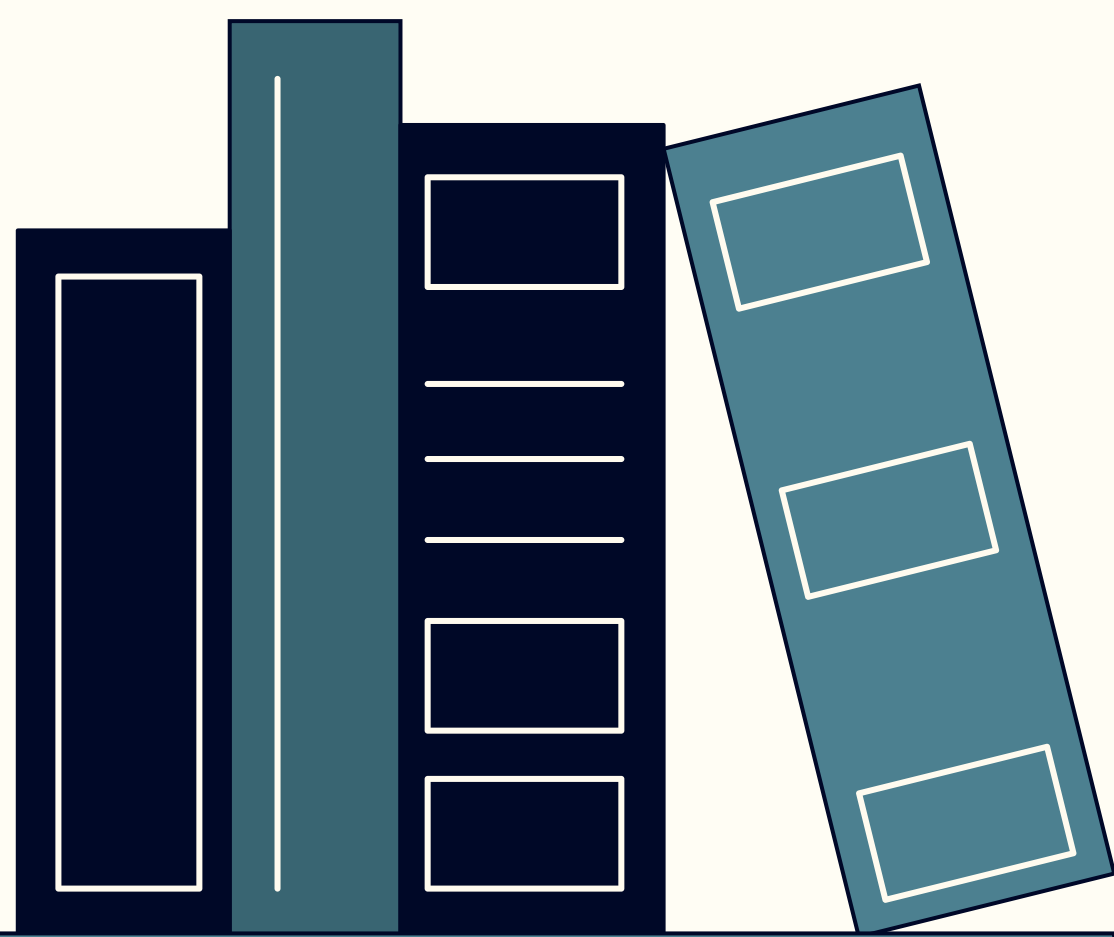


WHAT WILL MY CHILD BE LEARNING ABOUT IN SCHOOL?

