

# Navigators Class – Curriculum overview – Cycle A

Key vocab in italics	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
ENRICHMENT				Chester Zoo Trip All Saints Church visits Faith Visitors P.E events		
ENGLISH	<ul style="list-style-type: none"> <li><i>Rumaysa</i> - Radiya Hafiza</li> <li><i>Grimm Tales for Young and Old</i> - Phillip Pullman</li> </ul>	<ul style="list-style-type: none"> <li><i>The Tempest</i> - William Shakespeare</li> <li><i>Rain Player</i> - David Wisniewski</li> </ul>	<ul style="list-style-type: none"> <li><i>Kaspar, Prince of Cats</i> - Michael Morpurgo</li> <li><i>The Unforgotten Coat</i> - Frank Cottrell Boyce</li> </ul>	<ul style="list-style-type: none"> <li><i>The Three Little Pigs Project</i> - The Guardian</li> <li><i>The Island</i> - Armin Greder</li> </ul>	<ul style="list-style-type: none"> <li><i>Curiosity</i> - Markus Motum</li> <li><i>The Strange Case of Origami Yoda</i> - Tom Angleberger</li> </ul>	<ul style="list-style-type: none"> <li><i>Anne Frank</i> - Josephine Poole</li> <li><i>Resist</i> - Tom Palmer</li> </ul>
	<b>Fairy tale (prequel)</b> Warning poster, diary entry, villain's lair advert, character description, missing narrative <b>Own version traditional tales</b> Retellings, character studies, monologues, character comparisons	<b>Analytical essays about The Maya</b> Instructions, posters, missing scenes, diaries, newspapers, debates <b>Playscripts</b> Setting descriptions, character descriptions, diaries, dialogue	<b>Newspaper articles</b> Character descriptions, reports, letters, advertising leaflets, balanced reports <b>Own version narratives</b> Diaries, explanations (science experiment), dialogue, non-chronological reports	<b>Discussion texts</b> News reports, persuasive speeches, interview scripts, diaries, debates, narratives <b>Sequel</b> Welcome guide, description, letter of advice, diary entry in role, imagined conversation	<b>Expanded explanations</b> NASA Proposals, information labels, short explanations, NASA logs, news reports <b>Discussion texts</b> Instructions, persuasion, diaries	<b>Newspaper articles</b> Letters, short descriptions, extended diary entries, obituaries, opinion pieces <b>New chapters</b> Journalistic writing, recounts, discussion texts
	<i>Relative clauses</i> <i>Modal verbs</i> <i>Adverbials</i> <i>Brackets, dashes, commas</i> <i>Expanded noun phrases</i> <i>Formal speech</i> <i>Subjunctive form</i>	<i>Conjunctions</i> <i>Noun phrases</i> <i>Present perfect tense</i> <i>Fronted adverbials</i> <i>Modal verbs</i> <i>Brackets, dashes, commas</i> <i>Colon and semicolon</i> <i>Formal and informal speech</i>	<i>Passive verbs</i> <i>Expanded noun phrases</i> <i>Modal verbs</i> <i>Commas for clarity</i> <i>Paragraphs</i> <i>Synonyms and antonyms</i> <i>Relative clause</i> <i>Colon and semi colon</i>	<i>Devices for cohesion</i> <i>Brackets, dashes and commas</i> <i>Passive voice</i> <i>Hyphens</i> <i>Subjunctive form</i> <i>Perfect form</i> <i>Noun phrases</i> <i>Modal verbs</i>	<i>Expanded noun phrases</i> <i>Modal verbs</i> <i>Relative clause</i> <i>Commas for clarity</i> <i>Brackets, dashes and commas</i> <i>Passive voice</i> <i>Informal and formal</i> <i>Semi-colon, colon and dash</i>	<i>Modal verbs</i> <i>Cohesion</i> <i>Formal and informal</i> <i>Relative clause</i> <i>Brackets, dashes and commas</i> <i>Dashes</i> <i>Expanded noun phrases</i>

