

English

**Plan writing by:**

- Identifying the audience for and purpose of the writing, selecting the appropriate form and using other similar writing as models for their own
- Noting and developing initial ideas, drawing on reading and research where necessary

**Draft and write by:**

- Selecting appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning
- In narratives, describing settings, characters and atmosphere and integrating dialogue to convey character and advance the action

**Evaluate and edit by:**

- Assessing the effectiveness of their own and others' writing
- Proposing changes to vocabulary, grammar and punctuation to enhance effects and clarify meaning

**Proof-read for spelling and punctuation errors**

- Use knowledge of phonics, morphology and etymology to spell new & unfamiliar words.
- Know and apply common spelling rules.

**Understand what they read by:**

- Discussing their understanding and exploring the meaning of words in context
- Asking questions to improve their understanding
- Drawing inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence
- Identifying how language, structure and presentation contribute to meaning

Mathematics

- Read, write, order, compare & round numbers to at least 1 000 000 & determine the value of each digit.
- Identify multiples & factors, including finding all factor pairs of a number & common factors of two numbers.
- Know and use the vocabulary of prime numbers
- Multiply and divide numbers mentally drawing upon known facts.
- Multiply and divide whole numbers and those involving decimals by 10, 100.
- Solve problems involving addition, subtraction, multiplication and division.
- Compare & order fractions whose denominators are all multiples of the same number.
- Recognise mixed numbers & improper fractions & convert from one form to the other
- Add and subtract fractions with the same denominator.
- Round decimals with one decimal place to nearest whole number.
- Measure and calculate the perimeter and area of composite shapes in cm & metres
- Solve problems involving converting between units of time
- Identify 3d shapes, including cubes and other cuboids, from 2d representations
- Know angles are measured in degrees: estimate & compare acute, obtuse & reflex angles.
- Complete, read and interpret information in tables, including timetables.

# Tower Hill Primary School



## Curriculum Map Year 5 Autumn Term

### Science

- Forces /Animals Including Humans
- To understand the forces of gravity and friction.
- To experiment with resistance between surfaces and how pulleys can affect the force needed to move/lift objects.
- To describe and explain physical phenomena.
- To know the life Processes common to humans and animals.
- To know the aging processes of humans.

### Design Technology

#### Food Technology/Cams

- To know the process involved in preparing and making a Tudor banquet.
- To produce a moving model using a cam. To put a working cam within a frame deciding their own theme.

### Music/Creative Development

- Listen2Me- Instrumental
- Voices Foundation - compound time notation, songs in three parts, melodic instruments to perform melodic phrase structure, responses to short sung phrases (doh and lah pentatones).

## Year 5

All children in Year 5 will be working on these areas, at their own level.

### Computing - Spreadsheets

- To be able to enter data into a cell
- To be able to format cells using rules
- To use simple formulae to complete calculations using an excel spreadsheet
- To use an excel spreadsheet to complete simple tasks

## Autumn

## Horrible Henry!

### Art/Creative Development

#### Portrait Painting/Tudor Dolls

- To have a greater understanding of positioning and proportion to create a portrait.
- To study the style of other artists when painting the wives of Henry VIII.
- To use watercolours to create their own portrait of one of the wives.
- To make their own 'Tudor Doll' combining a range of techniques and skills.

### History: Study

#### The Tudors - Henry VIII

- To locate the Tudors within the context of the history of Britain.
- To understand who Henry VIII was and his effect on English life including the dissolution of the monasteries.
- To investigate the wives of Henry VIII.
- To understand the differences in quality of life for the rich and poor.
- Was Henry VIII a terrible Tudor or not?

### Religious, Personal, Social, Moral and Health Education.

- Bible Explorers - The stories of the Old Testament
- To understand our rights and responsibilities
- To be able identify what makes a good friend.

### Physical Education

#### Netball, Football and Dance

- To refine defending, attacking and marking skills in order to work successfully as part of team in 'high 5' netball and football.
- Copy, repeat, rehearse and refine simple dance motifs, applying actions with coordination and control.