YEAR 7



SUBJECT	TERM 1	TERM 2	TERM 3	'EXTEND LEARNING' OPPORTUNITIES	RECOMMENDED READS
ENGLISH	Social & political protest (<i>Animal Farm</i>) Students will be introduced to allegory, exploring unequal hierarchies through Orwell's depiction of the Russian Revolution. Students will explore persuasive devices, crafting a letter in role as one of the animals from Orwell's allegory.	Shakespeare: From page to stage (<i>Romeo & Juliet</i>) Students will be introduced to dramatic conventions and symbolism through Shakespeare's play Romeo and Juliet, as well as learning about life in Elizabethan England.	Voyages (poetry) Students will read and analyse a range of poetry revolving around the theme of seafaring voyages and exploration. Students will then craft descriptive journal entries around the theme.	Watch Animal Farm online: https://www.youtube.com/watch?v=qND5bS8_AY RSC Learning Zone: www.rsc.org.uk/shakespeare-learning-zone/romeo-and-juliet BBC Radio 4, 'In Our Time' episode on Romeo and Juliet: www.bbc.co.uk/programmes/m0014gm1 BBC Radio 4, 'In Our Time' episode on 'The Rime of the Ancient Mariner': www.bbc.co.uk/programmes/m000srdx	
MATHS	Number sense and calculations Expressions and equations Measures	2D Shapes Perimeter and area Coordinates Factors, multiples and primes Fractions Brackets	Angles Handling data and statistical diagrams Proportion Fractions, decimals and percentages Probability	Life Science Centre - Newcastle: STEM exhibitions, coding workshops, interactive maths shows. Discovery Museum - Newcastle: Engineering, invention, and problem-solving exhibits. Locomotion - Shildon: Railways, forces, mechanics – great for maths in motion. Kielder Observatory - Nothumberland: Astronomy meets maths: orbits, distance, scale. Hopetown - Darlington: rich and engaging maths and STEM learning environment through observation, interaction, creativity, and real-purpose context.	The Number Devil - Hans Magnus Enzensberger Murderous Maths series - Kjartan Poskitt Maths Curse - Jon Scieszka & Lane Smith The Great Number Rumble - Cora Lee You Do the Math series - Hilary Koll & Steve Mills
SCIENCE	Safety and practical science 7.1 Ecosystems: Food chains; Food webs; Bioaccumulation; Pollination 7.2 Matter: Staes of matter; Purity; Separating mixtures 7.3 Electromagnets: Series and parallel circuits; Current; Potential difference; Resistance 7.4 Energy: Energy in food; Power; Energy resources; Conservation of energy	7.5 Organisation: Skeleton; Muscles; Cells; Adaptations 7.6 Forces: Calculating speed; Distance tie graphs; Motion; Balanced and unbalanced forces; Gravity 7.7 Genetics: DNA and chromosomes; Variation; Reproductive systems; Menstrual cycle; Fertilisation and gestation	7.8 Reactions: Acids and alkalis; pH and indicators; Reactions of acids and metals 7.9 Waves: Features of waves; Reflection; Refraction; Lenses; The eye 7.10 Earth: Structure of Earth; Rocks; Rock Cycle; Days and years; Space and our solar system	The Great North Museum (Hancock) - Ecology Life Museum - Genetics; Space; Discovery Museum Botanical Gardens - Flowers and biodiversity Cragside - Hydroelectricity Planetarium - Space Farms and Zoos At home science experiments: https://www.iop.org/explore-physics/at-home Documentaries: David Attenborough, Brian Cox,	Horrible Science book set Fairy Tale Physics by Sarah Allen Science you can eat by Stefan Gates What a waste by Jess French How to be an engineer by Carol Vorderman Kay's Anatomy by Adam Kay Kay's Marvellous Medicine by Adam Kay A Life on Our Planet by David Attenburgh
FRENCH	Myself, my family, my friends: Students will learn how to describe themselves, their family members, and their friends by their personality and physical descriptions . They will encounter two key verbs: avoir and etre , learning how to conjugate them in the present tense. They will also learn the rules of adjectival agreement according to gender of nouns .	School: Students will learn how to talk about their new school subjects , describe their daily routine at school and give their opinions on their favourite and least favourite subjects. Free-time activities: Students will learn how to talk about what they do in their free-time, split into three parts: sports, activities at home, activities in town . They will learn how to form the present tense of regular -er verbs as well as two key irregular verbs: aller and faire .	Home, town, and region: Students will learn how to describe where they live , including what their home is like and what there is to do in their town. They will learn what an infinitive verb is and how to form infinitive constructions using the on peut + infinitive structure.	Films: Petit Nicolas(2009), My Life as a Courgette(2016), Asterix at the Olympic Games(2008), Tintin and the Mystery of the Golden Fleece, Asterix: The Secret of the Magic Potion(2018)	Les histoires de Père Castor: Jaques et les Haricots Magiques, Le Chat Botté, Pinocchio. Max et Lili: Max n'aime pas l'école by Dominique Saint Mars T'choupi by Thierry Courtin.
