



Mighty Metals

Imaginative Learning Project for Year 3 children

You're an engineer, a scientist, a maker of men (iron men, of course).

Explore the scientific world of forces and magnetism, metals and materials... Expand your mind as you test and trial, build and move.

Which force is at play as you slide down a slide or swing on a swing? Can you explain why magnets repel and attract? Can you make a penny look shiny and new or build a steel band from pots and pans?

Then, meet Hogarth the Iron Man's companion. The Iron Man wants a friend... Can you build him one? You must make him strong, sturdy and ready to rumble!

If you were a metal, which one would you be? Gold, a shimmering, precious and costly mineral? Or steel, that strong and useful alloy? Maybe you're iron, malleable and easy to shape, but ready to rust!

Maybe you're not a metal at all – but a force to be reckoned with!

ILP focus	Science
English	Non-chronological reports; Explanations; Instructions; List poetry; Recounts
Science	Forces and magnets; Working scientifically
Art & design	Embossed pattern and pictures; Making jewellery
Computing	Creating spreadsheets; Using presentation software
D&T	Product evaluation; Using research to inform design; Selecting materials; Making vehicles; Building an iron man; Using electrical circuits
Mathematics	Measuring length
Music	Performing using metal objects for instruments
PE	Using PE equipment to explore forces

SMSC

Spirituality

Social

Cultural

FBV

Democracy

Individual liberty