Curriculum Map – Nigel Bowes Academy

The **INTENT** of the Nigel Bowes curriculum

To provide a wide range of engaging learning opportunities enabling pupils to make progress towards achieving their personalised goals, equipping them with the knowledge, skills and attributes needed to become resilient, safe and respectful citizens.

How we **IMPLEMENT** our curriculum

We offer an engaging, broad and balanced curriculum, addressing the under-lying issues that are barriers to learning. This enables pupils to develop core skills, knowledge and understanding which helps them to achieve outstanding rates of progress and close any gaps towards age-related levels of attainment.

We teach all National Curriculum subjects using a wide range of resources and teaching methods to engage our pupils. Our curriculum is designed around four pillars of learning:

- CORE – English, Maths, Science and Computing
- HUMANITIES AND CULTURE – History, Geography, Religious Education and Modern Foreign Languages
- CREATIVE – Art, Design Technology, Music and Drama
- PERSONAL DEVELOPMENT – PHSRE, Physical Education, British Values and EHCP key skills

The expected **IMPACT** of our curriculum

Pupils have achieved their personalised goals enabling them to continue their journey to becoming resilient, safe and respectful citizens. Our pupils will experience success and be prepared with the knowledge and skills needed in their next phase of education and on their journey towards adulthood.

Year 1	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
PERSONAL DEVELOPMENT						
PERSONAL DEVELOPMENT 	**Safe**	**Respectful**	**Resilient**	**Safe**	**Respectful**	**Resilient**
PSHRE – Jigsaw 	**Being Me in My World** Feeling special and safe Being part of a class Rights and responsibilities Rewards and feeling proud Consequences Owning the learning charter	**Celebrating Difference** Similarities and differences Understanding bullying and knowing how to deal with it Making new friends Celebrating the differences in everyone	**Dreams and Goals** Setting goals Identifying successes and achievements Learning styles Working well and celebrating achievement with a partner Tackling new challenges Identifying and overcoming obstacles Feelings of success	**Healthy Me** Keeping myself healthy Healthier lifestyle choices Keeping clean Being safe Medicine safety/ safety with household items Road safety Linking health and happiness	**Relationships** Belonging to a family Making friends/being a good friend Physical contact preferences People who help us Qualities as a friend and person Self-acknowledgement Being a good friend to myself Celebrating special relationships	**Changing Me** Life cycles – animal and human Changes in me Changes since being a baby Differences between female and male bodies (correct terminology) Linking growing and learning Coping with change Transition
PD lesson focus in addition to class specific focus Always including thrive	Transition Focus Aspirations for the future Zones of Regulation	Dental Hygiene Zones of Regulation	Internet Safety (including cyber-crime and internet safety Day) Zones of Regulation	Personal safety including child-on-child abuse (PANTs) Zones of Regulation	Respectful behaviour in the community (inc peer pressure) Zones of Regulation	Transition focus Gypsy, Roma and Traveller History Month Pride Summer Safety Zones of Regulation
Additional learning opportunities	Stay and Play Black History Month Lingo Legends	Anti-Bullying Wek Children In Need Christmas Jumper Day Christmas Week (inc performances)	Children's MH day Safer Internet Day Arts Week	World Book Day Red Nose Day Science Week Water Safety	Coding Week Enterprise Week	Sports and Health Week Summer Fayre

		Fire Safety Road Safety Remembrance Day				
NATIONAL CURRICULUM SUBJECTS						
English – Writing (Read to Write)	**Old Bear** Discovery Narrative Recount (messages)	**Rapunzel** A Traditional Tale Instructions	**Hermelin** A Detective Story Recount (letter)	**Where the Wild Things Are** A Portal Story Information text	**The Secret of Black Rock** A return Narrative Recount (postcards)	**The Last Wolf** Hunting Narrative Instructions (recipes)
Maths (Big Maths)	**Number and place value:** Numbers within 100 Read and write numbers from 1 to 20 in digits and words Count in 5s **Addition and subtraction:** Addition and subtraction within 10 **Multiplication and division:** Doubling 1d numbers Division and multiplication with objects and arrays Sharing between 3 people **Fractions, ration and proportion:** Find and understand halves **Geometry:** Recognise symmetry around me Describe position, direction and movement, including whole, half, quarter and three-quarter turns **Measurement:** Simple measurement vocabulary Begin to record measurements Sequence events in chronological order **Statistics:** Create 2 different lists **Algebra:** Spot, copy and create different patterns		**Number:** Numbers within and across 100 Reading multiples of 100 (up to 1000) Counting in 5s **Addition and subtraction:** Mathematical symbols Addition and subtraction within 20 **Multiplication and division:** Doubling multiples of 10 Division and multiplication with objects and arrays Sharing between 3 people **Fractions, ration and proportion** Find and understand halves **Geometry:** Identify 3D shapes in real life Describe position, direction and movement, including whole, half, quarter and three-quarter turns Recognise and know the value of different denominations of coins and notes **Measurement:** Simple measurement vocabulary Begin to record measurements Use language of dates, times, days of the week/months of the year Tell the time to the hour **Statistics:** Sort using a criterion **Algebra:** Extending patterns		**Number:** Numbers within and beyond 100 Counting in 2s **Addition and subtraction:** Addition and subtraction within 20 Adding and subtracting 2 or 3 numbers **Multiplication and division:** Doubling multiples of 10 Division and multiplication with objects and arrays Drawing own arrays Sharing between 4 people **Fractions, ration and proportion** Find and understand quarters Find and understand thirds **Geometry:** Describe position, direction and movement, including whole, half, quarter and three-quarter turns Recognise and name common 2-D and 3-D shapes **Measurement:** Simple measurement vocabulary Begin to record measurements Tell the time to the hour and half past the hour **Statistics:** Tally charts, pictograms **Algebra:** Odd and even patterns	
Science (UL)	**Plants** Plants are living things Parts of plant Trees Deciduous trees Coniferous tress	**Seasonal Changes** The Weather Four Seasons Wildlife in Autumn and Winter Wildlife in Spring and Summer	**Everyday Materials** Object purpose Materials Physical properties Making the right choice Application of materials knowledge	**Science Skills** Asking simple questions Identifying and classifying Using data Observing Investigating worms Investigating happiness	**Animals** The wonderful world of animals Mammals Birds Fish	**Humans** The human body Facial features Sight Hearing Touch and smell Taste

	Comparing coniferous and deciduous trees (Enriched by Alfresco – Plants)	Day and Night The Moon (Enriched by Alfresco – Seasonal Changes)	(Enriched by Alfresco – Materials)	(Alfresco – Science investigations and working scientifically)	Amphibians and reptiles	(Enriched by Alfresco - Animals including Humans)
Computing and Music Technology (Twinkl/ Earl)	**Computer Skills** Using a Mouse or Trackpad. Switch On and Shutdown. Applications and Windows. Folders and Save. Dragging. Using Our Computer Skills.	**Word Processing Skills (Typing)** Typing. Symbols and Save. Editing. Undo and Redo. Select and Format. Formatting Text.	**Unplugged Earls** Following algorithms Introduction to programming Creating algorithms Giving simple commands	**Online Safety** Owning Your Creative Work. Safe Image Searching. Staying SMART Online. Personal Information. What Is Email. Keeping Safe Online.	**Programming Toys** Building Bricks. Potato Man Algorithms. Program a Person. -Bee-Bot Toy Shop (Part 1) Debugging Bee-Bots Bee-Bot Top Shop (Part 2)	**Music and Technology** My music Using our voices Creating sounds Combining sounds
PE (Twinkl)	**Multi Skills – Throwing and Catching** Rolling Underarm throws Catching by myself Catching with a partner Bouncing **Fundamental Gymnastics** Gym safety rules and routines Using apparatus Travel safely Travel speeds and levels Basic shapes Sequences	**Invasion Games** Travel in different directions Travel with a ball Control a ball while travelling Change direction with a ball Pass a ball Learn simple rules **Dance** Dance with an object Use body to express ideas Move in different ways Make shapes Make shapes with others Dance formations	**Attacking and Defending** Finding space Marking a player Defending in space Passing Moving past a defender Attacking and defending in a game **Circuits** Moving over and around Jumping with control Travelling a pathway Rolling and bouncing a ball Combining skills Evaluating a partner	**Multi-Skills – Bat and Ball** Handling a racket Controlling a racket Hitting a target Controlling a ball Small sided games **Dance** Video stimulus Improvised movements with a partner Dancing in a group Mirroring Keeping a beat Shape and speed **Swimming** Water confidence	**Multi Skills - Running and Jumping** Moving at different speeds. Moving along pathways Jumping for height Jumping for distance Different jumps Jump sequences **Fundamental Gymnastics** Contrasting movements and balances Travel in different ways changing speed Jumping and rolling Movement sequences Working with a partner Longer sequences	**Multi Skills - Sports Day** Skills and technique for sprint Balance with movement Jumping Throwing Traveling in different directions Travelling across obstacles **Fundamental Movement – Yoga** Basic poses Con-ordination on all fours Agility between poses balance Moving between poses with speed and balance

