Curriculum Map	Year 6	St Michael's School

Geography

On a world map locate the main countries in Africa, Asia and Australasia/Oceania. Identify their main environmental regions, key physical and human characteristics, and major cities.
Locate and name the main counties and cities in England.
Linking with local History, map how land use has changed in the local area over time.
Identify the position and significance of latitude/longitude and the Greenwich Meridian.
Linking with science, time zones, night and day
Compare a region of the UK with a region in Europe, eg. local hilly area with a flat one or under sea level. Link with France
Describe and understand key aspects of :Human geography including trade between UK and Europe and Rest of the World
Fair/unfair distribution of resources (Fairtrade).
Use maps, atlases, globes and digital/computer mapping mapping (Google Earth) to locate countries and describe features studied
Extend to 6 figure grid references with teaching of latitude and longitude in depth
Expand map skills to include non-UK countries.
Use fieldwork to observe, measure and record the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies.

Music

Vocal skills - unison, 2,3, and 4 part singing
Performance - Christingle, Thanksgiving, Young Voices Concert, Form 6 informal concert, group/class compositions
Notation - using Flat IO, graphic
Instruments - keyboards, boomwhackers, classroom percussion, world instruments and own instruments
Composition - firework rap, advertising jingles, world music
Improvisation - jazz, explore mood
Listening topics - Percussion around the world, listening diary
Discuss own and others performances and compositions

PE & Games

Compete with others and keep track of personal best performances, setting targets for improvement.
Throw accurately and refine performance.
Show control in take off and landings when jumping and shape in the air. Using the body to spin.
Running short sprints and techniques.
Running for distance and endurance strategies.
Create well-executed sequences that include a full range of movements
Choose and combine techniques in game situations e.g. running, throwing, passing
Work alone, or with team mates in order to gain points or possession
Choose the most appropriate tactics for a game
Strike a bowled or volleyed ball with accuracy
Uphold the spirit of fair play and respect in all situations
Lead others if called upon and act as a good role model within a team
Sporting Fixtures:

House matches, friendly matches, ISA, SPSSA Netball, Tag Rugby, Hockey, Football, Cross Country, Sportshall Athletics, Borough Sports and Super Sports by selection.

Computing

Michaelmas Term: Digital Literacy: Online safety
Information Technology: Spreadsheets
Lent Term: Information Technology and computer science: Understanding how the internet works and physical systems, creating light and sound digitally.
Trinity Term: Computer Science: Programming physical systems - special project open ended challenge Information Technology and computer science: Creating Web Pages and sites

Modern Foreign Languages

Michaelmas Term: Puedo - I can (with activity phrases).
Spanish festivals - celebrations.
Lent Term: En el colegio - school subjects and opinions.
Clothes - say what you wear in different situations.
Trinity Term: El fin de semana - weekend activities (including past and future tenses).
Mi casa - my home.

PSHE

Michaelmas Term: Living in the Wider World: Respecting Rights.
Relationships: VIPs
Lent Term: Health and Wellbeing: Safety First.
Living in the Wider World: One World.
Trinity Term: Relationships: Growing Up.
Health and Wellbeing: Think Positive.

Design and Technology

Pupils rotate through the three skills sections termly over the year.

Cooking: Revisit food hygiene. Use by and Sell by dates. Design and make pasta sauce and pie. Food waste presentation.

Sewing: Design and make a Sock Monkey and a waistcoat for it.

Construction: Design and make a family board game.

Art and Design

Michaelmas Term:
Fabric designs using fruit as inspiration. Ink and acrylics.
Lent Term:
Portraits; measuring proportions, adding tone. Colour and emotion in portraits, using Matisse as an example.
Trinity Term:
Special study based on Japanese Notans. Take One Picture.

Educational Visits

Michaelmas Term:
Outdoor Education Day at Othona
Lent Term:
Outdoor Education Day at Othona
Trinity Term:
Outdoor Education Day at Othona
Young Voices Concert at the O2 (Music)
Form 6 residential Week

St Michael's School Curriculum Map

Year 6

English

Narrative
Write stories in the mystery genre
Write stories which contain a flashback
Recreate writing styles of a given author

Non-fiction
Write biographies
Write using a journalistic style
Balanced and one sided arguments
Formal and informal letters
Write personal responses to real l ife issues

Poetry
Learn by heart and perform a sig nificant poem
Revise construction of a variety of poems, including haiku and cinqu ain
Explore and write poems that con vey an image using similes, metap hors and personification.

Reading
Read and listen to a wide range of styles of text including non-fiction texts, texts based on historical events, modern fiction and books from other cultures.
Learn poetry by heart
Use the class, school and community libraries.
Read, listen to and discuss whole novels
Explore complex texts and extracts, answering a range of comprehension questions to demonstrate complex understanding.

Handwriting
Write legibly and fluently with increasing speed and personal style.
Choose the writing implement that is best suited for a task.

