

MATHS

Number and Place Value

Read, write, compare and order 7-digit numbers, round 7-numbers to the nearest 10,000, 100,000 and 1,000,000, use negative numbers in temperature, calculate intervals across 0, use place value to add and subtract numbers to 3 decimal places, round decimal numbers to the nearest whole, tenth and hundredth.

Mental addition and subtraction, order of operations

Add and subtract near multiples of integers, use knowledge of the order of operations and brackets to carry out calculations, solve addition and subtraction multi-step word problems.

Co-ordinates, statistics and measures

Plot points and draw polygons in all four quadrants, work out new co-ordinates after translation or reflection, construct and interpret pie charts, draw a line graph and read intermediate points.

Mental multiplication and division, written division

Solve problems by scaling up or down, multiply and divide numbers with up to 2 decimal places, use long multiplication to multiply 3-digit and 4-digit numbers by numbers between 10 and 35.

Fractions, percentages and statistics

Compare fractions with unrelated denominators, recall decimal equivalents for fractions, recognise equivalent fractions, decimals and percentages, find percentages of amounts, calculate and interpret mean as an average, multiply pairs of fractions, divide fractions by whole numbers

Algebra

Understand and use simple formulae, express missing number problems algebraically.

Area, perimeter and volume

Find the area of triangles, parallelograms and rectilinear shapes, find volumes of cubes and cuboids.

Shape, ratio and percentages

Solve problems involving scale factors, describe ratios between unequal quantities, solve problems between unequal quantities.

TOPIC

Key events of Tudor times

Famous Tudors

Life in the Tudor Times – comparison between the rich and poor
Tudor exploration – Christopher Columbus and Sir Walter Raleigh

ART and DESIGN

Portraits of Henry VIII

Giuseppe Arcimboldo

SCIENCE

Inheritance and Evolution

Recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago, recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents, identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution

Living things & their habitats

Describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals, give reasons for classifying plants and animals based on specific characteristics.

WHAT ARE WE LEARNING IN TERMS 3 & 4 in Badgers?



ICT

E-safety: Learning to evaluate and analyse the safety and reliability of a website, know how to find reliable sources of information on the internet, explain how a search engine works.
Programming: Scratch skills, creating a Tudor maze game.
Software: Developing software skills to include Microsoft word, Excel, PowerPoint and Publisher.

MUSIC

The Tudors: The Pavan. Pupils identify its characteristic musical features and rhythms before attempting to dance the Pavan and performing and composing their own modal Pavan melodies

ENGLISH

Fiction

Character descriptions

Warning stories

Non-Fiction

Persuasive writing

Grammar

Subjunctive form, active and passive voice, formal and informal writing, revision of all punctuation taught.

Spellings

Year 5/6 statutory words, words with unstressed vowels, words with endings /shuhl/ after a vowel and after a consonant letter, words with common letter string 'acc' at the start, words ending in '-ably' and '-ible', adding the suffix '-ibly' to create an adverb, changing '-ent' to '-ence', -er, -or. -ar, at the end of words, grammar vocabulary, mathematical vocabulary.

FRENCH

Our School – Telling the time, revise numbers to 30, recognise and say places in school, masculine and feminine words, lessons in school, read and understand a school timetable.

RE

Is anything ever eternal?

Is Christianity still a strong religion 2000 years after Jesus was on Earth?

PSHE

Discussion of tricky topics

Bullying: Prepare to Stand Up and Stand Out

PE

Real Gymnastics: developing core skills

Real PE: units that focus on cognitive skills

Games: Netball

Dance: Performance in the dance festival