Art & Design, Design Technology and Music (UL/Alfresco)	**I Am an Artist** What is art? Mark making Primary colour Piet Mondrian Response to artists	**What is Design and Technology** What is design? Selecting materials Designing strong and stable structures Desing criteria Generating and communication ideas Developing and evaluating ideas	**Sculptures – Alfresco** Sculpture materials Clay sculptures Clay tools Space Scales Different scales	**Harmony House** Chanting rhymes Singing together Playing untuned music Preforming to an audience	**Simple Machines** What is a machine? Slider and level mechanisms Making sliders and levers Linkage mechanisms Grabbers Test and evaluate	**Eat a Rainbow** What are fruits and vegetables? Where does food come from Preparing fruit Making a fruit jelly pot Preparing vegetables Making simple dips
History or Geography (UL/Alfresco)	**Here I Am** Where we live Maps and views Route to school Directions Human and physical geography Local fieldwork	**Alfresco – Castles** Types of castles Features of a castle Layout of castles Knights Flags Castle daily life	**Alfresco – Local area study** Differences between human and physical features. Plan perspectives. Map routes Creating maps	**Alfresco – The First Flight** Learning about the first flight Achievement of the Wright brothers Comparing features of planes Important figures in the history of flight	**Alfresco – Capitals and Countries** Towns and villages England Scotland Wales Northern Ireland How is Brasilia Different from London	**Homes Through Time** Homes today and in living memory Homes in our community Victorian homes Tudors homes Medieval homes prehistoric homes
RE (Twinkl)	**Caring for Others** Looking After Each Other Raksha Bandhan The Good Samaritan Langar Be My Guest The Monkey King	**Gifts & Giving** What Is Christmas? How Is Christmas Celebrated? Christmas Presents What Is Eid al-Fitr? How Is Eid al-Fitr Celebrated? Eid al-Fitr Presents	**Religion and Rituals** What Is a Ritual? Salat Puja Holy Communion Comparing Rituals Our Own Ritual	**Easter and Surprises** Palm Sunday Maundy Thursday Good Friday Surprises Easter Sunday How is Easter Celebrated?	**Friendship** Who Are My Friends? How Can I Be a Good Friend? The Wind and the Moon (Buddhism) The Deer and the Crow (Hinduism) David and Jonathan (Christianity) 12 Special Friends (Christianity)	**Places of Worship** What Is a Place of Worship? Jewish Synagogue Hindu Mandir Christian Church Why Are Places of Worship Important? A New Place of Worship

Year 2	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
PERSONAL DEVELOPMENT						
PERSONAL DEVELOPMENT 	**Safe**	**Respectful**	**Resilient**	**Safe**	**Respectful**	**Resilient**
PSHRE – Jigsaw 	**Being Me in My World** Hopes and fears for the year Rights and responsibilities Rewards and consequences Safe and fair learning environment Valuing contributions Choices Recognising feelings	**Celebrating Difference** Assumptions and stereotypes about gender Understanding bullying Standing up for self and others Making new friends Gender diversity Celebrating difference and remaining friends	**Dreams and Goals** Achieving realistic goals Perseverance Learning strengths Learning with others Group co-operation Contributing to and Sharing success	**Healthy Me** Healthier choices Healthy eating and nutrition Safety in the home Safety out and about Medicines	**Relationships** Different types of family Physical contact boundaries Friendship and conflict Secrets Trust and appreciation Expressing appreciation for special relationships	**Changing Me** Life cycles in nature Growing from young to old Increasing independence Differences in female and male bodies (correct terminology) Assertiveness Preparing for transition
Additional learning opportunities Always including thrive	Transition Focus Aspirations for the future Zones of Regulation	Dental Hygiene Zones of Regulation	Internet Safety (including cyber-crime and internet safety Day) Zones of Regulation	Personal safety including child-on-child abuse (PANTs) Zones of Regulation	Respectful behaviour in the community (inc peer pressure) Zones of Regulation	Transition focus Gypsy, Roma and Traveller History Month Pride Summer Safety Zones of Regulation
Additional learning opportunities which are date dependant	Stay and Play Black History Month Lingo Legends	Anti-Bullying Wek Children In Need Christmas Jumper Day Christmas Week (inc performances) Fire Safety Road Safety Remembrance Day	Children's MH day Safer Internet Day Arts Week	World Book Day Red Nose Day Science Week Water Safety	Coding Week Enterprise Week	Sports and Health Week Summer Fayre
NATIONAL CURRICULUM SUBJECTS						
English – Writing 2a (Read to Write)	**A River** Circular Narrative Recount (letter)	**Night Gardener** Setting Narrative Recount (diary)	**The Bog Baby** Finding Narrative Instructions	**Grandad's Island** Return Narrative Information text	**The King Who Banned the Dark** Mistake Narrative Information text	**Rosie Revere, Engineer** Invention Narrative Explanation text

English – Writing 2b (2/3) (UL/ Read to Write)	**The Disgusting Sandwich** Instructions **Lubna and Pebble** Retell narrative	**The Proudest Blue** Personal Narrative **Paddington's Post** Recount (letter)	**What Do Grown Ups Do All Day??** Information report **How to Babysit Grandma** Instructions	**The Midnight Fair** Narrative **Augustus and His Smile** Recount	**Return** Setting Narrative Travel Report	**Starbird** Captivity Narrative Diary Entry
Maths (Big Maths)	**Number:** Numbers within 100 Read 3d multiples of 100 **Addition and subtraction:** Fluent recall of facts to 20 Add/subtract 10 to/from a 2d tens number Subtract a multiple of 10 from a multiple of 10 **Multiplication and division:** Doubles to 10 Repeated addition Writing multiplication calculations Counting in 2s, 5s and 10s **Fractions:** Quarters **Geometry:** Reflect rectangles Recognise 2d and 3d shapes Anti-clockwise **Measurement:** Comparing measurements in practical contexts. Using the language of time **Statistics:** Simple tables A range of pictograms **Algebra:** Odd and even patterns Know symbols can represent unknown numbers		**Number:** Numbers within 100 Read 3d multiples of 100 Read and write numerals and words to 100 **Addition and subtraction:** Addition and subtraction of 1d to 2d numbers Written methods of addition Understanding that addition and subtraction are commutative **Multiplication and division:** Repeated addition Writing division calculations Counting in 2s, 5s and 10s **Fractions:** Mixed numbers and improper fractions **Geometry:** Vertical lines of symmetry Edges, vertices and faces **Measurement:** Comparing measurements in practical contexts. Converting between pounds and pence **Statistics** Pictograms with half pictures Reading a bar chart **Algebra:** Understand that = means the same as		**Number:** Numbers within 100 Estimation **Addition and subtraction:** Addition and subtraction of 2d and 2d numbers Adding 1000s Column method Adding and subtracting 1000 **Multiplication and division:** Understanding division as an inverse Multiply by 10 Double and half 2d numbers Counting in 2s, 4s, 5s and 10s **Fractions:** Equivalent fractions to ½ Fractions of amounts **Geometry:** Drawing accurate lines Types of pyramids and prisms **Measurement:** Comparing measurements in practical contexts. Measuring using cms and ms, gs and kgs, mls amd ls Tell the time to 5 minutes **Statistics** Pictograms with half pictures Reading a bar chart **Algebra:** Understand that = means the same as	
Science (UL/Alfresco)	**Plant Growth** Seeds Germination Seed germination Growth Needs of plants Fruits and vegetables	**Needs of Animals** Animals need food Animals need water and oxygen Animals need the right temperature Reproduction and growth	**Uses of everyday materials** Physical properties Matter and materials Absorbency Suitable materials Combining materials Changing shape	**Living things and their habitats** Living, Dead, Never Alive A place to live Microhabitats Hot habitats Adapting to cold Food glorious food	**Solid, Liquid, Gases** Liquids Solids Gases Changing states of matter 3 states of matter Mixtures	**Biodiversity - Minibeasts** Minibeast Hunt Bee-Friendly Environments Minibeast Helpers Minibeast Mansions Wonderful Worms