MATHS	Y5					
	<ul style="list-style-type: none"> <li>Place value</li> <li>Addition and subtraction</li> <li>Statistics</li> <li>Geometry (angles)</li> <li>Geometry and measure</li> </ul>	<ul style="list-style-type: none"> <li>Multiplication and division</li> <li>Fractions</li> <li>Multiplication and area</li> <li>Time</li> </ul>	<ul style="list-style-type: none"> <li>Place value</li> <li>Negative numbers</li> <li>Addition and subtraction</li> <li>Measure (length, mass and capacity)</li> <li>Geometry</li> </ul>	<ul style="list-style-type: none"> <li>Fractions</li> <li>Geometry (shape)</li> <li>Measurement (volume)</li> <li>Statistics</li> <li>Problem solving (bar model)</li> </ul>	<ul style="list-style-type: none"> <li>Place value</li> <li>Measurement and statistics</li> <li>Geometry</li> <li>Addition and subtraction</li> <li>multiplication</li> </ul>	<ul style="list-style-type: none"> <li>Division</li> <li>Fractions</li> <li>Percentages</li> <li>Statistics</li> <li>measurement</li> </ul>
	Tens, hundreds thousands, million, bridging, decimal, discrete, continuous, acute, obtuse, angles Perimeter, rectilinear	Multiples, factors, square numbers, partitioning Remainders, equivalent Tenths, hundredths Thousands, area, analogue timetable	Represent, decimal place Round, negative, compensation, divisibility prime numbers, kilometre metre, centimetre, convert, reflection, coordinates	Convert, improper fractions, mixed fractions Denominator, numerator Regular, irregular, nets	Multiples, decimals Rounding, negative numbers, Roman Numerals, units, equivalences, metric Imperial, angles Plot, strategies, estimation	Chunking, interpret Partitioning, percentage fractional equivalence interpret, mass, length grams, kilograms, tonnes metres, kilometres
	Y6					
	<ul style="list-style-type: none"> <li>Place value and decimals</li> <li>Addition and Subtraction</li> <li>Multiplication and Division</li> </ul>	<ul style="list-style-type: none"> <li>Fractions, decimals and percentages</li> <li>Algebra and sequences</li> <li>Geometry and Area</li> <li>Statistics</li> </ul>	<ul style="list-style-type: none"> <li>Place value,</li> <li>Negative numbers and number sequences</li> <li>Coordinates and Geometry</li> <li>Calculation</li> </ul> <p>Fractions</p>	<ul style="list-style-type: none"> <li>Ratio and proportion</li> <li>Statistics</li> <li>Geometry(2d and 3d shape)</li> <li>Measurement</li> </ul> <p>Algebra</p>	<ul style="list-style-type: none"> <li>Revision</li> </ul> <p>Applied Maths</p>	<ul style="list-style-type: none"> <li>Addition and subtraction</li> <li>Multiplication</li> <li>Division</li> </ul> <p>Applied maths</p>
	<i>Tens, hundreds, thousands, million, tens of millions, bridging, decimal places powers of ten rounding estimating</i>	<i>Common multiples Express fractions Denomination Mixed numbers, percentage missing numbers algebra</i> <ul style="list-style-type: none"> <li>variables, formulae, equation</li> </ul>	<i>Represent ,decimals to 3 decimal places, partition, rounding, negative numbers ,positive /negative numbers, integers, quadrants, coordinate grid, translate, axis ,reflect ,parallel, perpendicular, vertices, brackets, denominator</i>  •	<i>scaling problems ,direct proportion ,ratio, bar model, multiples, percentages, pie charts, mean as an average, perimeter, circumference,</i> <ul style="list-style-type: none"> <li>diameter, radius, quadrilateral, interior angles, polygons, angles ,nets, scale factor, composite shapes</li> </ul>	<i>Multiples, decimals Rounding, negative numbers, Roman Numerals, units, equivalences, metric Imperial, angles</i> <ul style="list-style-type: none"> <li>Plot, strategies, estimation, reflect, translate</li> </ul>	<i>mental partitioning ,bridging efficiently and compensation, finding the difference, strategy,</i> <ul style="list-style-type: none"> <li>chunking</li> </ul>

