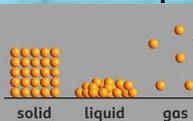


NARRATIVE

This term's science 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
- Light and shadow work on Iron Man, using pastels
- Read stave notation, recognise higher and lower pitches

GEOGRAPHY/PE

- Familiarising ourselves with the surrounding area
- Orienteering and learning about compass points and map symbols

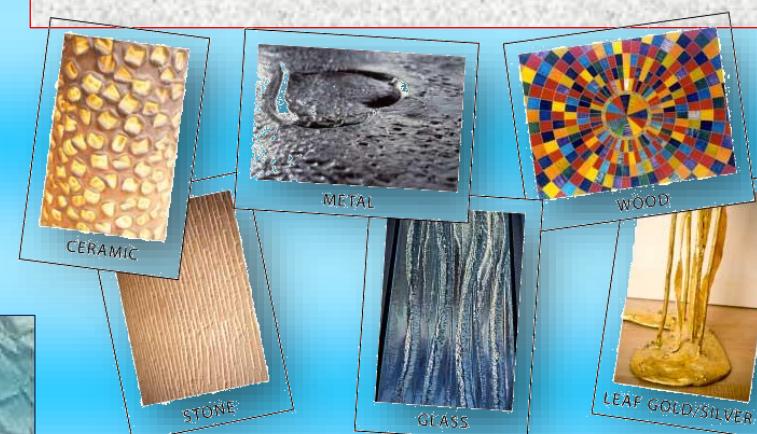
RE

For Christians is Communion an act of celebration or remembrance? What did God promise to His people?

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.
- We create our own marvellous medicine and put it into a list poem.
- Write an adventure story based on the premise of a marvellous medicine.
- Write a news report about George and his medicine
- The Iron Man by Ted Hughes is a story about a giant robot inspires us to write some haikus and some rhyming poetry.
- We write instructions to teach the Iron Man how express himself artistically.
- Children create a crazy invention of their own then design and produce an advert to persuade an audience to buy our great inventions!



COMPUTING

Learning to use audio to create our own podcasts.

MATHS

- Data handling - 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?
- Evaporation and condensation experiments
- Using our knowledge of materials, we create crazy inventions that use the completely wrong materials!

DAYS TO LOOK FORWARD TO

- RGS Science Visit
- End of term Science Exhibition
- A visit from 'Hands-On Science'

HISTORY

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