	(Enriched by Alfresco – Plants)	Exercise Personal hygiene (Enriched by Alfresco - Animals including Humans)	(Enriched by Alfresco – Materials)	(Enriched by Alfresco – Living things and their habitats)		Minibeasts for our Planet
Computing and Music Technology (Twinkl)	**Using the Internet** One Word Search. For Kids. Links. Taking Photos for Our Blog. Blogging. Comments.	**Digital Artists** Pixel Pointillism. Mastering Mondrian. Producing-Picasso. Matching Monet. Perfecting Pop-Art. Magnificent Masterpiece.	**Programming Earls** Giving simple commands Programming challenges Logical reasoning challenges	**Online Safety** Digital Footprints. Keywords. You Be the Judge. Rate and Review. Being Kind Online. Cyber Snakes and Ladders.	**Technology Around Us** Identify technology in the school. Identify technology used at home. Recognise common uses of technology at home. Understand how IT helps us. Understand how IT has developed over time. Understand how IT may develop in the future.	**Music Box** Exploring pitch Selecting and creating sounds Composing music Performing and evaluating
PE (Twinkl)	**Multi Skills – throwing and catching** Rolling and stopping a ball Underarm/overarm throw Catching with accuracy Bouncing **Fundamental Gymnastics** Balance Basic rolls with increasing control Long shapes Weight on hands and feet Perform and review	**Invasion Games** Travel in different directions with a ball Finding space Passing and receiving the ball Passing and receiving the ball in a game Simple attacking and defending tactics Learn simple rules **Fundamentals of Dance** Dance as communication Different dance movements (turn, travel, jump) Dance formations Emotions and dance Refining movements Changing rhythm	**Circuits** Change direction with controlling Combining types of jumps Movements with control and accuracy Combining skills Evaluating performance **Attacking and defending** Use space in a game Marking players Defend by interception Tactics to dodge Passing to a player Using team tactics in a game	**Multi Skills - Bat and Ball** Simple sending and receiving Racket grip and hold Tennis stances Strike towards a target Identify space in the court Play modified game **Fundamentals of Dance** Create and perform motifs Using different shapes and body movements Working with a partner **Swimming** Water confidence Swimming over a short distance	**Multi Skills - Target Games** Rolling a ball in different ways Underarm throws Moving targets Kicking with accuracy Team games **Fundamental Gymnastics** Balances with different body parts Balances with a partner Rolling in different ways Jumping on and off Combining movements Partner sequences	**Athletics - Animal Olympics** Jumping for height Throwing with accuracy Running for speed Running for distance Jumping for distance Olympic values **Fundamentals of Dance** Speed, weight and size of movements Dance formations Responding to stimuli Duet dances Moving to rhythm Synchronised movements

Art & Design, Design Technology and Music (UL/Alfresco)	**Our School** Photography Mono-printing What is an architect? Textures Printing plates Press-printing	**Wheels and Axles** Vehicle parts Fixed and free axles Designing and vehicle Making and iterating a vehicle Testing and evaluating	**Painting Water** Water and Waves Working with Watercolours Wax resist and watercolour Waterscape Living water	**The Bear and the piano** Listening to music Experimenting with sounds Playing tuned instruments Using our voices	**Materials and Textiles** Properties of fabrics Working with fabrics Designing heat packs Designing Buttons Making, testing and evaluating	**Salads** Where does food come from? What sorts of food go well together? Preparing salad ingredients Making salads Evaluation
History or Geography (UL/Alfresco)	**Alfresco – Mapping** Simple maps Simple keys Compass routes Compass directions Arieal photographs	**Local History – Changes to Bournemouth since 1939** Immersion into the local area Changes over time Historical sources Remembrance Day	**Alfresco – Africa** Name and locate Africa on a map Comparing climates Human and physical geography Animals and habitats Culture	**Alfresco – Explorers** What makes someone significant Who was Jean Baret? Apollo 11 Women in aviation Polar explorers Explorer timeline	**Alfresco - The Seaside** Human and physical features How do cliffs change Seaside structures Simple maps	**Alfresco - The Great Fire of London** Retell key events Why did the fire spread? Fire safety Housing materials
RE (Twinkl)	**Rules and Routine** School Rules and Routines The Ten Commandments (Christianity and Judaism) Shabbat (Judaism) The Five Pillars (Islam) The 5 Ks (Sikhism) Making Decisions (humanism)	**Light and Dark** Advent at Christmas Christmas Lights Rama and Sita Light over Darkness Hanukkah The Maccabee Brothers	**Nature & God** Creation Story 1 Creation Story 2 (Christianity) Harvest (Christianity) Sukkot (Judaism) Prince Siddhartha and the Swan (Buddhism) The Boy Who Threw Stones at Trees (Islam	**Ceremonies** What Is a Ceremony? Aqiqah (Islam) Bar/Bat Mitzvah (Judaism) Dastar Bandi (Sikhism) Hindu Wedding (Hinduism) Planning a Ceremony	**Places of Worship** Special Places What Is It Like to Visit a Mosque? Visiting a Gurdwara The Shape of Buddhist Temples Making Comparisons Designing a Special Place	**Beginnings and Endings** Thinking about Beginnings and Endings Vaisakhi Naam Karan Baptism Easter Marking My Own Beginning or Ending

Year 3	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
PERSONAL DEVELOPMENT						
PERSONAL DEVELOPMENT 	**Safe**	**Respectful**	**Resilient**	**Safe**	**Respectful**	**Resilient**
PSHRE – Jigsaw 	**Being Me in My World** Setting personal goals Self-identity and worth Positivity in challenges Rules, rights and responsibilities Rewards and consequences Responsible choices Seeing things from others' perspectives	**Celebrating Difference** Families and their differences Family conflict and how to manage it (child-centred) Witnessing bullying and how to solve it Recognising how words can be hurtful Giving and receiving compliments	**Dreams and Goals** Difficult challenges and achieving success Dreams and ambitions Motivation and enthusiasm Recognising and trying to overcome obstacles Evaluating learning processes Managing feelings Simple budgeting	**Healthy Me** Exercise Fitness challenges Food labelling and healthy swaps Attitudes towards drugs Keeping safe online and offline Respect for myself and others Healthy and safe choices outdoors Water safety Asking for help	**Relationships** Family roles and responsibilities Friendship and negotiation Keeping safe online and who to go to for help Being a global citizen Being aware of how my choices affect others Awareness of how other children have different lives Expressing appreciation for family and friends	**Changing Me** How babies grow Outside body changes Inside body changes Personal hygiene Family stereotypes Challenging my ideas Preparing for transition
Additional learning opportunities Always including thrive	Transition Focus Aspirations for the future Zones of Regulation	Dental Hygiene Zones of Regulation	Internet Safety (including cyber-crime and internet safety Day) Zones of Regulation	Personal safety including child-on-child abuse (PANTs) Zones of Regulation	Respectful behaviour in the community (inc peer pressure) Zones of Regulation	Transition focus Gypsy, Roma and Traveller History Month Pride Summer Safety Zones of Regulation
Additional learning opportunities which are date dependant	Stay and Play Black History Month Lingo Legends	Anti-Bullying Wek Children In Need Christmas Jumper Day Christmas Week (inc performances) Fire Safety Road Safety Remembrance Day	Children's MH day Safer Internet Day Arts Week	World Book Day Red Nose Day Science Week Water Safety	Coding Week Enterprise Week	Sports and Health Week Summer Fayre
NATIONAL CURRICULUM SUBJECTS						
English – Writing (Read to Write)	**The Iron Man** Approach Narrative Explanation Text	**Fox** Fable Narrative Information Text	**The Rhythm of the Rain** Setting Narrative Information Leaflet	**Jemmy Button** Return Narrative Letter (Recount)	**Egyptology** Mystery Narrative Secret Diary	**Into the Forest** Lost Narrative Newspaper Report