				<i>,perimeters, area, volume, convert, time</i>		
SCIENCE	<b>Materials: Properties and changes (Y5)</b>	<b>Materials: Mixtures and separation (Y5)</b>	<b>Energy: Light and reflection (Y6)</b>	<b>Forces and space: Earth and space (Y5)</b>	<b>Living things: Classifying big and small (Y6) Animals: Human timeline</b>	<b>Making connections: Does the size of an asteroid affect the diameter of its impact crater? (Y5)</b>
	control variable (LKS2) dissolve filtering insoluble mixture sieving soluble solution stopwatch (LKS2) variable (LKS2)	Burning, control variable (LKS2),conductor ,electrical conductivity, hazard, insulator irreversible change method (LKS2) reversible change, rust, rusting, safety, thermal conductivity transparency, trustworthy (LKS2)variable (LKS2)	Anomaly. conclusion (LKS2),control variable (LKS2) evaluate, evidence ,fair test, light ray, line graph, line of best fit, mean average, pupil, ray diagram reflective relationship reliable scale testable units variable (LKS2)	<i>celestial bodies, data day/daytime ,degrees Celsius (LKS2),discovery Earth, evidence, gravity, Jupiter, line graph, line of best fit, Mars, Mercury, Model, Moon, Neptune night/night time, orbit Phase ,planet ,Pluto, Saturn Solar System, Spherical, ,star, temperature (LKS2) testable</i>	classification key (LKS2) classify (LKS2) cold-blooded conifer exoskeleton fern life processes micro-organism moss organism warm-blooded	<i>air resistance celestial bodies conclusion (LKS2) evaluate fair test gravity predict (KS1) spherical reliable trustworthy (LKS2) variable (LKS2)</i>
RE	<b>5.1 The Bible World Faith Unit Buddhism, Judaism, Islam, Sikhism and Hinduism</b>	<b>5.2 Christmas</b>	<b>5.3 Jesus</b>	<b>5.4 Easter</b>	<b>5.8 Daniel World Faith Unit Judaism - Purim</b>	<b>5.5. The Old Testament women</b>
	Old Testament ,New Testament Gospel ,Word of God Translation	Saviour ,Messiah ,gospel Matthew ,Luke ,nativity Herod ,incarnation salvation	Parable ,Kingdom of God Imagery	Victory ,Triumph Resurrection, Sacrifice Salvation ,Redeemer	Daniel ,Old Testament Shadrach, Meshach Abednego, Nebuchadnezzar Darius	Jochebed, Deborah Abigail ,Rahab Hannah ,Ruth Esther ,Purim
PSHE	<b>Being me in my world (Y6)</b>	<b>Celebrating Differences (Y6)</b>	<b>Healthy Me (Y6)</b>	<b>Dreams and Goals (Y6)</b>	<b>Relationships (Y5)</b>	<b>Changing Me (Y5) Changing Me (Y6)</b>
	Goals, Worries, Fears, Value, Welcome, Choice,	Culture, Conflict, Difference, Similarity,	Choices, Pressure, Calm, Level headed, Body	Dream, Hope, Goal, Feeling, Achievement,	Self-esteem, Unique, Comparison, Negative	Y5 Puberty, menstruation

	Community, Responsibilities, Rewards, Consequences, Empathise, Learning Charter, Obstacles, Cooperation, Collaboration, Legal, Illegal, Lawful, Laws,		Belong, Racism, Colour, Race, Discrimination, Ribbon, Bullying, Rumour, Racist, Homophobic, Cyber bullying, Texting, Problem solving,		image, Media, Social media, Celebrity, Altered, Self-respect, Comparison, Eating problem, Eating disorder, Respect, Debate, Opinion, Fact, Motivation.		Money, Grown Up, Adult, Lifestyle, Job, Career, Profession, Money, Salary, Contribution, Society, Determination,		self-talk, Social media, Online, Community, Responsibilities, Social Gaming, Violence, Grooming, Troll, Gambling, Betting, Trustworthy, Appropriate, Screen time, Physical health, Mental health,		Periods hygiene change conception sexual intercourse embryo foetus pregnancy sperm egg (ovum) fertilise / fertilisation pubic hair breasts testicles penis vagina womb (uterus) ovaries relationships love attraction confidence self-image Y6 self-esteem, uterus, womb, oestrogen, fallopian tube, cervix, develops, puberty, breasts, vagina, vulva, penis, testicles, adams apple, scrotum, genitals, hair, sperm, semen, erection, , hormones, scrotum, testosterone, ovaries, period, conception, , umbilical cord, IVF, foetus, contraception, pregnancy, menstruation, wet dreams	
PE	<b>Invasion Games: Netball</b>	<b>Invasion Games: Football (Kick On Coach)</b>	<b>Dance: The Haka</b>	<b>Gymnastics (Kick On Coach)</b>	<b>Gymnastics</b>	<b>Net and Wall: Badminton (Kick On Coach)</b>	<b>Orienteering: Enrich</b>	<b>Invasion Games: Hockey (Kick On Coach)</b>	<b>OAA: Team work and Problem Solving</b>	<b>Striking and Fielding (Kick On Coach)</b>	<b>Net and Wall: Tennis</b>	<b>Athletics (Kick On Coach)</b>
	passing bounce pass tactic defender attacker space	passing pass tactic defender attacker	motif theme agility coordination	travelling control points of the body balance	travelling control points of the body balance	throwing action catching technique position	Seek ,read map features key markers	passing bounce pass tactic defender	Seek ,read map features key markers	underarm accuracy communication striking	throwing action catching technique position	techniques run throw sling throw pull

