



Netherhall School – Year 7 Programme of Study

Subject	Autumn Term	Spring Term	Summer Term
English	<p>Baseline writing task - Write about a time in your life when...</p> <ul style="list-style-type: none"> Features of genre including perspective Vocabulary and sentence structures in imaginative ways to impact readers Structuring writing so it is coherent Using ideas from reading to inform independent writing <p>Short Stories</p> <ul style="list-style-type: none"> Analysis of writer's craft including language techniques, structure, narrative perspective Comparisons across texts How context impacts texts Writing academically expressing a view on texts Read critically with understanding of features of genre <p>Enrichment: Careers focus – writer, visit from poet for National Poetry Day</p>	<p>Class Novel - A Monster Calls</p> <ul style="list-style-type: none"> Language techniques, structure, narrative perspective Development of character Read critically with understanding of features of genre Write critically in a suitably academic style Significance of social/historical context in a text's production <p>"Grant for Maryport" - Rhetorical Writing; Speaking and Listening</p> <ul style="list-style-type: none"> Differences between speech and writing Using standard English in formal situations Language techniques for purpose How speeches are structured to impact listeners Importance of non-verbal features in presenting ideas <p>Writing to persuade / present your point of view – Speech Writing</p> <ul style="list-style-type: none"> Structure argument logically and present point of view effectively Using a range of appropriate language techniques and sentence structures to persuade and present a viewpoint <p>Enrichment: Real world context – presenting/pitching to community figures</p>	<p>Shakespeare - A Midsummer Night's Dream</p> <ul style="list-style-type: none"> Features of genre (comedy) Analysis of writer's craft including language and dramatic techniques, structural devices Importance of Shakespeare as a playwright The role of historical/social context in creating meaning Recognising character types and their roles in drama <p>Nature Poetry – focus poet: Wordsworth</p> <ul style="list-style-type: none"> Reading critically and understand a range of poetic genres/forms A range of poetic voices including from English literary heritage/different cultures/poetic movements Poetic techniques (language and structural) and their impact Comparisons across texts and poetic forms The importance of social and historical context in production of texts <p>Enrichment: Potential visit to Wordsworth House/Dove Cottage</p>
Mathematics	<p>N1 & N2 – Four Operations</p> <p>A1 – Sequences</p> <p>S1 – Scales and Measures / Simple Area and Perimeter</p> <p>A2 – Substitution / Functions / Coordinates</p> <p>D1 – Averages / Representing Data</p> <p>N4 & N5 – Simple Fractions, Decimals & Percentages</p> <p>Enrichment: Data collection project</p>	<p>A3 & A4 – Collecting and Simplifying Terms / Solving simple equations</p> <p>S4 – Properties of shapes / Symmetry</p> <p>S2 – Measuring and Calculating Angles</p> <p>D2 – Probability of Events</p> <p>Enrichment: Unifrog – careers involving maths</p>	<p>N3 – Number properties</p> <p>S3 – Properties of Shapes</p> <p>N1 & N2 4 Operations with Rounding</p> <p>A1 – Sequences & Number Patterns</p> <p>Enrichment: Junior Maths Challenge 27th / 28th April 2022. Junior Kangaroo Maths Challenge 14th June 2022. Junior Mathematical Olympiad 14th June 2022</p>
Science	<ul style="list-style-type: none"> Life processes Organs & Tissues Microscopes Cells & Organ systems Solids, liquid and gases Particles Brownian motion Diffusion Air pressure Energy from food 	<ul style="list-style-type: none"> Sexual reproduction& Reproductive organs Becoming pregnant, Gestation and birth Growing up Mixtures & Solutions Evaporation Chromatography Distillation Switches and current Models for circuits Series and parallel Changing current 	<ul style="list-style-type: none"> Hazards Indicators Acidity and alkalinity Neutralisation & Neutralisation in daily life Different forces Springs Friction Pressure Balanced and unbalanced Variation

	<ul style="list-style-type: none"> • Energy transfers and stores • Fuels & Other energy resources • Using resources <p>Enrichment: Annual Science Show</p>	<ul style="list-style-type: none"> • Using electricity • Muscles and breathing • Muscles and blood • The skeleton • Muscles and moving • Drugs <p>Enrichment: Science careers - Unifrog</p>	<ul style="list-style-type: none"> • Adaptations • Effect on the environment • Transfers in food chains • The air we breathe • Earth’s elements • Metals and non-metals • Making compounds • Chemical reactions <p>Enrichment: Forensics workshop</p>