Maths (Big Maths)	**Number:** 3d and 4d numbers **Addition and subtraction:** Addition and subtraction of 2d and 2d numbers Column method Adding and subtracting 1000 **Multiplication and division:** 1dx1d Division facts Doubling 2 digit numbers Multiply and divide multiples of 10 by 10 Multiplication tables (2,3,4,5,10x) Division facts (2,3,4,5,10x) **Fractions:** Equivalent fractions Count in thirds and tenths Adding and subtracting fractions – same denominator **Geometry:** Types of lines Compass points Turns and right angles **Measurement:** Selecting a unit of measurement. Turns and right angles. **Statistics** Pictograms with half pictures Reading bar charts **Algebra:** Understanding the role of =		**Number:** 3d and 4d numbers **Addition and subtraction:** Addition and subtraction of 3d and 2d numbers Column method **Multiplication and division:** 1dx1d Division facts using multiplication Counting in 4s Multiply and divide by 10 Multiplication tables (2,3,4,5,10x) Division facts (2,3,4,5,10x) **Fractions:** Tenths as decimals Adding and subtracting fractions – same denominator **Geometry:** Lines of symmetry Regular and irregular polygons Grid references **Measurement:** Converting between units. Obtuse and acute angles. **Statistics** Venn diagrams Bar chart on a scale **Algebra:** Extending patterns of shapes Understanding the role of =		**Number:** 3d and 4d numbers Roman numerals **Addition and subtraction:** Addition and subtraction of 3d and 3d numbers Column method **Multiplication and division:** 1dx2d Using more than one multiplication fact to solve division Formal method of division 2d/1d Counting in 8s Multiplication tables (2,3,4,5,10x) Division facts (2,3,4,5,10x) **Fractions:** Equivalent fractions Ordering fractions Tenths as decimals **Geometry:** Angles in 2d and 3d shapes Making 3D shapes **Measurement:** Converting between units. Understanding perimeter **Statistics** Bar charts, line graphs, timetables **Algebra:** Extending patterns of shapes	
Science (UL/Alfresco)	**Rocks** Rocks Properties and uses of rocks Rock formation Fossils Megafauna Soil (Enriched by Alfresco – Rocks)	**Light** How do we see? Reflective materials Opaque, translucent and transparent materials Shadows Investigation shadows Shadow positions and sub protection (Enriched by Alfresco – Light)	**Organisms** Human nutritional needs Balanced diets Other animal nutritional needs The human skeleton Other skeletons Organs (Enriched by Alfresco - Animals including Humans)	**Plants** Plant requirements Plant life cycle Pollination and fertilisation Seed dispersal Growth investigations (Enriched by Alfresco – Plants)	**Forces in Motion** Pushes and Pulls What does a force do? Balanced forces Unbalanced forces Friction Friction investigation	**Magnetism** Introduction to magnets Contact and non-contact forces Magnetic materials Magnets and distance Magnets through materials Magnet strength

Computing and music technology (Twinkl)	**Word Processing Skills** Passwords and Screenshots. Change Case. Align Text. Bullets and Numbering. Advance Select and Keyboard Shortcuts. Text Boxes and Wrap Text.	**Drawing and Desktop Publishing** Different shapes and lines. Order and group objects. Manipulate shapes and lines. Recognised effective layout. Combine text and images. Lay out objects effectively.	**Coding with Earls** Writing programs Writing programs with repeat loops Writing programs for shapes	**Online Searchers and Surfers:** Understand the internet and how it is used. Understand how the internet works. Understand how to use safe online searches. Use and compare different website links. Copy and paste images from a web page. Create a magazine article.	**Presentation Skills** Planning a Branching Story. Creating the Slides. Theme, Transitions and Animation. Action Settings. Audio and Video. Completing the story.	Isle of Tune Exploring the 'island' Collecting inspiration Composing a piece with purpose Perform, listen and evaluate
PE	**OAA** Team communication Multi step instructions Group problem solving Following and giving instructions Simple maps Map symbols **Fundamental Gymnastics** Accurate jumps Rolls from standing Squats Lunges Linking movements into sequences Perform and review	**Invasion Games** What is an invasion game? Move and dribble Passing with different techniques Defending Attacking Play competitive matches **Dance – The Romans** Combine and perform movement phrases Movement sequences Link and combine movement Use dance to tell a story Perform with precision and control Longer sequences	**Invasion Games: Football** Developing dribbling and ball control Developing passing and receiving Using space Marking and tackling Shooting Team games and skill **Circuits** Travel in different ways Direction, level and speed of travel Ball control skills Balance and co-ordination Using a range of movements Adapt and improve activities	**Net and Wall: Fundamentals** Footwork and positioning Rolling and throwing with accuracy Develop ball control with a racket Forehand technique Backhand technique **Dance – Rainforests** Short dances with specific inspiration Varying lengths of movement phrases Different speeds Dances sequences Evaluate and improve **Swimming** Swim 25 metres Starting to learn different strokes	**Striking and Fielding** Accurate catching Overarm throws and targets Striking a ball Feilding with a team Striking and fielding in a game Designing games **Gymnastics – Shape** Static body shapes Body shapes in the air Rhythmic gymnastics Symmetrical shapes Combining skills	**Athletics** Refine existing running, jumping and throwing skills. Sprinting effectively Running over hurdles Jump for distance Develop and refine different throwing techniques Push throw techniques **Dance – Extreme Earth** Improvise with a partner Create and perform imaginative movements Develop new actions Awareness of others when moving Partner work to show emotions Linking movements in a group

Art & Design, Design Technology and Music (UL/Alfresco)	**Clay Fairy Tales** Quentin Blake Anthony Browne Clay sculptures Designing a clay tile Making a clay tile Painting and glazing tiles	**How We Make Things** Shell structures and folding Laminating and assembly Frame structures Making a bug/hedgehog house Forming Casting	**Mythology** Types of art Mixed-media Our local story – The Shapwick Monster Photo Quest! Composition Montages	**Once upon a tune** The history of classical music Listening to and recalling Improvisation Refine and perform	**CAD and CAM** Design values and problem definition Ideation and design development Introduction to CAD 3D modelling using CAD Prototyping using CAD and CAM Testing and evaluation	**Sandwiches** Food safety and hygiene Bread Meat Making sandwiches Designing sandwiches
History or Geography (UL/Alfresco)	**United Kingdom** The UK and 8-point compass Countries, region and counties Political and physical maps of the UK Ordnance Survey maps Physical features of the south	**Prehistoric Britain** The big picture How do we find out about prehistoric Britian? What did prehistoric Britian eat? Where did prehistoric Britons live? Prehistoric beliefs Comparing prehistoric Britian with today	**Alfresco – Volcanoes** Eruptions Volcano structure Volcano locations Volcano formation	**Ancient Egypt** Who were the Ancient Egyptians? Who ruled the Ancient Egyptians? What did the Ancient Egyptians believe? What did the Ancient Egyptians develop? How did Ancient Egypt grown and shrink? Why was the pharaoh so powerful?	**Europe and Tourism** Europe Human and physical features –The Alps Human and physical features –The Amalfi Coast Human and physical features –Bournemouth Tourism and its impact Tourism in Europe	**Alfresco – Ancient Greece** Understanding what the Ancient Greek Empire was Ancient Greeks daily life The role of Gods and Goddesses Events during the Ancient Greek period using various sources Influencing sports today
RE (Twinkl)	**Hinduism** Who and Where Main Beliefs Special Places Special Festivals Holy Book Symbols and Meanings	**The Nativity Story** Mary and Joseph The Journey A Baby Is Born The Shepherds A New Star Appears King Herod	**Food and Fasting** How Do We Think about Food? Religious Rules about Food Giving Up Food Fasting Food for Celebration Feast	**Good Friday** The Easter Story The Last Supper Prayer Maximilian Kolbe The Cross and the Resurrection New Life	**Islam** Who and Where? Main Beliefs Special Places Special Festivals Holy Book Symbols and Meanings	**Christianity** Who and Where Main Beliefs Special Places Special Festivals Holy Book Symbols and Meanings

