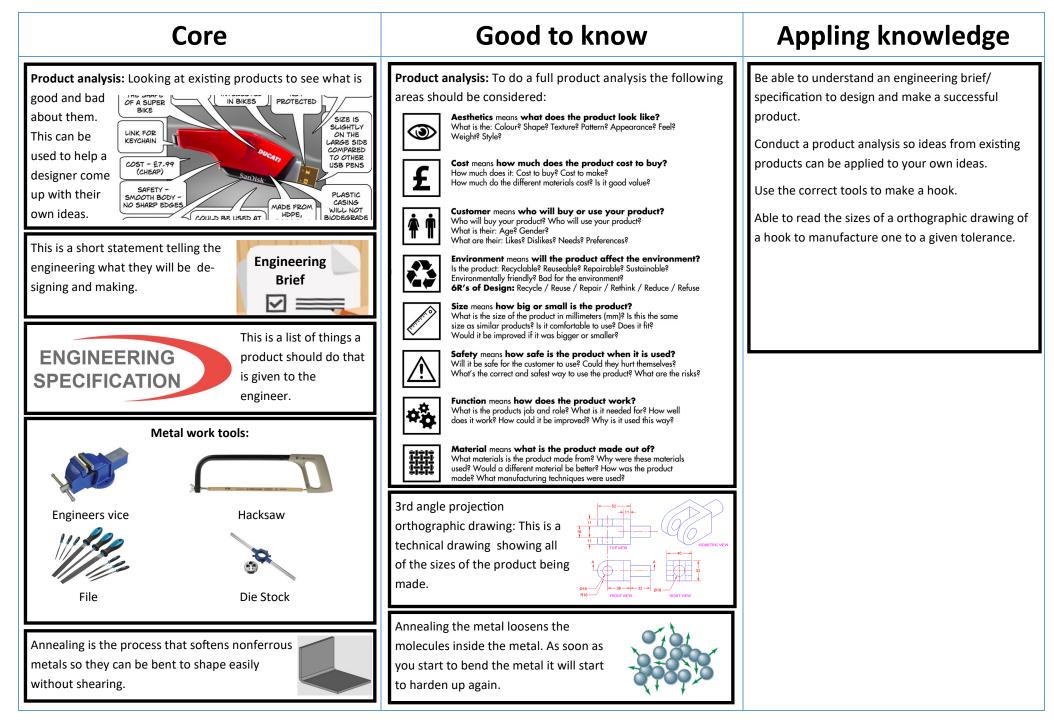
Aluminium/nickel alloy wheel

The 20's saw the discovery of Tutankhamun's tomb with its array of ancient Egyptian furniture etc. This helped inspire the look of Art Deco as it was on trend at the time.





Appling knowledge Be able to measure accurately when doing practical tasks so that the parts fit together and make a successful product. Know the characteristics of metal so the correct one can be used on a product. Metal Properties Uses Aluminium Lightweight structures, Low density, strong, resistant to corrosion, good aircraft, drinks cans, high conductor of electricity voltage cables. Copper Electrical wiring, water Good conductor of electricity. pipes. resistant to corrosion, easily shaped, flexible Gold Jewellery. Shiny, very resistant to corrosion, very unreactive, soft, easily shaped Steel Very strong, very dense. Large structures and heavy duty engineering such as bridges, trains, cars etc. Have an understanding of a particular design style so that ideas can be created in a particular style.



Year 9 term 1b Design Technology knowledge organiser

