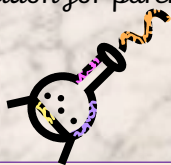


NARRATIVE

This term's topic investigates 'Materials for Purpose'. We think back to our last topic and look at the materials we have developed for use today. We investigate properties of materials and how different materials behave when heated. We look at what differentiates solids, liquids and gases and investigate the best material for keeping water hot. The term culminates in the children presenting an interactive science exhibition for parents to enjoy.



ART/MUSIC

- Still life sketch of nuts and bolts
- Charcoal work on Iron Man
- Front cover for Iron Man book
- Read stave notation, recognise higher and lower pitches

GEOGRAPHY

- Revising continents and oceans before learning about climate zones
- Familiarising ourselves with the surrounding area
- Learning about compass points and map symbols
- Understanding 4-figure grid references
- Looking at geographical features e.g. rivers and mountains

COMPUTING

- Coding unplugged

Material Mayhem

ENGLISH

- George's Marvellous Medicine, Roald Dahl's classic book about a curious boy who makes an incredible potion, forms the basis for much of our creative work in English.
- Look at recipes and create our own marvellous medicine.
- Write an adventure story based on the premise of a marvellous medicine.
- The Iron Man by Ted Hughes is a story about a giant robot who eats metal and allows us to imagine a restaurant that sells only metal food. How would you like some copper spaghetti?
- Children to come up with a crazy invention of their own then design and create an advert to persuade an audience to buy our great inventions!

MATHS

- Data handling, line graphs - analysing data from science investigations
- Carroll diagrams, Venn diagrams - sorting materials
- Weight / length/ capacity - scientific fair testing

SCIENCE

- Properties of materials
- Forces – what is gravity?
- Magnetism – how do magnets work?
- Changes in state – solid, liquid or gas?
- Reversible & irreversible changes – what are melting, mixing, heating, dissolving?
- Thermal investigation – how can we keep a cup of tea hot?

HISTORY

- Famous Scientists! Do you know about Marie Curie and Albert Einstein?

DAYS TO LOOK FORWARD TO

- Trip to Science Museum in London
- Interactive Science Exhibition

