

REVISION CARDS - FERROUS METALS - SIMPLE VERSION

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On behalf of The World Association of Technology Teachers

W.A.T.T.



World Association of Technology Teachers

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FERROUS METALS - MILD STEEL

Carbon 0.1 - 0.3%
Iron 99.9 - 99.7%

A ferrous metal is a metal that contains iron.

An example of a ferrous metal is mild steel.

Mild steel is used to manufacture a range of steel products:

Car bodies, general parts for machines, steel tube, chains and many more

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FERROUS METALS STAINLESS STEEL

Alloy of iron, nickel and 10.5% to 11% chromium.

Tough, resistant to rust and stains. Does not corrode.

Cutlery, medical instruments, specialist corrosion resistant products such as pipes. Stainless steel pots and pans. Jewellery and watches.

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1. What is a Ferrous metal? 2 marks

2. Stainless steel is a ferrous metal. Name a product manufactured from stainless steel. Explain why it is made from this stainless steel. 4 marks
