

NARRATIVE

This term's topic investigates 'Materials for Purpose'. We learn about what materials were used for in the Stone, Bronze and Iron ages and the materials we have developed for use today. Investigations will include; properties of materials and how different materials behave when heated. What differentiates solids, liquids and gases and what is the best material for keeping water hot! The children will create their own 'Crazy Invention' and display them at our end of term



'MATERIALS

EXHIBITION !

RE

- The lives of St Augustine & St Aidan
- Character/hero qualities
- Overcoming adversity
- The life of a modern day missionary; Jackie Pullinger

ART/MUSIC

- Cave paintings
- Iron Age crosses
- Iron Age patterns, fabrics, hides
- Still life sketching/charcoal
- Use of voice in Music / music of different era

DESIGN AND TECHNOLOGY

- Crazy invention; design for purpose?
- Energy efficient dwelling



MATERIAL MAYHEM



YEAR 4 AUTUMN TERM

ENGLISH

- Spellings are looked at and learned each week following spelling rules and patterns. Grammar has a focus on punctuation, nouns, adjectives, verbs, and adverbs. Handwriting; writing patterns and topic – related pieces. Modelling writing and editing through discussion
- Reading takes place individually where required and in the group or shared reading sessions, the focus is on comprehension skills both oral and written across a range of genre
- Research – Stone/Iron Age way of life
- Recount of visit to Butser Farm
- Story Writing – Ice Egg discovery
- War week – poetry
- Crazy invention instruction brochure
- Exhibition advert

HISTORY

- General history timeline
- Stone Age – early farmers
- Bronze Age – religion, technology and travel
- Iron age – hill forts, farming art, technology and culture

GEOGRAPHY

- Where should we settle? Topographical features – mountains, forests and rivers
- Trade links and distribution of natural resources, including energy, food, minerals and water

DAYS TO LOOK FORWARD TO

- Butser Farm trip and Science Museum
- Materials Market

MATHS

- Place value and partitioning
- Multiplication, division, addition and subtraction
- Fractions and decimals
- Data handling, line graphs, Carroll diagrams, Venn diagrams
- 2D / 3D shapes and nets
- Weight / length/ capacity
- Problem solving and investigations
- Co-ordinates and translation, compass points
- Symmetry
- Reflection
- Rounding and estimating
- Area and perimeter
- Time

COMPUTING

- E-safety
- Scratch algorithms – making a character
- i-Pads for research
- Using the internet and living library as research tools
- Developing skills in publisher

SCIENCE

- Properties of materials-practical application in Stone/Bronze/Iron Age.
- Classification of materials
- Changes in state
- Reversible & irreversible changes- melting, mixing heating, dissolving
- Filtering and separating materials
- Thermal investigation – building materials
- Magnetism