Year 4	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
PERSONAL DEVELOPMENT						
PERSONAL DEVELOPMENT	**Safe**	**Respectful**	**Resilient**	**Safe**	**Respectful**	**Resilient**
PSHRE – Jigsaw	**Being Me in My World** Being part of a class team Being a school citizen Rights, responsibilities and democracy (school council) Rewards and consequences Group decision-making Having a voice What motivates behaviour	**Celebrating Difference** Challenging assumptions Judging by appearance Accepting self and others Understanding influences Understanding bullying Problem-solving Identifying how special and unique everyone is First impressions	**Dreams and Goals** Hopes and dreams Overcoming disappointment Creating new, realistic dreams Achieving goals Working in a group Celebrating contributions Resilience Positive attitudes	**Healthy Me** Healthier friendships Peer influences Railway safety Staying safe with friends Smoking Alcohol and vaping Assertiveness Peer pressure Celebrating inner strength	**Relationships** Jealousy Love and loss Memories of loved ones Getting on and Falling Out Girlfriends and boyfriends Showing appreciation to people and animals	**Changing Me** Being unique Girls and puberty Being part of a family Confidence in change Accepting change Preparing for transition Environmental change
Additional learning opportunities Always including thrive	Transition Focus Aspirations for the future Zones of Regulation	Dental Hygiene Zones of Regulation	Internet Safety (including cyber-crime and internet safety Day) Zones of Regulation	Personal safety including child-on-child abuse (PANTs) Zones of Regulation	Respectful behaviour in the community (inc peer pressure) Zones of Regulation	Transition focus Gypsy, Roma and Traveller History Month Pride Summer Safety Zones of Regulation
Additional learning opportunities which are date dependant	Stay and Play Black History Month Lingo Legends	Anti-Bullying Wek Children In Need Christmas Jumper Day Christmas Week (inc performances) Fire Safety Road Safety Remembrance Day	Children's MH day Safer Internet Day Arts Week	World Book Day Red Nose Day Science Week Water Safety	Coding Week Enterprise Week	Sports and Health Week Summer Fayre
NATIONAL CURRICULUM SUBJECTS						
English – Writing (Read to Write)	**The Whale** Setting Narrative Newspaper report	**Leaf** Outsider Narrative Information text	**Arthur and the Golden Rope** Myth Narrative Information Text	**The Lost Happy Endings** Twisted Narrative Persuasive Letter	**Manfish** Invention Narrative Biography	**The Journey** Refugee Narrative Diary

Maths (Big Maths)	**Number:** 4d numbers **Addition and subtraction:** Addition and subtraction of 4d and 3d numbers Column method Adding and subtracting 1000 **Multiplication and division:** Multiplication tables (2,3,4,5,8,10x) Formal method of division 2d ÷ 1d (using x2,3,4,5,8,10) with no remainders Formal method of multiplication (1dx1d) Multiply and divide by 100 Counting in 6,7,9 **Fractions:** Compare and order fractions with different denominators Adding and subtracting fractions – same denominator (beyond 1) Fractions of amounts (2 parts) **Geometry:** Symmetry of shapes in different orientations Types of triangles Grid references **Measurement:** Converting between units including decimal notation and time Understanding area Calculating perimeter **Statistics** Bar charts Line graphs Timetables **Algebra:** 2 step function machines		**Number:** 4d numbers Numbers to 2dp **Addition and subtraction:** Addition and subtraction of 4d and 3d numbers Column method **Multiplication and division:** Multiplication tables (2,3,4,5,6,7,9,8,10,11x) Formal method of division (2d/1d)(using x2,3,4,5,8,10) with no remainders Formal method of multiplication (2dx1d) Combine 2 or more Tables Facts to solve division (with remainders) (2,3,4,5x) Multiply and divide by 100 **Fractions:** Compare and order fractions with different denominators Simplify fractions Multiply unit fractions **Geometry:** Quadrilaterals Co-ordinates in the first quadrant **Measurement:** Converting between units including decimal notation. Compare, order and sort angles **Statistics** Bar charts Line graphs Timetables **Algebra:** 2 step function machines		**Number:** 4d numbers Numbers to 2dp **Addition and subtraction:** Addition and subtraction of 4d and 4d numbers Column method **Multiplication and division:** Multiplication tables (2,3,4,5,6,7, 8,10,11,12x) Formal method of division (2d/1d)(using x2,3,4,5,8,10) with no remainders Formal method of multiplication (2dx1d) Combine 2 or more Tables Facts to solve division (with remainders) (2,3,4,5x) Multiply and divide by 100 inducing decimal answers **Fractions:** Equivalent fractions Count in fractions Convert between fractions and decimals **Geometry:** Non-dissection symmetry Drawing accurate lines Making/drawing 3d/2d shapes Translation **Measurement:** Converting between units including decimal notation. Sorting polygons using knowledge of angles. **Statistics** Bar charts (continuous data) Line graphs Timetables **Algebra:** Understanding that symbols may represent unknown numbers	
Science (UL/Alfresco)	**Classifying Organisms** What is classification Vertebrates and invertebrates Classifying plants Dichotomous keys Species and biodiversity Threats to biodiversity (Enriched by Alfresco – Living Things)	**Food and Digestion** Human teeth Other animal teeth Digestion Digestion Food chains Ecosystems and food webs (Enriched by Alfresco – Animals including humans)	**States of matter** States of matter The particle model Changing state Temperature Investigating evaporation The water cycle (Enriched by Alfresco – States of matter)	**Sound** What is sound? Sound needs a medium How do we hear? Volume Pitch Hearing (Enriched by Alfresco – Sounds)	**Electricity** Electrical appliances Circuits Incomplete circuits Switches Conductors and insulators Uses of conductors and insulators	**Properties of Materials** Physical properties Thermal conductivity Thermal insulators Chemical properties Chemical safety

Computing and music technology (Twinkl)	**Word Processing Skills** Images. Learn the Layout. Spelling. Tables. Transform a Layout. Hyperlinks	**Animation** Early forms of animations. Short computer animation. Create a recorded animation. Structure specific timing of animations using a time slider. Short stop motion animation. Analyse and evaluate software.	**Scratch: Quizzes and Questions** Types of quizzes Selection and duplication Visual layout Special effects Operators, variables and sensor blocks Additional features	**Online Safety** Cyberbullying. Searches. Copyright Too Much Information. The Online Community. Cyber Superheroes.	**Programming Turtle Logo** Algorithms. Position and shape Manipulating colours. Filling colours Labelling Arcs	**Seeing Music** Wassily Kandinsky John Lennon Using voices to make music (solo and ensemble) Fluency, control and expression
PE	**OAA** Team work Group problem solving Directing others Reading and following maps Sporting qualities Setting up courses **Gymnatics – movement** Jumps and leaps More complex rolls Straddles Lunges and cartwheels Linking movements Perform and assess	**Invasion Games - Football** Invasion game skills Moving with the ball using different techniques Pass and receive with increasing accuracy Attacking skills Defending skills Goal keeping **Dance – WW2** Learn and perform set dances Interpretative dance Using dance to tell a story Plan and perform to an audience	**Invasion Games – Tag Rugby** Throwing and catching Passing a ball Rules of tag rugby Intercepting a pass Attacking and defending skills Evaluating the performance of others **Circuits** Aerobic and anaerobic exercise Upper body exercise Lower body exercise Core muscle exercise Personal targets Evaluating and improving performance	**Net and Wall: Badminton** Using a racket to control an object Striking a shuttlecock Footwork for moving through space Scoring points Defending Playing a badminton match **Dance – Animals** Improvise movement patterns Precision and control Varying dynamics Rhythm in longer sequences Group work for longer sequences	**Striking and Fielding – Cricket** Catching techniques when fielding Overarm throws for targets Defensive hitting techniques Attacking hitting techniques Overarm from standing Kwik cricket **Gymnastics – Shape and Balance** Shapes and 3-point balances Shapes within a routine Shapes, balance and movement 3- and 4-point balances and counter balances Shapes, balance and movement in a routine **Swimming** Swim competently, confidently and	**Athletics** Apply existing running, jumping and throwing skills Improving sprinting Relay running Triple jump Pull throw technique Competing in an athletic event **Dance – Water** Movement phrases Design own movement phrases Link and combine phrases and patterns Short dances with expression Changing stimulus Movement sequences