Geography	<p>Geography skills - maps, (continents, countries), longitude and latitude, OS maps (scale, grid references, symbols, contours, measuring), graphs (histograms, line graphs, both drawing and interpreting) and annotation of photographs.</p> <p>Rivers - water cycle, erosion, transportation, waterfalls, meanders, floods and weathering</p> <p>Enrichment: Brief fieldwork practice in front of the school buildings and/or at the river Ellen</p>	<p>Weather and climate - climate graphs, changes in climate, types of weather, air pressure (Summer and Winter), types of rain and tropical storms</p> <p>Africa - countries and capitals, physical characteristics, biomes, plant and animal adaptations, effect of humans on the environment, physical and human features of the Horn of Africa and how do people live in the Horn of Africa.</p> <p>Enrichment: Opportunities for microclimate study around the school buildings</p>	<p>Resources - water, what is life like without water, impacts of water use, conflicts over water, how do we make energy, renewable and non-renewable and soil as a resource</p> <p>Population - world and UK population change, why is it changing and what is the impact of it, changes in employment sectors and a settlement study.</p> <p>Enrichment: Unifrog, careers, renewable energy</p>
History	<p>What is History?</p> <p>The rise and fall of the Roman Empire</p> <p>Local Roman History</p> <p>Introduction to the Dark Ages</p> <p>Battle of Hastings and Norman England</p> <p>How did the Normans impact Cumbria?</p> <p>Enrichment: Visit to the Senhouse Roman Museum in Maryport which will provide insight into an archaeology career. HW Roman shield making project. Extended readings to familiarise pupils with historians’ work: Gombrich ‘On Rome’ and Peter Frankopan and the New Silk Roads</p>	<p>The importance of the Medieval Church</p> <p>Thomas Becket and Henry II</p> <p>Medieval Life: village life, public health in towns, women’s lives and Western and Eastern medicine</p> <p>Enrichment: Extended readings to familiarise pupils with historians’ work: Peter Frankopan and the New Silk Roads, Marc Morris and William I</p>	<p>The Black Death: causes, how it spread throughout Europe, symptoms, cures and impact</p> <p>The Wars of the Roses – causes and the role of Margaret of Anjou</p> <p>Enrichment: Extended readings to familiarise pupils with historians’ work: Peter Frankopan and the New Silk Roads, Sarah Gristwood on Women in the Wars of the Roses</p>
French	<p>Classroom routines and instructions</p> <p>Introducing yourself - name, age, where you live, when your birthday is</p> <p>Enrichment: European Day of Languages</p>	<p>Daily life at school and at home - In my bag, in the classroom, colours, my pets</p> <p>My family - family members, physical description, personality + how you get on with members of your family</p> <p>Enrichment: Daily Life in France</p>	<p>My School - school subjects I like and don’t like, what my teachers are like, my school day, what I like eating in the canteen</p> <p>Enrichment: Residential visit to Château de la Baudonnière, Normandy, July</p>
Spanish	<p>Introducing oneself and a family member</p> <ul style="list-style-type: none"> • Talking about my name and my age • Saying when my birthday is • Saying where I live and where I am from • Describing pets • Classroom instructions and basic phrases <p>Enrichment: National Spanish Week</p>	<p>Describing people</p> <ul style="list-style-type: none"> • Describing personality, appearance and character and saying why I like and dislike them • Describing hair and eyes • Comparing people • Describing what they wear • Classroom instructions and extended phrases <p>Enrichment: Unifrog – careers using Languages</p>	<p>Talking about their own daily activities and someone’s else</p> <ul style="list-style-type: none"> • Saying hobbies, they like and dislike • Saying what I and others do in our free time • Talking about weather and free time • Talking about my daily routine • Classroom instructions and extended phrases <p>Enrichment: Spanish Newspapers and daily life</p>

Information Technology	<p>Networking, e-safety, using computers and the internet</p> <ul style="list-style-type: none"> • The difference between the Internet and internet services • The importance of communicating safely and respectfully online • Navigate the web and carry out simple searches • Obtain content using a web browser and know what to do when concerned about being contacted <p>Computers - Input/output and memory</p> <ul style="list-style-type: none"> • Classify a range of software • The difference between software and hardware • How data is stored on a computer and the functions of the integral parts • Input-process-output cycle • Use a range of input and output devices <p>Enrichment: E-Safety – current world issues</p>	