

LITERACY

Writing linked to RE and Stone Age units of work

plan their writing (including independent research)

draft and write

evaluate and edit

Non-chronological report (member of the class)

Muhamad (PBUH) 2-page spread

UG adapted historical story

Setting description (mosque)

Persuasion (Stone Age bow and arrow)

****Grammar, spelling, target work and guided reading/comprehension will be taught in addition to the above.**

Coatham CE Primary School

Stone Age to Iron Age

Medium term Planning

Autumn 1 – Year 5

September - October 2021

SCIENCE - Forces

Content

- i. explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object
- ii. identify the effects of air resistance, water resistance and friction, that act between moving surfaces
- iii. recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect

Working scientifically (KS2 WS)

- i. planning different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary
- ii. taking measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate
- iii. recording results using scientific diagrams and labels
- iv. Using test results to make predictions to set up further comparative and fair tests
- v. reporting and presenting findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in results, in oral and written forms such as displays and other presentations
- vi. identifying scientific evidence that has been used to support or refute ideas or arguments

NUMERACY

Number, place value and money

-Read, write, order and compare numbers to at least 1000000 and determine the value of each digit.

-Count forwards or backwards in steps of powers of 10 for any given number up to 1000000.

-Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers including through zero.

-Round any number up to 1000000 to the nearest 10, 100, 1000, 10000 and 100000

-Multiply and divide whole numbers by 10, 100 and 1000.

-Solve number problems and practical problems that involve all of the above.

-Read Roman numerals to 1000 (M) and recognise years written in Roman numerals.

4 operations

-Add pairs of 4-digit numbers

-Subtract pairs of 4 digit numbers

Times Tables

Stone Age to Iron Age

HISTORY

Timeline

Daily Life

Transition from stone to iron

GEOGRAPHY

Types of settlement

Geographical Characteristics

COMPUTING

Online Safety

To identify spam emails and what to do with them – Fake news examples

To create strong passwords.

To recognise when, why and how photographs we see online may have been edited.

To apply online safety rules to real-life scenarios

RSHE

Friendship

New Beginnings

The opportunity to see themselves as valued individuals within a community, and to contribute to shaping a welcoming, safe and fair learning community for all.

What makes a good friend

Mutual respect

DESIGN TECHNOLOGY

Round Houses

Investigate

How to strengthen, stiffen and reinforce joints

Basic structure of a round house

Design

Model of a round house

Make

Using joining techniques

Evaluate

Compared to their design

Technical

apply their understanding of how to strengthen, stiffen and reinforce more complex structures

ART

Observational drawings with different media.

Self portraits – Frida Kahlo (famous Mexican artist)

Sketches of round houses once created

RE

Why is Muhammad/the Quran important to Muslims?

To know who Muhammad was (PBUH)
To know what happened on the "Night of the Power"

To understand the meaning of "revelation"

To understand that a Mosque is a special place for Muslims

To know how to treat the Qu'ran and why

To know what the Qu'ran represents

To know how the Qu'ran affects the lives of Muslims

To begin to understand the meaning of the word "sacred"

To begin to reflect on what influences them and their behaviour/actions

PE

Athletics and Cross Country

Use running, jumping, throwing and catching in isolation and in combination

Develop flexibility, strength, technique, control and balance

compare their performances with previous ones and demonstrate improvement to achieve their personal best.

Music

Charanga – Living on a Prayer
Cross curricular link to Stone Age with basic instruments