	invasion score perform accuracy stamina send receive	space invasion score perform accuracy stamina send receive	precision action movement travelling perform changes direction rhythm	stillness accuracy jumping landing sequence actions rolls direction	stillness accuracy jumping landing sequence actions rolls direction	striking control stroke grip tactics shuttlecock	collaborati on team work direction speed record	attacker space outwit invasion score perform accuracy stamina shooting	collaborati on team work direction speed record problem solve	fielding tactics tee drop feed focus stamina	striking control stroke grip tactics forehand backhand	combinatio n strength performan ce sustained relay speed event distance
COMPUTING	Data Handling: Mars Rover		Programming: Intro to Python		Skills showcase: Mars Rover 2		Computing systems and networks: Bletchley Park		Computing Systems and Networks: Exploring AI		Skills showcase: inventing a product	
	binary code byte CPU data data transmission hexadecimal input numerical data output radio signal RAM signal simulation space		algorithm code command design import indentation input instructions loop output patterns random remix repeat shape		algorithm binary image CAD compression CPU data execute input JPEG memory operating system output pixels RAM RGB ROM		acrostic code audio advert brute force hacking Caesar cipher chip and PIN system cipher combination date shift cipher discovery invention scrambled script		AI algorithm applications authenticity code considerations debate ethical generate HTML implications instructions modify output prompt refine response		Abstraction algorithm bug, code coding debug information input loop product program repetition selection sequence software structure variable	
HISTORY	The Tudors (Autumn 1) Was Henry VIII a fair ruler or a tyrant?				Crime and Punishment (Spring 1) How have punishments for crimes, in Lancashire, changed over time?				A local history study/ Britain since 1066 (Summer 1) What caused the evacuation of children (to the local area) during WWII?			
	bias ,democracy ,enslaved ,enslaver heir , merchant ,parliament ,perspective propaganda ,sovereign state tyrant				crime, punishment, stocks, prison ,transportation execution ,fines, court, reform, justice				evacuation, World War Two ,evacuee ,air raid gas mask rationing, blackout ,host family Lancashire, Anderson shelter			

GEOGRAPHY			
	<b>What is life like in the alps? (Autumn 2)</b> <i>atlas, climate, climate change, coniferous trees, data, deciduous trees, enquiry, fold mountain, glacier, hemisphere, human feature, land height, latitude, leisure, longitude, method, mountain climate, mountain range, OS map, physical feature, population, questionnaire, sea level, recreational land use, risk, route, scale, temperate, temperate forest, tourism, tourist, vegetation</i>	<b>Would you like to live in a desert? (Spring 2)</b> <i>analyse, biome, buttress roots, canopy layer, community, data, deforestation, drought, emergent layer, enquiry, Equator, forest floor, global warming, greenhouse gas, indigenous peoples, interpret, lianas, lines of latitude, logging, method, mining, present, questionnaire, quote, risk, route, summarise, Tropic of Capricorn, Tropic of Cancer, understorey layer, vegetation, vegetation belts</i>	<b>Can I carry out an independent fieldwork enquiry? (Summer 2)</b> <i>analyse, audience, city, data, data collection methods, enquiry, evidence, impact, improvement, issue, justify, plot, presenting, process, recommendation, region, risk, route, subjective, viewpoint</i>
ART	<b>Painting and mixed media: Artist study</b> <i>Abstract, analyse, artist, compose, compositions, convey, evaluation inference interpret, justify, meaning medium mixed media narrative respond tableau technique ,thought-provoking</i>	<b>Craft and Design: Architecture</b> <i>Abstract , annotate, architect, architectural architecture, bird's-eye view ,built environment commemorate ,composition, crop, design, design brief ,design intention, elevation, evaluate, external, form, futuristic ,individuality, interpret, legacy, literal , monoprint, monument, observational drawing ,organic perspective</i>	<b>Craft and design: Photo opportunity</b> <i>Photomontage, Image, , Cityscape, Macro, Photography, Monochrome, Monochromatic, Album, Digital, Frame, Recreate, Pose, Prop, Portrait</i>