					proficiently over 25 metres. Develop a range of strokes.	
Art & Design, Design Technology and Music (UL/Alfresco)	**Patterns and Pumpkins** Yayoi Kusama Prints and patterns Clay pumpkins Sketching ideas Decorating clay Evaluation	**Cams, Pulleys and Gears** Cams Pulleys Gears Problem solving Squashed tomato challenge Testing and evaluating	**Watercolour Tropical Rainforest** Drawing from observation Colour Collages Wax Resist Observational drawing Watercolour painting	**The history of music** Singing folk music Playing jazz music Singing gospel music Playing rock'n'roll Singing pop music	**Lighting up the world** Simple circuits Switches Torches Torch design Assembly, testing and evaluation	**Soups** Seasonings Soup ingredients Making soup bases Making soups
History or Geography (UL/Alfresco)	**Locating South America and Brazil** Longitude and latitude Locating South America and Brazil Regions of Brazil The Kayapo people Rio de Janeiro	**World War 2 in Dorset** Evacuees in Bournemouth Bombs in Bournemouth Twynham Village	**Alfresco - Rainforests** Where are rainforests? The Amazon Comparing forests Conservation of rainforests	**Maya Civilisation** Meeting the Maya Religion and Gods Maya Number System Exploration and Discovery Maya Writing Food	**Earthquakes and human settlements** What is an earthquake? How do we measure earthquakes? The Haitian earthquake The Tohoku earthquake Responding to earthquakes Reducing the effects of earthquakes	**Alfresco - Early Islamic Civilisation** Key events in the Early Islamic Civilisation Islamic numeral systems The Importance of Baghdad Islamic tile patterns Comparing Baghdad and London AD900
RE (Twinkl)	**Buddhism** Who and Where Main Beliefs Special Places Special Festivals Holy Book Symbols and Meanings	**Judaism** Who and Where Main Beliefs Special Places Special Festivals Holy Book Symbols and Meanings	**Sikhism** Who and Where Main Beliefs Special Places Special Festivals Holy Book Symbols and Meanings	**Pilgrimages** Buddhist pilgrimages Christian Pilgrimages Hindu Pilgrimages Muslim Pilgrimages Jewish Pilgrimages Special Journeys	**People of Faith** Malala Yousafzai Dalai Lama Rabbi Jonathan Sacks Fauja Singh Bear Grylls How Do My Beliefs Impact on My Life?	**Faith Today** Faiths in the UK Humanism Christianity Islam Sikhi Taoism

Year 5	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
PERSONAL DEVELOPMENT						
PERSONAL DEVELOPMENT 	**Safe**	**Respectful**	**Resilient**	**Safe**	**Respectful**	**Resilient**
PSHRE – Jigsaw 	**Being Me in My World** Planning the forthcoming year Being a citizen Rights and responsibilities Rewards and consequences How behaviour affects groups Democracy, having a voice, participating	**Celebrating Difference** Cultural differences and how they can cause conflict Racism Rumours and name-calling Types of bullying Material wealth and happiness Enjoying and respecting other cultures	**Dreams and Goals** Future dreams Spending, saving and value of money Jobs and careers Dream job and how to get there Goals in different cultures Supporting others (charity) Motivation	**Healthy Me** Smoking, including vaping Alcohol Alcohol and anti-social behaviour Emergency aid Body image Relationships with food Healthy choices Motivation and behaviour	**Relationships** Self-recognition/ self worth Building self-esteem Safer online communities Rights and responsibilities online Online gaming and risks Reducing screen time Dangers of online grooming Internet safety rules	**Changing Me** Self- and body image Influence of online and media on body image Puberty for girls Puberty for boys Conception (including IVF) Growing responsibility Coping with change Preparing for transition
Additional learning opportunities Always including 	Transition Focus Aspirations for the future Zones of Regulation	Dental Hygiene Zones of Regulation	Internet Safety (including cyber-crime and internet safety Day) Zones of Regulation	Personal safety including child-on-child abuse (PANTs) Zones of Regulation	Respectful behaviour in the community (inc peer pressure) Zones of Regulation	Transition focus Gypsy, Roma and Traveller History Month Pride Summer Safety Zones of Regulation
Additional learning opportunities which are date dependant	Stay and Play Black History Month Lingo Legends	Anti-Bullying Wek Children In Need Christmas Jumper Day Christmas Week (inc performances) Fire Safety Road Safety Remembrance Day	Children's MH day Safer Internet Day Arts Week	World Book Day Red Nose Day Science Week Water Safety	Coding Week Enterprise Week	Sports and Health Week Summer Fayre
NATIONAL CURRICULUM SUBJECTS						
English – Writing (Read to Write)	**Where Once We Stood** Explanation Narrative Recount	**FArThER** Setting Narrative Letter	**The Hound of the Baskervilles – Graphic Novel** Narrative	**The Promise** Character Narrative Newspaper Report	**The Lost Book of Adventure** Survival Guide Survival Narrative	**King Kong** Dilemma Narrative Balanced Argument

			Formal Event Report			
Maths (Big Maths)	**Number:** 5d/6d numbers Negative numbers 2dp **Addition and subtraction:** Addition and subtraction of 4d and 4d numbers Addition and subtraction of 1dp Column method **Multiplication and division:** Formal method of division 4d/1d Formal method of multiplication 2dx2d Multiply and divide decimals by 10 Factors **Fractions:** Simplify fractions Multiplying fractions **Geometry:** Types of lines Make 3d shapes Translation **Measurement:** Converting between units including decimal notation. Measuring angles accurately Define acute, obtuse, reflex angles **Statistics** Bar charts with continuous data Line graphs **Algebra:** Trial and improvement		**Number:** 7d/8d/9d numbers Numbers with 2dp Negative numbers **Addition and subtraction:** Addition and subtraction of 5d and 5d numbers Addition and subtraction of 1dp Column method **Multiplication and division:** Formal method of division 4d/1d (remainders) Formal method of multiplication 3dx3d Multiply and divide decimals by 100 Multiples and square numbers **Fractions:** Equivalent fractions Fractions less, equal to and greater than 1 Simplify fractions Multiplying fractions beyond 1 **Geometry:** Types of lines Nets Translation in 2 directions **Measurement:** Converting between units including decimal notation. Perimeter Accurately drawing angles **Statistics** Bar charts with continuous data Line graphs **Algebra:** Missing values represented by letters		**Number:** 7d/8d/9d numbers Numbers with 2dp Negative numbers **Addition and subtraction:** Addition and subtraction of 5d and 5d numbers Addition and subtraction of 2dp Column method **Multiplication and division:** Formal method of division 4d/1d (remainders) Formal method of multiplication 4dx3d Divide and multiply by 1000 Prime numbers Ratio **Fractions:** Equivalent fractions Mixed numbers Percentages **Geometry:** Types of lines Nets Translation and reflection **Measurement:** Converting between units including decimal notation. Measuring angles **Statistics** Bar charts with continuous data Line graphs **Algebra:** Number sequence predictions Number sequences with brackets	
Science (UL/Alfresco)	**Properties and Changes of Materials** Physical properties of materials Thermal conductivity Mixtures and pure substances Solubility (x2) Reversible and irreversible Changes	**Energy** What is energy? Energy stores Fuels as chemical energy stores Human diet Food chains Electrical circuits with cells	**Life Cycles** Reproduction in animals Life cycles Reproduction in flowering plants Asexual reproduction (Enriched by Alfresco – Living Things)	**Human Development** The human life cycle Gestation in humans Gestation in other animals Assisted reproduction Growing up Growing old	**Forces** Gravity Levers, pulleys and gears Friction Air and water resistance– surface area Air and water resistance – shape Sinking and floating	**Earth and Space** What is the universe? Orbits in our solar system Day and night Phases of the moon Eight planets Living in space (Enriched by Alfresco – Earth and Space)

