English

Use figurative language such as similes & alliteration.
Make links between texts and to the wider world.
Use specific vocabulary and ideas expressed in the text to support own responses.
Infer underlying themes and ideas.
Read aloud their own writing, to a group or the whole class, using appropriate intonation and controlling the tone and volume so that the meaning is clear.
Openings & Closings are well signalled, linking where possible.
Write from memory sentences dictated by the teacher.
Writing is organised in to appropriate paragraphs around a theme and are organised logically.
Can use expanded noun phrases including prepositions.
Use possessive apostrophes and the plural 's' accurately.

Mathematics

Count backwards through zero to include negative numbers.
Order and compare numbers beyond 1000.
Identify, represent and estimate numbers using different representations including measures and measuring instruments.
Round any number to the nearest 10, 100 or 1000.
Solve number and practical problems that involve place value and rounding and with increasingly large positive numbers.
Read Roman numerals to 100 (I to C).
Use both mental and written methods with increasingly large numbers to aid fluency.
Add and subtract numbers with up to 4 digits using the formal written methods.
Estimate and use inverse operations to check answers to a calculation.
Solve addition and subtraction two-step problems in contexts.
Recognise and use factor pairs and commutativity in mental calculations.
Use place value, known and derived facts to multiply and divide mentally.
Add and subtract fractions with the same denominator e.g. 2/5 + 4/5 = 6/5.
Find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as units, tenths and hundredths.
Measure and calculate the perimeter of a rectilinear figure in centimetres and metres.
Find the area of rectilinear shapes by counting squares.
Compare lengths and angles to decide if a polygon is regular or irregular.

Tower Hill Primary School

Curriculum Map

Year 4

Summer Term

Key Stage 2
Year 4
Foundation Subjects

Geography
To be able to locate cities and states in North and South America.
To plan a great American Road Trip, considering climates, populations and entertainment in various places.

Science
To identify, classify and record common appliances as mains or battery operated.
To understand that electricity can be dangerous.
To name the components in a circuit and make comparative tests when altering them.
To recognise that some materials are conductors and insulators, using previous knowledge of circuits.
To identify, observe and record variables that affect bubbles.
To test how much air sweets contain.
To carry out a survey to find the best tasting sherbet.
To plan and carry out a fair test.

Art
Pop Art
To learn about great artists, architects and designers in history.
To record their observations and use them to review and revisit ideas.
To improve their mastery of art and design techniques, including drawing and painting.

Music
Instrumental: Keyboard
Voice: To be able to feel and maintain a steady pulse internally. To start to develop sense of metre in compound time songs (feeling the strong beat – **ti**-ti-ti **ti**-ti-ti) recorder.

History:
To understand who the Anglo-Saxons are, why they invaded and where they settled.
To investigate where the Vikings came from and how and why they invaded Britain.
To understand how some Kings in Britain dealt with the Viking invaders.
To understand what happened during the Viking invasions and know what Viking warriors were like.
To understand what Vikings lived and worked.
To understand who Edward the Confessor was and how death in 1066 affected Britain.

Planned Visits and Visitors
The children will take part in swimming lessons, and will visit Winchester Cathedral, Museum of London and will have a Viking workshop.

Religious, Personal, Social, Moral and Health Education.
Children can describe how protection is expressed by Hindus in the festival of Raksha Bandhan.
Children describe the value, for Hindus, of celebrating protection.
To describe what temptation means and why it is/is not important for Christians to recognise that Jesus was tempted
To describe situation when people might be tempted.
To describe how something or someplace can be sacred.

Information and Communication Technology.
Microbits Control Technology- Sound
To analyse problems in computational terms, and have repeated practical experience of writing computer programs in order to solve such problems
To evaluate and apply information technology, including new or unfamiliar technologies, analytically to solve problems

Design Technology
Develop the creative, technical and practical expertise needed to perform everyday tasks confidently and to participate successfully in an increasingly technological world
To build and apply a repertoire of knowledge, understanding and skills in order to design and make high-quality prototypes and products for a wide range of users
To critique, evaluate and test their ideas and products and the work of others

Physical Education
Athletics, Dance, Tennis and OAA
Swimming
To use running, jumping, throwing and catching in isolation and in combination.
To develop flexibility, strength, technique, control and balance, through athletics.
To perform dances using a range of movement patterns.
To take part in outdoor and adventurous activity challenges both individually and within a team.
To swim competently, confidently and proficiently.
To use a range of swimming strokes effectively when swimming.