DESIGN TECHNOLOGY	Electrical Systems: Doodlers (Yr5)		Mechanical Systems: Making a pop-up book (Yr5)		Digital world: Navigating the world (Yr6)	
	<i>Circuit component, Configuration, Current, Develop, Investigate, Motorised, Product analysis, Series circuit, Stable</i>		<i>Aesthetic, Computer-aided design (CAD), Caption, Design brief, Design criteria, Linkage, Mechanism, Motion, Pivot, Slider, Structure, Template</i>		<i>3D CAD, Application (apps), Client, compass, Environmentally friendly, Feature, GPS, Manufacture, Materials, Mouldable, Product lifecycle, Product lifespan, Recyclable, Sustainable design, Unsustainable design</i>	
MUSIC	Film music (Y6)	Composition notation (Y5)	Musical theatre (Y5)	Theme and variations Pop Art (Y6)	Songs of WW2 (Y6)	Composing and performing a leavers song (Y6)
	<i>accelerando, Body percussion, brass, characteristics, chords, chromatics, clashing, composition, conversation, convey, crescendo, descending, dynamics, emotion, evoke, features, imagery, improvise, interpret, interval, major, melodic, melody, military, minor, modulate, musical, orchestral, pitch, polished, sequence,</i>	<i>Features fluency Lyrics minim minor key notation parts pitch pitch notation quaver repeating rhythm semibreve sheet music staff notation stave structure tempo tune tuned percussion unison vocal warm-ups</i>	<i>action song, backdrop, book musical, character song, choreographer, composer, comic opera, costumes, designer, dialogue, director, duet, ensemble, hip-hop musical, jukebox musical, librettist, libretto, lyricist, musical director, musical theatre, opera, operetta, performers, props, rock musical,</i>	<i>3/4 time 4/4 time accidentals body percussion diaphragm legato motif orchestra percussion phrases pitch pizzicato pulse quaver rhythm rhythmic elements section semi-quaver staccato tempo theme TIKI-TIKI, TI-TIKI, TIKI-TI Translate variations vocal line</i>	<i>accuracy, backing track, compare, contrast, complement, control, counter-melody, diaphragm, dynamics, era, expression, features, graphic score, harmony, harmonise, lyrics, melody, melody line, morale, notate, octave, parts, performance techniques, phrase, phrasing, pitch, purpose, score, Solfa, Solfa ladder, tempo</i>	<i>allegro, arrangement, backing track, chorus, chord progression, compose, crescendo, diminuendo, dynamics, evaluate, forte, largo, lyrics, melody, mood, musical features, notation, piano, poetic structure, repetitive, rhyme, ritardando, tempo, sequence, stave notation, structure, upbeat, verse</i>

	<i>solo, soundtrack,</i> <i>symbol, timpani,</i> <i>tension, texture,</i> <i>tremolo, unison,</i> <i>urgency</i>		<i>scene, solo, tempo,</i> <i>timbre, transitions</i>			
FRENCH	<u>Portraits - describing in French</u> <u>Meet my French family</u>		<u>Clothes - getting dressed in France</u> <u>French weather</u>		<u>Exploring the French speaking world</u> <u>Planning a French holiday</u>	
	et - and Mais - but Il a - he has Elle a - she has Les cheveux - hair les cheveux blonds - blonde hair les cheveux noirs - black hair les cheveux roux - ginger hair les cheveux longs - long hair les cheveux courts - short hair les yeux - eyes les yeux bleus - blue eyes les yeux verts - green eyes le nez - the nose mon - my (and a masculine noun) ma - my (and a feminine noun) mes - my (and a plural noun) mon père - my father		un T-shirt - a T-shirt un short - shorts un pantalon - trousers un chapeau - a hat un maillot de bain - a swimsuit une culotte - pants une chemise - a shirt une veste - a jacket des chaussettes (f) - socks des bottes (f) - boots des lunettes (f) - glasses des baskets (f) - trainers un pull - a jumper or pullover mon (masc. sing.) - my ma (fem. sing.) - my mes (plural) - my dans ma valise il y a... - in my suitcase there is... un maillot de foot - a football shirt c'est de quelle couleur ? - what colour is it? c'est - it is rouge(s) - red orange - orange		dans ma ville, il y a, il n'y a pas de, où est... ?, tournez à gauche, allez tout droit, en face de, entre, autour de au bord de, loin de, je vais y aller, un aller simple un aller retour, j'adore aller au parc parce que c'est relaxant	