	Separating techniques Separating Mixtures				(Enriched by Alfresco – Forces)	
Computing and music technology (Twinkl)	**3D Modelling (SketchUp)** 2D to 3D. Adding detail. Designing Inside. Furniture. A Table. Your Room.	**Radio Station (Podcasts – Audacity)** Naming Different Devices Used for Sound Recording. Using Device to Record Voices. Playing Back Recordings. Deleting and Re-recording Sounds.	**Coding with scratch (developing online games)** Design and program a game Next level games Sound effects with purpose Boolean operators Costume changes Scoring systems	**Online Safety** Spam. Sites to Cite. Powerful Passwords. False Photography. Online Safety Story. Online Safety Comics.	**Strategic Searching Online** Find information using search engines. Refine search terms. Identify what makes a website reliable and trustworthy. Understand how search engines work. Page ranking. Use SEO.	**Chrome Music** Melody and harmony Rhythm and meter Texture and visual Perform, listen and evaluate as an ensemble
PE	**OAA** Team work Agility and endurance Compass work Read, follow and understanding maps Preparing and setting courses **Gymnastics - movement** Stag and split jumps Pike rolls Squats Round offs Planning sequences Performing and analysing	**Invasion Games** Combining skills to move the ball Passing the ball with correct techniques Possession of the ball Attacking tactics Win back possession Adapting attacking and defending **Dodgeball** Throwing a dodgeball Dodging the ball Defending by blocking and catching Parts of the court Teamwork	**Invasion Games** Basketball Dribble with the ball Passing Pivot Possession strategies Marking Small sided games **Circuits** Preparing for exercise Individual challenges Fair competition Speed and agility Teamwork Fitness routines	**Net and Wall - Tennis** Accurate forehand Accurate backhand Overhead serve Volley Mini games **Gymnastics: Shape and Balance** Link movement and shapes with rhythmic gymnastics 2-,3- and 4-point balances Part weight balances Routines on apparatus Routines including shape, balance and movements **Swimming** Swim competently, confidently and proficiently over a distance of at least 25 metres. Use a range of strokes.	**Striking and Fielding: Rounders** Batting and bowling techniques Throwing and catching Backstops and fielding Deep fielding Rounders tactics Rules of rounders **Dance – Eco Dance** Smooth transitions Spatial awareness Ongoing motifs Timing variations Expressive movements Fluent sequences	**Athletics: Field** Refining existing skills Sprint starts Sustaining longer distances Jumping for height Fling throw **Invasion Games - Handball** Agility and ball control Throwing and catching Attacking, moving and passing Defending, marking and intercepting Shoot and protect Small sided games

Art & Design, Design Technology and Music (UL/Alfresco)	**Illustration and Narrative Art** Illustrations Graphic novels Illustration process Storyboards Characters Outcomes	**Sustainable Projects** Designing for sustainability Designing a sustainable lunch/snack container Measuring, marking, cutting and refining Assembling and finishing	**Pattern and Sculpture** Drawing from secondary sources Watercolour brushstrokes and techniques Watercolour painting Mark Herald Pattern and texture Origami	**Ossiri and the Bala Mengro** Listening to music from different traditions Musical notation Composing music Preforming to a audience	**Smart Schools** Switches and sensors Electronic systems and programmable controllers Control circuits Prototyping and testing Making and testing a 'smart school'	**Sauces** Food types Making tomato sauce Making sauce based meals Making bechamel sauce Making bechamel sauce-based meals Evaluation
History or Geography (UL/Alfresco)	**Alfresco - Investigating World Trade** Distribution of natural resources Using natural resources Trade, imports and exports 4 figure grid reference Changes in trade Fairtrade	**Alfresco - Ancient Rome** How Romans invaded Britain Constructing Roman towns Building Roman roads Mosaics How Romans transported water Timeline of the Roman Empire	**Alfresco – North and South America** Locating countries and cities in the Americas Features of North America Features of South America Comparing North America to a local region Comparing housing in South America to the UK	**Alfresco – Tudors** When and why? Henry VIII 6 wives Elizabeth I Buildings Leisure and entertainment	**Alfresco – Climate and Energy** Climate zones Rising sea temperatures Drivers of climate change Renewable and non-renewable energy	**Quest for Knowledge** The first homo sapiens The earliest civilisation Before the modern world Scientific revolution in Europe After the scientific revolution
RE (Twinkl)	**Worship** Having Worth Music Prayer Art Artefact Freedom	**The True Meaning of Christmas** Explanation Love Power and Vulnerability Christmas Cards Carols Christmas Debate	**Forgiveness** What Is Forgiveness? Forgiveness in Judaism Yom Kippur (Judaism) Forgiveness in Buddhism? Comparing Forgiveness in Buddhism and Judaism A Symbol for Forgiveness	**Peace** Introduction to Peace Peace Across Religions Comparisons Across Religions Inner Peace Community Cohesion Peace Symbols	**Commitment** What Is Commitment? Growing in Commitment Sacrifice Fasting Marriage How Do You Remain Committed?	**Jesus the Healer** Miracles and The Bible The importance of miracles for Christians Emotions linked to miracles

Year 6	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
PERSONAL DEVELOPMENT	**Safe**	**Respectful**	**Resilient**	**Safe**	**Respectful**	**Resilient**
PSHRE – Jigsaw	**Being Me in My World** Identifying goals for the year Global citizenship Children's universal rights Feeling welcome and valued Choices, consequences and rewards Group dynamics Democracy, having a voice Anti-social behaviour Role-modelling	**Celebrating Difference** Perceptions of normality Understanding disability Power struggles Understanding bullying Inclusion/exclusion Differences as conflict, difference as celebration Empathy	**Dreams and Goals** Personal learning goals, in and out of school Success criteria Emotions in success Making a difference in the world Motivation Recognising achievements Compliments	**Healthy Me** Taking personal responsibility How substances affect the body Exploitation, including 'county lines' and gang culture Emotional and mental health Managing stress	**Relationships** Mental health Identifying mental health worries and sources of support Love and loss Managing feelings Power and control Assertiveness Technology safety Take responsibility with technology use	**Changing Me** Self-image Body image Puberty and feelings Conception to birth Reflections about change Physical attraction Respect and consent Boyfriends/girlfriends Sexting Transition
Additional learning opportunities Always including thrive	Transition Focus Aspirations for the future Zones of Regulation	Dental Hygiene Zones of Regulation	Internet Safety (including cyber-crime and internet safety Day) Zones of Regulation	Personal safety including child-on-child abuse (PANTs) Zones of Regulation	Respectful behaviour in the community (inc peer pressure) Zones of Regulation	Transition focus Gypsy, Roma and Traveller History Month Pride Summer Safety Zones of Regulation
Additional learning opportunities which are date dependant	Stay and Play Black History Month Lingo Legends	Anti-Bullying Wek Children In Need Christmas Jumper Day Christmas Week (inc performances) Fire Safety Road Safety Remembrance Day	Children's MH day Safer Internet Day Arts Week	World Book Day Red Nose Day Science Week Water Safety	Coding Week Enterprise Week	Sports and Health Week Summer Fayre
NATIONAL CURRICULUM SUBJECTS						
English – Writing (Read to Write)	**Rose Blanche** **Anne Frank** Diary Recount (speech)	**A Story Like the Wind** Flashback Narrative Newspaper Report	**On the Origin of Species** Discovery Narrative Explanation Text	**The Ways of the Wolf** First Person Narrative Balanced Argument Information Text Suspense Narrative	**Shackleton's Journey** Narrative Magazine Article	**Hansel and Gretel** Dual Narrative Persuasive Letter
Maths	**Number:** 7d/8d/9d numbers		**Number:** 7d/8d/9d numbers		**Number:** 7d,8d,9d numbers	

