



Y4 Curriculum Overview - Summer

	Summer 1	Summer 2
English	<p>Talk for writing: Goldilocks - Newspaper report - Goldilocks and fairy stories</p> <p><i>Page turners/reading spine: The Firework-Maker's Daughter, The Miraculous Journey of Edward Tulane</i></p> <p>Grammar - Fronted adverbial, commas, inverted commas for speech</p>	<p>Talk for Writing: Story from local area - Adventure at Cullercoats Bay Non-chronological report: Cullercoats</p> <p><i>Page turners/reading spine: I was a rat, Journey to the River Sea</i></p> <p>Poetry Oceans and the Sea Using pictures to inspire poetry</p> <p><i>Page turners/reading spine:, Journey to the River Sea</i></p>
Maths	<p><u>Multiplication and division</u> Solve division problems, with two-digit dividends and one-digit divisors, that involve remainders, and interpret remainders appropriately according to the context</p> <p>Manipulate multiplication and division equations and understand and apply the commutative property of multiplication.</p> <p>Understand and apply the distributive property of multiplication.</p> <p><u>Fractions</u></p>	<p><u>Number:Decimals</u></p> <ul style="list-style-type: none"> • Recognise and write decimal equivalents of any number of tenths or hundredths • Decimal equivalents to a quarter, half and three quarters • Rounding decimals • Compare numbers with two decimal places • Dividing a 1 or 2 digit number by 10 or 100 • Use decimals in the context of money <p><u>Statistics</u> Interpret bar charts and time graphs Solve problems with bar charts, time graphs, pictograms and tables</p>

	<p>Reason about the location of mixed numbers in the linear number system.</p> <p>Convert mixed numbers to improper fractions and vice versa.</p> <p>Add and subtract improper and mixed fractions with the same denominator, including bridging whole numbers.</p> <p><u>Measurement: Area</u></p> <ul style="list-style-type: none"> • Convert between different units of measurement • Estimate, compare and calculate different measures • Measuring and calculating perimeter and area 	<p><u>Geometry: Properties of Shape</u></p> <p>Comparing shapes</p> <p>Lines of symmetry</p> <p>Compare acute and obtuse angles</p> <p>Lines of symmetry</p> <p>Complete symmetric figures</p>
<p>Science</p>	<p style="text-align: center;"><u>Sound</u></p> <p>How are sounds made? How do vibrations from sounds travel through a medium to the ear ?</p> <p>How does the pitch of a sound relate to the features of the object that produced it ?</p> <p>How does the volume of a sound relate to the strength of the vibrations that produced it ?</p> <p>What happens to sounds as the distance from the sound source increases ?</p> <p style="text-align: center;"><u>Living things in their habitats</u></p> <p>In this unit children explore a variety of ways to identify, sort, group and classify living things. They learn how animals are split into 'vertebrates' and 'invertebrates' and begin to consider the differences between living things within these classifications.</p>	<p style="text-align: center;"><u>Living things in their habitats</u></p> <p>This unit introduces children to the idea that environments are subject to human-made and natural changes, and that these changes can have a significant impact on living things. Throughout the unit children work scientifically by gathering, recording and presenting information in different ways.</p>

	They use and create classification keys to group, identify and name living things from the local habitat and beyond.	
Art	<p><u>Textiles and Drawing skills focus</u></p> <p>Artist reference William Morris-inspired textile designs for wallpaper and soft furnishings. Explore work of the artist and create own designs from inspiration. Sketchability drawing development. Transfer own designs onto templates, paper and cloth</p>	<p><u>Collage and mixed media skills focus</u></p> <p>. Artist reference Hannah Hoch (photomontage) Henri Matisse Revisit collage techniques. Experiment with juxtaposing images in unusual places, fragmenting images and adding 3D elements and texture. Create multi-media artwork.</p>
Computing	<p><u>Getting Started with Kodu</u></p> <p>Making your own world, developing a game adding characters and landscaping, Ordering and entering code, testing and debugging Making your own racing game..</p>	<p><u>Computational Thinking - Alien Contact!</u></p> <p>An unplugged unit to develop your students into strong computational thinkers by solving a wide range of exciting unplugged problems. Will they be able to solve the problems, earn the trust of an alien species and cement a new galactic friendship?</p>
Design Technology	Mechanical systems:Pneumatics Bridges	Mechanical systems:Pneumatics Bridges
French	<p><u>Unit 6 'Le Monde' (NT unit)</u></p> <p>Paris: its monuments and main features, weather revision, 1st person accounts of two contrasting towns in France, write a postcard in French from a French town.</p>	<p><u>Unit 6 'Le Monde' (NT unit)</u></p> <p>1st person accounts of two contrasting towns in France, write a postcard in French from a French town.</p>
Geography	<p><u>Rivers</u></p> <p>What is the hydrological cycle? Where does the water go ? -Permeability What does a river course look like ? What are the main features of a river ? Where are the main rivers in the Europe ? How do rivers erode and transport?How are ox-bow lakes made ?Where are the main rivers in the World ?How do people use rivers ? Flooding and effects on local area.How does HEP work?</p>	<p><u>Rivers - a local study</u></p> <p>When does it rain in R Tyne catchment ? Where does it rain in R Tyne catchment ? Where are the main bridges of the Tyne ? What is the Tyne's profile in town ? How is the Tyne used by people today ? Tyne Bridges Half day trip</p>

History	<p><u>A local History Study :Cullercoats and the Tyne</u></p> <p>Local History Chronology. How has St Mary's Island changed ? How has the local area changes? - map study. Who were the Cullercoats Fishwives ? What was a coble ? Fisherman's cottages. What was the significance of the herring fish ? What happened in the great flood of 1771 ?</p>	<p><u>A local History Study :Cullercoats and the Tyne</u></p> <p>When were the main central bridges in Newcastle built ? What were the main industries on the Tyne ? How have these changed over the years ?</p>
Music	<p>Charanga Lean on Me</p> <p>Children will learn the interrelated dimensions of music (pulse, rhythm, pitch etc.), that singing and playing instruments are all linked.Children will learn the importance of keeping focused on musical learning; the integration of musical learning/practice is key everyone needs to be active musicians</p>	<p>Charanga Blackbird by The Beatles - a song about civil rights. Discussion of expression of feelings through songsCharanga Reflect, Rewind and Replay</p> <p>This Unit of Work consolidates the learning that has occurred during the year. All the learning is focused around revisiting songs and musical activities, a context for the History of Music and the beginnings of the Language of Music.</p>
PE	<p>Athletics (Quadkids) Throwing catching sprinting and running techniques Fitness Circuits The effects of exercise on the body, working different muscle groups</p>	<p>Rounders/Cricket Striking and fielding skills, teamwork Athletics Quadkids Improving on personal best</p>
PSHE	<p><u>VIPs</u></p> <p>Use this unit to teach about friendships and relationships, including making friends, falling out and bullying and teasing.</p>	<p>Growing Up</p> <p>Teach relationships education with this unit, including parts of the body, human reproduction, puberty, healthy relationships.</p>
RE	How and why do people show care for others?	Why do people visit a cathedral today?