

ENGLISH

- Read Woolly Saucepan poem by Michael Rosen
- Create materials poems using unsuitable materials for particular objects in the style of Michael Rosen
- Identify properties words and define their meaning
- Create acrostic poems of everyday materials
- Write predictions and explain suitability of some materials in comparison to others by considering characteristics
- Write a report of findings of investigations of suitable materials
- Write fact files on John Dunlop and Charles Macintosh

HISTORY

- Explore the history of the invention of manmade materials

MUSIC

- Make a rap of everyday materials and their uses
- Explore range of sounds made by objects of different everyday materials using drumsticks
- Create a rhythmic pattern

PHYSICAL EDUCATION

- Develop an understanding of the links between breathing, heart rate and temperature with warming up and cooling down
- Carry out warm up and cool down activities

OAK CLASS - SPRING 2022

SCIENCE THEME - WHAT ARE THINGS MADE OF?

This theme will incorporate the National Curriculum guidance below:

- To identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses.

SCIENCE

- Explore what materials toys and objects in school are made of
- Identify and classify the materials used for toys/school objects
- Explore the properties of materials used for toys/school objects
- Compare the suitability/unsuitability of the materials for their particular purposes
- Carry out fair tests of everyday materials and record observations

OUTDOOR LEARNING

- Visit local shops to research everyday materials that objects/toys are made of
- Treasure hunt to find objects in local area/shops using materials and their properties as clues
- To maintain the John Muir garden project in Allanton

COMPUTING/E-SAFETY

- Create algorithms for fair tests on material suitability
- Research the life and work of John Dunlop and Charles Macintosh
- Record data in diagrams/charts/tables on ipads

GEOGRAPHY

- Research natural/manmade everyday material sources in our local area
- Explore the impact on the environment of making everyday objects with natural/manmade materials

RE/FESTIVALS, CELEBRATIONS & COMMEMORATIONS

- Explore and learn about religious celebrations and festivals to celebrate heritage, culture and traditions
- Explore and learn about historical events and people that are commemorated

PSHE/CITIZENSHIP

- Carry out a class ballot to vote for our School Council class representative
- Learn about Government buildings in London

MATHS

- Use tally charts to record numbers of objects made with specific materials
- Use Venn diagrams and Carroll diagrams to organise and group materials by their properties
- Make and interpret simple tables to show the uses of materials
- Use multiples to count the uses of materials/properties
- Measure, present and interpret materials and properties data in bar charts/block diagrams

ART & DESIGN/DESIGN & TECH

- Design and make everyday objects using a variety of different materials to test suitability/unsuitability
- Cut and join materials together
- Measure components in the design
- Use tools/equipment safely to make products/objects and identify safety improvements
- Make a comparison of the initial design with final result

SMSC

- Implement the daily use of The Zones of Regulation to develop emotional awareness and self-regulation
- Recognise the difference between right and wrong
- Develop an understanding of the consequences of behaviours and actions