

Year 6 Summer Term
What will we learn this term?

English

Maafa: Our English work this term is linked to our History, Maafa project. We will be read, explore and write newspaper reports, persuasive letters, non-chronological reports and acrostic poems.

Maths

Geometry – Properties of shapes: Draw 2-D shapes using given dimensions and angles. Recognise, describe and build simple 3-D shapes, including making nets. Find unknown angles in any triangles, quadrilaterals, and regular polygons. Illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius. Recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles.

Measurement: solve problems involving the calculation and conversion of units of measure, using decimal notation up to 3 decimal places where appropriate. Use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to 3 decimal places

Ratio and Proportion: Solve problems involving the relative sizes of 2 quantities where missing values can be found by using integer multiplication and division facts

Algebra: Use simple formulae. Generate and describe linear number sequences.

Express missing number problems algebraically. Find pairs of numbers that satisfy an equation with 2 unknowns

Geometry - Position and Movement: Describing positions and drawing polygons on a co-ordinate grid. Describing translations and reflections of shapes.

Graphs and Averages: Calculating averages and interpreting information on line graphs and pie charts.

Negative Numbers: Adding, subtracting and using negative numbers.

Review Unit: Consolidation of previous learning and problem solving.

Science

Light Theory: This project teaches children about the way that light behaves, travelling in straight lines from a source or reflector, into the eye. They explore how we see light and colours, and phenomena associated with light, including shadows, reflections and refraction.

Evolution: This project teaches children how living things on Earth have changed over time and how fossils provide evidence for this. They learn how characteristics are passed from parents to their offspring and how variation in offspring can affect their survival, with changes (adaptations) possibly leading to the evolution of a species.

Computing

Communication and Collaboration: In this unit learners explore how data is transferred over the internet. Learners initially focus on addressing, before they move on to the makeup and structure of data packets. Learners then look at how the internet facilitates online communication and collaboration; they complete shared projects online and evaluate different methods of communication. Finally, they learn how to communicate responsibly by considering what should and should not be shared on the internet.

Web Page Creation: Learners will be introduced to creating websites for a chosen purpose. Learners identify what makes a good web page and use this information to design and evaluate their own website using Google Sites. Throughout the process, learners pay specific attention to copyright and fair use of media, the aesthetics of the site, and navigation paths.

History

Maafa: This project teaches children about Africa past and present and the development of the slave trade. It also explores Britain's role in the transatlantic slave trade, the causes and consequences of the European colonisation of Africa and the worldwide communities that make up the African diaspora.

Art

Bees, Beetles and Butterflies: This project teaches children about sketchbooks, observational drawing, mixed media collage and Pop Art. They consolidate their learning to make a final piece of artwork inspired by bees, beetles or butterflies.

Design Technology

Food for Life: This project teaches children about processed food and healthy food choices. They make bread and pasta sauces and learn about the benefits of whole foods. They plan and make meals as part of a healthy daily menu, and evaluate their completed products.

PE

6J PE day: Wednesday

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Dance: Identify and repeat the movement patterns and actions of a chosen dance style. Compose individual and group dances that reflect the chosen dance style. Use dramatic expression in dance movement and motifs. Perform with confidence using a range of movement patterns. Dance with fluency and control linking all movements and ensuring that transitions flow. Demonstrative strong and controlled movements throughout a dance sequence

RE

Expressing Joy: How do people express joy? How do people express happiness? Is there a difference between happiness and joy? How do Muslims express their joy in worship? How do followers of Islam express their joy in worship?

Appreciating Beauty: How do we respond to something beautiful? How does the Lord's prayer help Christians to worship God? In what ways could it be said to be beautiful? What is the downside to saying that some things are beautiful?

PSHE

Celebrating Difference: Perceptions of normality, understanding disability, power struggles, understanding bullying, inclusion/ exclusion, differences and empathy

Healthy Me: Taking personal responsibility, how substances affect the body, exploitation (including county lines and gangs) emotional and mental health, managing stress.

Music

Happy: All the learning in this unit is focused around one song: Happy, a Pop song by Pharrell Williams

Classroom Jazz 1: All the learning is focused around two tunes and improvising: Three Note Bossa and Five Note Swing