<p>Data representation – Excel</p> <ul style="list-style-type: none"> • How digital computers use binary • Different types of data (text, number etc) • The difference between data and information • Forms of digital content ways they communicate information <p>IT - Graphic design and copyright</p> <ul style="list-style-type: none"> • Use of software to manipulate and present digital content • Experiences of technology within school and beyond the classroom • Storing and editing digital content using appropriate file and folder names • Use computers safely and responsibly <p>Enrichment: Packaging design – concept ideas</p>	<p>Computational thinking - Algorithms and decomposition</p> <ul style="list-style-type: none"> • Solutions that use repetition and two-way selections • Simple algorithms using loops and selection • Detect and correct errors • Precise instructions • What is an algorithm? <p>Programming - Basic programming techniques</p> <ul style="list-style-type: none"> • Predict the behaviour of programs using logical reasoning • Build programs that implement algorithms • Arithmetic operators, IF statements and loops • Creating a simple program that does not rely on text <p>Enrichment: Coding challenge</p>
Religious Studies	<p>Myself and others</p> <ul style="list-style-type: none"> • Study of bible stories e.g. the Widow’s Mite and the Lost Son, considering the morals within them • Reflect on Jesus teachings on how to live a moral lifestyle • Study a range of influential leaders in Christianity and how they made a difference within society <p>The role of the Church in the local community</p> <ul style="list-style-type: none"> • Key features of a church • The importance of the church in the local community • Research into the work carried out by individual churches in the local community <p>Enrichment: Visit St Mary’s church in Maryport and explore the role it has within the local community</p>	<p>Religious festivals</p> <ul style="list-style-type: none"> • The importance of celebrations and festivals from a range of the six major world religions • Different ways in which religions celebrate festivals and why they are important <p>Religious pilgrimages</p> <ul style="list-style-type: none"> • Religious pilgrimages and the reasons why they are meaningful across a religion e.g. Bethlehem and Lourdes, the Hajj, Jerusalem, Varanassi, Bodh Gaya, Sarnath, Shravasti and Kusinara <p>Enrichment: Unifrog – careers linked to RE</p>	<p>Origins of the world</p> <ul style="list-style-type: none"> • Philosophical questions on the origins of the world and how the universe came into existence • Origins of the universe from a range of different religious viewpoints, comparing and contrasting the similarities and differences • Scientific explanations for the origins of the universe are also explored <p>Places of worship/ Multicultural societies</p> <ul style="list-style-type: none"> • What is meant by multicultural societies and what leads to a multicultural society • The role of Church cafes, and worldwide church growth • The mosque- understand the role of the mosque within the local communities <p>Enrichment: Visit a Mosque in Newcastle.</p>
Art	<p>Tone and Texture: Students will explore and experiment with a range of different dry materials, focussing on developing their use of tone and texture.</p> <p>Artists:</p> <ul style="list-style-type: none"> • Morandi • Durer <p>Enrichment: The Big Draw</p>	<p>Ceramic tiles: Impressions of natural forms</p> <p>Students will study the work of Angie Lewin. Students will learn basic clay techniques of slabbing, relief, impressions and texture.</p> <p>Enrichment: Year group trip to Whinlatter Forest Park to collect natural objects for clay impressions. Arts Award Bronze/Silver</p>	<p>Line and Colour: Students will explore and experiment with a range of different processes, focussing on developing their use of colour and line. Students will create a coloured, still life, composition in the style of Michael Craig Martin, as well as work in the style of portraiture artist, Luke Dixon</p> <p>Enrichment: Arts Award Bronze/Silver</p>
Design Technology	<p>Textiles – Hand Puppets – Donna Wilson</p> <p>Students will study the work of textile artist, Donna Wilson. They will learn basic sewing techniques with the intention of both designing and creating hand puppets.</p> <p>Enrichment: The Big Draw</p>	<p>Graphics – Perspective Drawing</p> <p>Students will start by learning the fundamentals of perspective drawing, branching out into both 1- and 2-point perspective.</p> <p>Enrichment: Trip to Maryport for students to take photographs for their perspective drawing</p>	<p>Food – Basic Skills and Dishes</p> <p>Students will demonstrate an understanding of food hygiene and move on to develop the basic skills required for the preparation and cooking of dishes.</p> <p>Enrichment: Arts Award Bronze/Silver</p>