(Big Maths)	Numbers with dp Negative numbers **Addition and subtraction:** Addition and subtraction of 4d and 4d numbers Addition and subtraction of up to 3dp Column method **Multiplication and division:** Formal method of division 3d/2d Formal method of multiplication 4dx2d Multiplication of 1dx1d.1dp Ratio **Fractions:** Equivalent fractions Simplify fractions using common factors Multiplying fractions Percentages of convenient numbers Ratio notation Multiplying fractions **Geometry:** Drawing circles Understanding radius, diameter, circumference Nets Translation and reflection **Measurement:** Converting between units including decimal notation to 3dp Perimeter of compound shapes Angle properties – triangles and quadrilateral **Statistics** Bar charts, line graphs, timetables, averages, pie charts **Algebra** Patterns of a non-fixed amount Two unknown numbers in an algebraic equation Simplify expressions		Numbers with dp Negative numbers **Addition and subtraction:** Addition and subtraction of 5d and 5d numbers Addition and subtraction of up to 3dp Column method **Multiplication and division:** Formal method of division 4d/1d (including remainders) Formal method of multiplication 3dx3d Divide and multiply by 100 Multiples and square numbers **Fractions:** Fractions of shapes with unequal pieces Divide proper fractions Covert fractions into decimals Percentages of any number Ratio conversion **Geometry:** Draw nets Co-ordinates in all quadrants Reflection on x and y axis **Measurement:** Converting between units including decimal notation to 3dp Area of compound shapes Angle properties – triangles and quadrilateral **Statistics** Bar charts, line graphs, timetables, averages, pie charts, probability **Algebra** Patterns of a non-fixed amount Two unknown numbers in an algebraic equation Simplify expressions		Numbers with dp Negative numbers **Addition and subtraction:** Addition and subtraction of 5d and 5d numbers Addition and subtraction of up to 3dp Column method **Multiplication and division:** Formal method of division 4d/1d (including remainders) Formal method of multiplication 3dx3d Divide and multiply by 100 Multiples and square numbers **Fractions:** Fractions of shapes with unequal pieces Divide proper fractions Covert fractions into decimals Percentages of any number Ratio conversion **Geometry:** Draw nets Co-ordinates in all quadrants Reflection on x and y axis **Measurement:** Converting between units including decimal notation to 3dp Area of compound shapes Angle properties – triangles and quadrilateral **Statistics** Bar charts, line graphs, timetables, averages, pie charts, probability **Algebra** Patterns of a non-fixed amount Two unknown numbers in an algebraic equation Simplify expressions	
Science (UL/Alfresco)	**Electricity** Circuit symbols and diagrams Batteries Series circuits (x2) Parallel circuits Electricity in the home	**Evolution and Inheritance** Animal and plant adaptations Variation within species Dawin's theory of natural selection Fossils and evidence of evolution Evolutionally biologists	**Light** Shadows Sight Colour vision Visual impairments Reflection Using reflections (Enriched by Alfresco – Light)	**Further Classification** Invertebrates Arthropods Plants Fungi Microorganisms Bacteria and disease (Enriched by Alfresco – Living Things	**The Human Body** Respiration and blood The heart and circulatory system Blood vessels Exercise and heart rare Staying healthy Drugs and smoking	**Physical and Chemical Changes** Separating mixtures – distillation Separating mixtures – chromatography Chemical and physical changes Evidence of chemical change Rusting Combustion

Computing and music technology (Twinkl)	**Know Your Network** What is a network? Types of networks Computer connections Internet and Cloud Storage Broadband Malware and cybersecurity	**Spreadsheets** Number Operations. Ordering and Presentation. Add Edit and Calculate. Solving Problems. Party Plan Budget. Design Your Own.	**Coding with Scratch: Animated Stories** Create appropriate animations. Structure and control timing of events. Control when sprites are visible. Plan a sequence of events to create a story narrative. Sequence events to create a story narrative. Add voice to enhance a story	**Online Safety** Cyberbullying. Secure Websites. People Online. SMART bots Quizzes	**Film-making** Writing a Script. Research and Sources Filming. Interviewing. Editing. Publishing	**Garage Band** Interface and beat What's in a name? Smart chords and basslines Loops Performing to a larger audience
PE	**OAA** Systematic problem solving Positivity and perseverance Communication Leadership Cooperation Competition **Gymnastics – movement** Cat and stag leap Dive and pike roll Straddles Hurdle and round off Similar movement sequences Choreograph and perform in groups	**Invasion Games** Move with the ball with skill Move with and pass the ball Apply attacking and defending techniques in a game Game invention Game evaluation **Dance – Through the Decades** History of recent dance styles Performing dance in a specific style Peer review and improvement	**Invasion Games - Netball** Refine catching and throwing Using a range of passes Footwork rules One-on-one marking Small sided games Evaluating performance **Circuits** Safe exercise Levels of intensity Mental well-being Physical strength Leading others	**Net and Wall: Volleyball** Movement and passing Underarm serve Set shots with accuracy Spike shots and blocks Newcomb ball Small sided game **Gymnastics – shape and balance** Linking shapes and movements 2,3 and 4-point balances Combining shapes and balances with a partner Combining shapes and balances with a group Group sequences which convey information **Swimming** Use a range of strokes over a distance of at least 25 metres.	**Striking and fielding- Cricket** Quick reactions Effective fielding Throwing for distance and accuracy Striking for distance Overarm bowling **Dance – Electricity** Respond to stimuli with control Accuracy and consistency of technique Representing objects Dance phrases Respond to peer feedback	**Athletics** Refining fundamental movement Sprint relays Controlling pace over distance Hurdles Refining jumps Heave throws **Leadership in PE** Giving clear instructions Good communication Motivating others and resilience Empowering others Leading groups

				Perform self-rescue		
Art & Design, Design Technology and Music (UL/Alfresco)	**Displacement/challenges** Challenges for artists Artist inspiration Composition design Developing design ideas Outcomes Evaluation	**Renewable Energy** Solar energy Wind energy Designing wind turbines Testing and evaluating wind turbines	**Recycled Materials Installation** Artists and the environment Plan Designing Creating an installation Exhibition	**The Dam** The power of music Composing music Playing in ensemble Performing to a larger audience	**Upcycled Projects** Research and design Product ideation Design development and prototyping 3D modelling Assembly, testing and evaluation	**Savoury Snacks** Food processing Cheese scones Pasties Food choices Designing savoury snacks
History or Geography (UL/Alfresco)	**On the Move** Needs for living Voluntary migration Forced migration Migration in the local area	**Anglo-Saxons** Who were the Anglo-Saxons? Where did the Anglo-Saxons live? How do we know about the Anglo-Saxons? What did the Anglo-Saxons believe? What did the Anglo-Saxons make? How did the Anglo-Saxons keep power?	**Improving the Environment** Climate change Mitigating the change Renewable energy Impact of actions Plastic problems Improving the problem	**Alfresco – Vikings** Viking invasions Vikings vs. Anglo Saxons Viking success Viking life and settlements	**Alfresco - Mountains and Rivers** Locating mountains Features of a mountain How mountains are former Locating major rivers Water cycle	**Power, Empire and Democracy** British Empire Decline of the British Empire Migration to UK Life for Migrants in the UK British Civil Rights Movement 1960s to today
RE (Twinkl)	**Humanism** Worldviews Influential thinkers Humanist Thinkers Main Beliefs Symbols and Meanings Living a Good Life	**The Christmas Story** Key Events Interpretation Nativity Comparison Gospel Evaluation Advent Celebrations	**Creation Stories** Judaism & Christianity Comparing creation stories 1 Hinduism Sikhism Types of creation Stories Comparing creation stories	**Crucifixion** The Easter Story Free Will or Determinism The Life of Jesus The Evidence The Christian Belief Evaluation	**Justice and Freedom** What Is Freedom? What Is Justice? Exploring Stories 1 What Is Justice? Exploring Stories 2 Human Rights Non-Violent Protest Movement	**Eternity** **Defining Eternity** Immortality Heaven Emancipation Humanism What Is Eternity?

					Which Is More Important: Freedom or Justice?	