GEOGRAPHY	Africa - Throughout this topic, students explore Africa as a diverse content with different biomes. They focus on how people and animals in the Horn of Africa and the Sahel region are impacted by drought and desertification . In addition they explore the opportunities and challenges of people living in Shanty towns .	Antartica - Students study the physical geography of Antarctica and how this can causes challenges to people such as Captain Scott and his race to the South Pole . We look at the need for animal adpatations in order to survive this harsh climate and how the Antarctic Treaty is a success at protecting this unique environment.	Oceania - Students explore the smallest continent on Earth with a key focus on how the climate in the Australian outback cause people, plants and animals to adapt to live in the hot and dry conditions . Students look back in history to the treatment of the Aboriginal people and the stolen generations before considering tourism in this continent through the Great Barrier Reef and Uluru .	Documentaries Africa -(Our drinking water is drying up) https://www.youtube.com/watch?v=_t6sg2C-jqw Antarctica - (Frozen Planet) https://www.bbc.co.uk/iplayer/episode/b00zj1q5/frozen-pl-anet-1-to-the-ends-of-the-earth Oceania - (Australia with Simon Reeve) https://www.bbc.co.uk/iplayer/episode/b01y0fx9/australia-with-simon-reeve-episode-1?seriesId=unsliced Research Task To widen and develop your geographical understanding of processes and your place based knowledge of the world create a case study of a recent drought event.	Africa , Amazing Africa / Holes / The Last Bear
HISTORY	The Norman Conquest c1066 – 1087 Conquest and control Life in Medieval England c1087 – 1485 Village Life, the Black Death	Tudor England 1485 – 1603 Henry VIII, Mary I and Elizabeth I Stuart period 1603 – 1714 Gunpowder Plot, Civil War	British Empire c1550 – c1900 Where, why, how? Legacy: Britain's role in the Transatlantic slave trade c1560 - c1830 Impact	Norman Conquest and Tudor England units - visit to Durham Cathedral and castle, or any other castles in the north east. A visit to Hartlepool Historic Quay to learn about Britain's maritime history during the time of Nelson and Trafalgar.	Historical Fiction for each era / term 1) Medieval England: The Door in the Wall by Maruerite de Angeli 2) Tudor England - The Shakespeare Stealer by Gary Blackwood 3) Empire and Slavery - The Journey of Little Charlie by Christopher Paul Curtis
RELIGIOUS STUDIES	How do we know? This topic focuses on a multi-disciplinary approach that focuses on the 'lenses' to view the world (social science, theological and philosophical, including Plato and Aristotle).	Does God exist? This topic builds on students' knowledge of philosophy (from their previous topic) where they look in more depth at arguments such as the cosmological and teleological argument.	Islam To explore a different world religion and how the beliefs and practices compare to Christianity. This links to a visit to a mosque as part of enrichment week.	1.Oriental Musuem in Durham (throughout the year they have exhibitions and activities celebrating different religious festivals) 2. Durham Cathedral 3. Newcastle Central Mosque	'Song Walker' by Zillah Bethell 'The Breadwinner' by Deborah Ellis
ART	Artists make marks: mark making, monoprinting, tonal drawing. artists respond to their surroundings: continuous line drawing, drawing from observation, watercolour, digital editing	Artists explore media: design process, artist research, sewing skills, photography skills, digital editing	Artists break the 'rules': painting skills, collage, character design, layouts, colour theory, developing ideas	https://thisisfsdartanddesign.weebly.com/extended-learning.html	https://thisisfsdartanddesign.weebly.com/ks3-reading-list.html