<p>Music</p>	<p>Building Bricks</p> <ul style="list-style-type: none"> • Pitch, tempo, dynamics, duration, texture, timbre, articulation, silence • Composing, creating and improvising and use the Elements of Music effectively when performing and singing • Recognise the Elements of Music when listening to and appraising music from different times and different places. <p>Keyboard Skills</p> <ul style="list-style-type: none"> • How the classroom keyboard is used and played • Practicing pieces of keyboard music to build skills and understanding of reading music and playing an instrument using correct posture, fingering and accuracy of pitch and rhythm • Understand the importance of “warming-up” before playing a keyboard or piano and the concept of piano fingering (1-5) • Explore different keyboard instruments from different times and places <p>Enrichment: Unifrog - careers involving music</p>	<p>I’ve Got Rhythm</p> <ul style="list-style-type: none"> • Understand that pulse is a fundamental upon which music is built and performed • Develop an awareness of a regular pulse in music from different times and places • Distinguish between pulse and rhythm • Develop and understanding of note values in terms of duration, bars and simple time signatures <p>Form and Structure</p> <ul style="list-style-type: none"> • Understand what Form and Structure is • Understand what Question and Answer, Binary, Ternary and Rondo Forms are in music • Recognise the differences between music based on different Forms and Structures • Know how to label or identify different sections within a complete piece of music • Recognise that music with a recurring or repeated section provides familiarity to the listener • Recognise why Form and Structure is important in music <p>Enrichment: Unifrog - careers involving music</p>	<p>Sonority City</p> <ul style="list-style-type: none"> • Learn about the layout and structure of the symphony orchestra • Musical instruments and how they are played • Perform on orchestral instruments (where possible) or use orchestral tones/ voices/ sounds from keyboards as part of a ‘class orchestra’ • Learn about the origins and uses of fanfares <p>Folk Music</p> <ul style="list-style-type: none"> • Forms of Musical Accompaniments to accompany traditional Folk Songs in different ways, showing an awareness of intervals and the Harmony created • Different textural layers and form and structure of Folk Songs • Different instruments, timbres and sonorities often used in the performance of Folk Music • Understand and use musical information given on a lead sheet <p>Enrichment: Unifrog - careers involving music</p>
<p>Drama</p>	<p>Introduction to Drama – War of the Worlds</p> <p>Intro to Creative Concept Design</p> <p>Design the Alien craft – How manual and CAD skills are used</p> <p>Soundscapes-How music can be used to create meaning</p> <p>Rehearsal Performance (Acting for camera)</p> <p>Performance Assessment and Evaluation</p> <p>Writing evaluation</p> <p>Script writing: Christmas Play</p> <p>‘The Nightmare Before Christmas’</p> <p>Rehearse/perform/design skills</p> <p>Enrichment: Unifrog/Youtube /DT+/Wildfire sound and lighting visit</p>	<p>Set design & Stage Directions – ‘Sparkleshark’</p> <p>Design/Rehearse/Perform</p> <p>Shadow work – Body and lighting</p> <p>Explore prop design and use</p> <p>Developing understanding about staging - Shoe box set design</p> <p>Exploring the script through stage directions</p> <p>Characterisation & Monologues – ‘Fairytale Heart’</p> <p>Tableaux</p> <p>Enrichment: Unifrog/DT+/National Theatre</p>	<p>Devising Theatre: Summer production: ‘Hairspray’</p> <p>Multi roleplaying</p> <p>Physical Theatre skills</p> <p>Hair/Costume/Make yp design</p> <p>Sound design</p> <p>Lighting design</p> <p>Choreography/dance</p> <p>Enrichment: Unifrog/Youtube/DT+/NT School production performance to a live audience</p>
<p>Physical Education</p>	<p>Cross Country</p> <p>Boys - Rugby Union, Football, Rugby League</p> <p>Girls – Netball and Rugby Union, Football</p> <p>Enrichment: Inter-tutor competitions, interschools competitions</p>	<p>Cross Country</p> <p>Boys – Basketball, Trampolining, Badminton.</p> <p>Girls – Fitness, Badminton, Trampolining.</p> <p>Enrichment: Inter-tutor competitions, interschools competitions</p>	<p>Cross Country</p> <p>Boys – Athletics, tennis, cricket</p> <p>Girls – Athletics, tennis, rounders</p> <p>Enrichment: Inter-tutor competitions, interschools competitions. Sports Day. Tennis coaching</p>

Guidance	Living in the wider world	Relationships, identity and safety	Puberty, emotional health and well being
	Enrichment: Unifrog	Healthy living and responsible health choices Enrichment: Unifrog	Enrichment: Unifrog