



Lowther Primary School – Curriculum Map

Year 5 - Summer Term

Core Curriculum	Wider Curriculum		
Mathematics <i>Geometry</i> Angles, shapes, position and direction, perimeter and area. <i>Measurement</i> Converting units, volume. Number: Prime numbers. Geometry: Recognise angles, triangles and quadrilaterals, draw and calculate lengths and angles, use protractor, translate and reflect shapes. Measurement: Convert measurements and time.	Art Use collage and charcoal to create mountain ranges and settings.	History Elizabeth I's "Sea dogs". Decide why Elizabeth I encouraged privateers to attack Spanish ships. Consider sources of Spanish and English wealth and learn how Armada was defeated.	PE Athletics: Improve sprint technique, work on relay baton change. Rounders: Develop throwing and catching skills, focus on teamwork and batting technique.
English Recounts: The Conquest of Everest. Learn key features of recounts, take notes during talk by Sir Edmund Hillary, retell recount orally, write recounts in role, use drama to explore George Mallory and Sandy Irvine's 1924 expedition. Beowulf (by Michael Morpurgo): Create word chains (vocab), write and deliver news report, describe setting, create advertisement for a hero, write kennings (poetry), write and make speech.	Computing Compose musical phrases on Micro:bits and write algorithms to play phrases on pitched instruments (e.g. glockenspiels) Study website layout & design own.	Modern Foreign Languages Italian	PSHE and PATHs PATHs: Being responsible and caring for others. RSE: Changing adolescent body
Science Living things and their Habitats. Lifecycle of plants and flowers, including sexual and asexual reproduction. Lifecycles of insects and amphibians Lifecycles of mammals, including humans	Design and Technology Compare and contrast historical and modern climbing equipment. Design new kit.	Music Playing tuned instruments (guitar). Using staff and other notation.	RE Creation stories and the questions they raise- Islam/Judaism.
	Geography Mountains: Learn how mountains are formed, identify Earth's largest ranges, know significance of Everest finds, locate British mountain ranges.	Spelling Using etymological/ morphological strategies, proofreading words on statutory list, use of dictionaries, homophones, problem suffixes.	Trips Dance show at Polka Theatre. Barnes Children's Literature Festival. Barnes Common flooding workshop.



Lowther Primary School – Curriculum Map

Year 5 - Spring Term 2022

Core Curriculum

Wider Curriculum

Mathematics

Multiplication

Multiply 4-digit numbers by 1 and 2-digit numbers.
Divide 4-digit numbers by 1 and 2-digit numbers, including remainders

Fractions, decimals and percentages

Find equivalent fractions, decimals and percentages.
Convert improper fractions to mixed numbers and vice versa. Add, subtract, multiply and divide fractions. Find fractions of amounts.
Round and order decimals.
Compare percentages.

English

Narrative Poetry: The Highwayman. Explore unfamiliar vocabulary using dictionaries, write in role, learn and perform part of poem, write monologues, write prose version of poem.

Significant Authors: Research and make presentation about Michael Morpurgo, study Shadow as class novel, develop comprehension, explore dilemma, write formal and informal letters.

Film Narrative: Explore meaning of The Piano and write own version of story.

Science

Materials

Classify materials by property and investigate ability to insulate and conduct heat. Study changes of state, including reversible and irreversible changes.

Forces

Study forces and opposing forces. Investigate friction and apply in school setting. Consider air and water resistance.

Art

Painting and Collage

Focus on Monet's *Thames below Westminster*
Sketch at Thames and use paint and collage to represent rivers.

Computing

Trinket programming. Present PowerPoints on mountains and Morpurgo. Web design. Validity of info and fact checking.

Design and Technology

Climbing equipment
Investigate materials needed for good climbing equipment. Produce own design.

Geography

Rivers

Identify importance and key features of rivers. Learn about major rivers worldwide and in UK. Visit River Thames, study wildlife and find out how polluted it is.

History

N/A this term.

Modern Foreign Languages

Italian

Music

Phonics/Spellings

Rare spelling patterns, words ending in -ably and -ibly, homophones, proofreading, building from root words, 'ei' and 'ie' words

Physical Education

Hockey

Send push pass and dribble, pass/receive on move, work as team.

Athletics

Accelerate, change pace, pass baton, use variety of jumps.

PSHE and PATHS

Religious Education

Celebrations related to key figures

What themes do Passover and Easter have in common?

Trips