MUSIC	An introduction to everything music! Terminology, notation etc. through singing and performance activities.	Electronic Dance Music: structure and texture Composition of a piece of EDM. African Drumming: rhythm, structure and texture	Pupils perform and compose pieces inspired by West African drumming .	a) The Glasshouse Weekend School (Durham) Held at The Glasshouse International Centre for Music, this flexible weekend program offers pupils and families interactive workshops spanning singing, notation, drumming, and composition. It's a great way to extend Year 7 learning in a relaxed, hands-on environment. b) Explore Gala Theatre Durham listings Keep an eye on the Gala Theatre's events page for family-friendly music workshops and performances, such as community drumming sessions, live electronic music showcases, seasonal singing events, and more. These are excellent for reinforcing school topics in a real-world setting.	1. "Taylor Swift, Charli XCX and Springsteen..." Publication: The Guardian Summary: Live music boosted UK economy by £10bn in 2024. Link: https://www.theguardian.com/business/2025/jul/01/taylor-swift-charli-xcx-and-springsteen-among-live-music-acts-who-gave-uk-10bn-lift-in-2024 2. "Sony Music spends \$2.5bn on songs..." Publication: Financial Times Summary: Labels invest billions in classic song rights and streaming. Link: https://www.ft.com/content/9b7893bd-37f3-40ca-b30a-672e5c386e01
DRAMA	Introducing drama Improvisation, mime and characterisation	Drama explorations - whole-group drama	Playing Shakespeare – how to speak the speech Romeo and Juliet	Theatre visits Joining extracurricular drama groups	Romeo and Juliet by William Shakespeare
COMPUTER SCIENCE	Digital skills: Organising classwork E-Safety Basic Office software and linking to 365 home access Effective Internet search techniques The Internet	Algorithms and problem-solving Introduction to python programming Creating and interpreting algorithms using flowcharts Algorithmic puzzles	Python Programming Programming with python turtle Understanding syntax and logic Making a calculator Creating a game Artificial Intelligence	LEGO Spike Tournament https://hourofcode.com/uk https://electronics.howstuffworks.com/tech https://www.bbc.co.uk/bitesize/subjects/zvc9q6f	The Last Whale by Chris Vick Yusuf Azeem is Not Hero by Saadia Faruqi
FOOD & NUTRITION	Healthy eating Why do we eat food?	Cooking methods Food Safety - Personal hygiene in the kitchen Critical temperatures	Food Providence - Seasonal food Where does food come from? Food waste	1. Cooking at home 2. Visit Newcastle Grainger market (lots of different food from around the world to try) 3. Watching food programmes such as Masterchef and Bake off	
DESIGN TECHNOLOGY	Drawing Skills Abstracting; Isometric Drawing Plastics and the Work of Others	Commercial Manufacturing CAD/CAM; Standard Components; 2D Design; Systems Considering the Environment Timber; Sustainability	Mechanisms Motion; Gears; Levers Timber-based practical work	1. Discovery Museum 2. Grand designs TV programme 3. The repair shop TV programme 4. Locomation - Shildon	
PE	Sports covered across the year: Orienteering, Badminton, Rugby, Netball, Football, futsal, Table Tennis, Rounders, Cricket, Athletics, Climbing, Fitness, Fitness testing & Sports Leadership. All classes will follow a core PE curriculum which covers a range of sports looking at a range of tactics and benefits. Students will also learn about some key elements of sport, including the importance of a warm up, basic sport psychology, and understanding how our body works. There is a full array of Extra-Curricular Sports Clubs to get involved with throughout the year. After school clubs run from 3-3:45 every day, all students need a PE kit and a drink. Clubs will focus on participation and introductions to the sport, while training or teams will focus more on competition and tactics.			While we have strong links with a range of local sports clubs and teams, students are encouraged to find a local club to them for whatever sport they are interested in. PE staff can help guide students where needed.	



FRAMWELLGATE
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