The Iron Man – Year 3

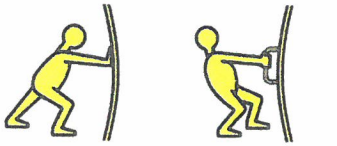
Forces and Magnetism

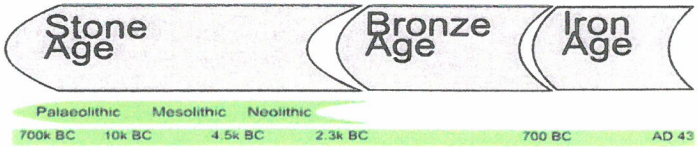
In physics, **force** is a push or pull on an object. A force can cause an object to accelerate, slow down, remain in place, or change shape.

Magnetic forces

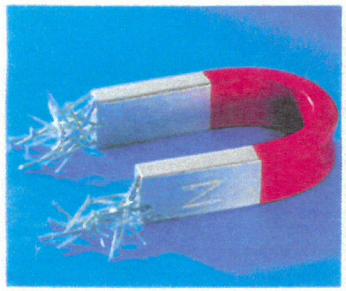
When two magnets are close, they create pushing or pulling forces on one another.

pushes and pulls - forces and motion



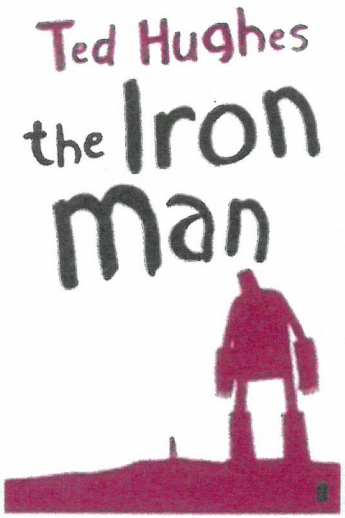


When would you rather live, in the Stone Age, the Bronze Age or the Iron Age?



Different poles attract

If you put two magnets together with different poles pointing towards one another, the magnets will pull towards each other. We say they attract each other.



Design and Technology—Vocabulary

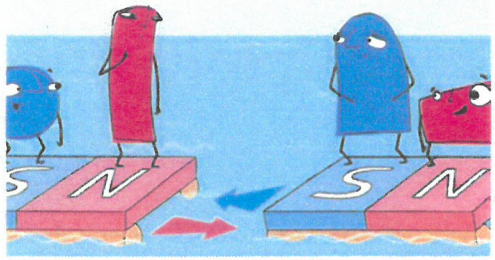
Functional - designed to be practical and useful, rather than attractive.

Accurate - providing a faithful representation of someone or something.

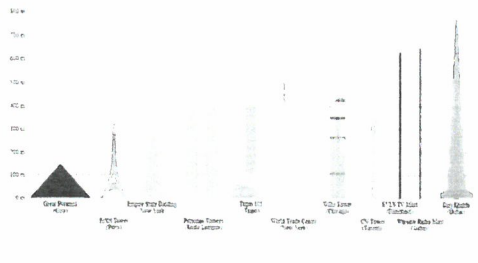
Strengthen - make or become stronger.

Re-enforce - strengthen or support (an object or substance), especially with additional material.

Freestanding structure means any man-made structure which is not supported by guy wires, the sea or other types of support. For example, buildings, skyscrapers, towers, or even chimneys.



The Iron Man is a book by the author Ted Hughes.



The Burj Khalifa is the tallest free standing structure in the world.

Stone Age - Stone Age people drew cave paintings onto cave walls. They made tools out of stone.

Bronze Age– developments in the smelting of tin and copper meant Bronze age people could use metal tools.

Iron Age - Iron is a harder and much more abundant metal to use.