Grammar
Use a wide range of adjectives and adjectival phrases, adverbs, adverbial and prepositional phrases to add description and elaboration to writing
Use expanded noun phrases to convey complicated information concisely
Punctuate bullet points accurately with colons and semi-colons.
Use passive voice to present information in an objective way.
Recognise difference between personal and impersonal tone
Distinguish between informal and formal vocabulary and sentence structures
Use a broad range of punctuation accurately: full stops, capital letters, question marks, exclamation marks, apostrophes, commas, brackets, ellipsis, speech marks, semi colons, colons, dashes
Use a range of strategies to create varied sentence structures when writing, including fronted adverbials, a range of conjunctions, subordinate and embedded clauses

Spelling
Along with revisiting and securing previously taught skills, children should also be taught:
Words ending in –ant, –ance/–ancy, –ent, –ence/–ency
Adding suffixes beginning with vowel letters to words ending in –fer (E.g. referring, referred, referral, preferring, preferred, transferring, transferred)
Use of the hyphen (E.g. co-ordinate, re-enter, co-operate, co-own)
Words with 'silent' letters (i.e. letters whose presence cannot be predicted from the pronunciation of the word) – (E.g. doubt, island, lamb, solemn, thistle, knight)
Homophones and other words that are often confused (E.g. advice/advise, device/devise, licence/license, practice/practise)

Drama

Enacting stories (the teacher as director/narrator - in or out of role)
Working in role
Using lighting, books, scripts, props, costumes, music
Using drama strategies, mediums and elements
Learning scripts
Rehearsing for Christingle
Performing at Christingle
Rehearsing for the Prep Play
Performing in the Prep Play
Responding to performances

Maths

Number, Place Value and Rounding
Read, write, order and compare numbers to at least 10,000,000, determine the value of each digit
Multiply and divide negative numbers

Addition and Subtraction
Revision as needed

Multiplication and Division
Long division - use appropriate long division methods of 2-digit into 4 or 5 digit numbers
Interpret remainders as whole numbers, decimals, fractions or by rounding as appropriate
Common factors, common multiples, LCM, HCF

Curriculum Map Year 6 St Michael's School

Recognise and use simple standard form
Solve problems involving all four operations, including multistage problems. Use rounding and inverse to check answers
Use knowledge of order of operations to carry out calculations involving four operations (BIDMAS)

Fractions and Decimals
Add and subtract fractions with re-grouping
Multiply and divide proper fractions and mixed numbers by proper fractions and mixed numbers
Round decimals to 1/2/3 decimal places
Multiply/divide a decimal by a decimal
Recognise recurring decimals and use the correct notation
Convert more complex decimals to % and fractions eg 34% = 0.34= 17/50 331/3= 0.33333…= 1/3 etc.
Solve problems using the above
Solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts
Solve problems involving the calculation of percentages and use of percentages for comparison
Solve problems involving similar shapes where the scale factor is known or can be found
Solve problems involving unequal sharing and grouping using knowledge of fractions and multiples

Algebra
Write simple algebraic expressions and then solve them, including for perimeter and area of regular and simple compound shapes
Generate and describe linear number sequences
Express missing number problems algebraically
Find pairs of numbers that satisfy equations with two unknowns
Enumerate possibilities of combinations of two variables, numbers, and proper fractions

Properties of Shapes
Calculate angles on parallel lines including vertically opposite angles
Identify dodecagon and icosagon
Use markings for parallel lines and right angles
Illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius
Construction of triangles of all types using combination of angles and lengths

Position, Direction and Movement
Translate shapes and describe the translation using appropriate vocabulary
Reflect shapes in the axes
Plot co-ordinates in four quadrants

Measures
Convert between miles and kilometres
Write algebraic expressions for perimeter and area of regular and simple compound shapes
Recognise when it is possible to use formulae for area and volume of shapes
Calculate, estimate and compare volume of cubes and cuboids using standard units, including cm3 and m3, and extending to other units
Use all four operations to solve problems involving measures, including using decimal notation and scaling

Statistics
Read and interpret line graphs and distance charts to solve problems
Use and interpret averages including mean, median and mode and solve simple problems using different kinds of averages
Interpret and construct pie charts
Use fractions or percentages to describe the likelihood of particular events occur-ring
Take account of unequal probability and changing outcomes when problem solving.

Science

Evolution and inheritance (Biology)
Fossils provide information about living things millions of years ago
Offspring vary
Adaptation may lead to evolution
Classification

Light (Physics)
Light travels in straight lines
We see because light is reflected or given out by objects
Light travels from light sources
Shadows change

Electricity (Physics)
Identify and name parts of a circuit
Associate brightness of bulb etc with number and voltage of cells
Compare and give reasons for variations in how components function

Biographies of relevant scientists

History

Michaelmas Term: The Victorians
Lent Term: World War 2
Trinity Term: Key Inventors Project

Skills
Pupils show increasing depth of factual knowledge and understanding of aspects of the history of Britain and the wider world. They use this to describe features of past societies and periods and to begin to make links between them.
They describe events, people and changes. They describe and make links between events and changes and give reasons for, and results of, these events and changes.

Religious Education

Michaelmas Term: What matters most to Christians and to Humanists?
What do religions say to us when life gets hard?
Lent Term: What difference does it make?
Trinity Term: Is it better to express beliefs in art of charity?