

Mighty Metals



"He picked up a greasy black stove and chewed it like a toffee. There were delicious crumbs of chrome on it."

The Iron Man by Ted Hughes

We are looking forward to a busy half term with our topic Mighty Metals. There is a strong focus on Science and Design Technology within this topic.

Please refer to the table overleaf for an overview of our learning.

Innovate week w/b 20th May

Task: to design and create a robot with eyes/buttons that light up. Include an on/off switch in a circuit.

We will use our learning on electricity to create models with circuits. If your child would like to keep the bulbs and battery used in your model, please bring in a **£2** donation.

In readiness can we ask that you start collecting any sized boxes and tubes in preparation. Please bring into school on Monday 20th May.

The Fox Class team

Mrs Hayworth joins us this summer term to cover Thursdays and Fridays. We are also lucky to have Miss Sewell, from the University of Chichester, who is on her final teaching placement.

Please do come and ask if you have any concerns and questions

Mrs Pendle, Mrs Hayworth and Miss Sewell

Curriculum area	To be covered
English	Read and write: explanations, shape poems and instructions
Science	Forces and Magnets; Dangers and Uses of electricity; Making circuits and switches
Design Technology	Product evaluation; Using research to inform design; Make a magnetic travel game; Design and create a robot with an electrical circuit.
Computing	Research skills ; Take photos and add annotations.
Music	Listen and appreciate steel bands

Explore the scientific world of forces and magnetism, metals and materials.

Which force is at play as you slide down a slide or swing on a swing?

Can you explain why magnets repel and attract?

If you were a metal which would you be? Gold, shimmering and precious or iron, malleable and ready to rust!

Did you know?

Gold is virtually indestructible.

Some scientists believe that migrating birds use the earth's magnetic field to guide them on their journey.

Iron is an essential mineral which helps transport oxygen throughout the body. How much iron is your cereal?



