



Year 8

Curriculum Booklet

2023-2024

Northwood's Curriculum Intent

At Northwood School, we aim to provide a curriculum which:

- Is built upon an ethos of ambition and achievement for all its students
- Is as rigorous, enriching and broad as possible to allow students to deepen their knowledge in each subject
- Provides students with a multitude of opportunities to acquire, **engage** with and master the priority knowledge and essential skills for each subject
- Is well designed, sequenced and accessible to provide all students with a thorough foundation for future aspirations
- Empowers students to foster their own **independence** and exceed their own expectations by cultivating skills and developing new ones
- Endeavours to support and develop the students' ability to **co - operate** and communicate with others so that they are prepared their future careers
- Cultivate the development of students' confidence and **resilience** with the aim of allowing students to forge their desired futures
- Inspires students to take **pride** in their learning and instil an **enthusiasm** for lifelong learning

Our Key Stage 3 curriculum aims to be broad and balanced. All students study maths, English, biology, chemistry, physics, French or Spanish, history, geography, design technology including food technology, textiles, art, music, drama, and dance. This gives them a strong foundation for further study.

Our aim is to provide an educational experience that inspires a lifelong love of learning and enables all students to become well rounded individuals.

Year 8 - at a glance

Subject	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
English	'The Woman in Black'	Gothic creative writing	Ballads	Speech writing	'Tempest'	War poetry
Maths	Algebra	Area, Perimeter, Volume; Ratio and Percentages	Representing data	Angles; Probability	Sequences	Transformations; End of Year project
Science	Unit 1: Biology: Health and Lifestyle Chemistry: The Periodic Table	Unit 2: Physics: Electricity and magnetism Chemistry: separation techniques	Unit 3: Biology: Adaptations and Inheritance Physics: Motion and Pressure	Unit 4: Biology: Ecosystem processes Chemistry: The Earth	Unit 5: Physics: Energy Chemistry: Metals and Acids	Working scientifically: Development of scientific & practical skills
RE	Judaism	Judaism	Philosophy and Worldviews	Philosophy Ethics and Worldviews	Ethics and worldviews	Christian Artefacts
French	Tricolore 1 Unit 7: Town Unit 8: School Unit 9: Food			Tricolore 1 Unit 10: Free time Tricolore 2 Unit 8: Holidays		
Spanish	Claro 1 Unit 5: Town Unit 6: School Claro 2 Unit 1: Food & Health			Claro 2 Unit 2: Holidays Unit 3: Meida		
History	Stuart times to the Glorious Revolution	Industrial Revolution	The British Empire	The British Slave Trade & Civil Rights in the USA	Civil Rights in the USA (continued) The Suffragettes	World War One
Geography	Natural Hazards - Tectonics	Population	Cold Env.	Coasts	UK through time	Global Challenges Project
Computer Science	Esafety Digital Literacy	Introduction to Python Programming	Computing Systems	Using Media	Programming Text	Data representation
PE Boys Girls	Football/Handball Handball/ Netball/Rugby (2 weeks)	Rugby/ Gymnastics Gymnastics/ Football/Rugby (2 weeks)	Fitness/ Basketball Basketball/ Fitness Theory:	Hockey/ Badminton Badminton/ Hockey Theory:	Athletics/ Cricket Cricket/ Athletics Theory: CV	Tennis/ Rounders Rounders/ Tennis Theory:

	Theory: Warming-up & Cooling-down; Injury Prevention; Leadership	Theory: Components of Fitness	Fitness Testing & Types of Training	Muscular and Skeletal System	System	Benefits of Exercise & Nutrition
Subject	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Music	The Blues	Indian Music; Irish Music	Samba/ Minimalism	Film Music	Musicals	Pop Music
Drama	7 Deadly Sins	Charlie and the Chocolate Factory	Dance by Chance	Seeking Refuge	Monologues/ duologues	Wicked- Drama
Art	Zentangle Animals		Picasso and African masks		Surrealism	
Design & Tech- nology	Food		Textiles		Product Design	
	Grains and their uses		Noughts and Crosses		Mechanical Push Along Toy	
PSHCE	Citizenship (diverse society)	Citizenship (Law)	Safety and Wellbeing (Health Education)	Careers	Relationships and Social Education (including Safeguarding): <i>Disrespect Nobody</i>	Consumer Rights
Mastering Learning	Attendance and Punctuality	Preparing for assessment	Time management	Wellbeing and character	Active learning	Technology
Diversity	Protected characteristics and British values	Race and ethnicity in the workplace	Religious identity	Challenging mental and physical barriers in the workplace	Gender identity	Sexual identity

Subject: English (Literature and Language)

Department Curriculum Vision: *Northwood students will develop their personal voice through a love of literature.*

	Autumn Term	Spring Term	Summer Term
1st Half Term topics	Novel: 'The Woman in Black' Speaking & listening: presenting	Poetry: Ballads Speaking & listening: discussion	Shakespeare: 'The Tempest' Speaking & listening: role-play
Assessment	Reading: Analytical essay based on an extract from the text.	Reading: Analytical essay, focussing on language and structural analysis	Reading: Respond to an extract from the text.
2nd Half Term topics	Creative writing: Gothic fiction Speaking & listening: role-play	Writing Skills: Speech writing Speaking & listening: Presenting	Poetry: War Poetry Speaking & listening: discussion
Assessment	Writing: Creative writing using gothic conventions and structural devices.	Writing: Write a speech on a topic that interests you and present it to class.	Reading: Write an analytical essay comparing two poems.
Examples of Homework to be set	Make a character profile of the characters from 'The Woman in Black'	Research a current affairs topic which interests you to help prepare for your speech.	Write your own poem using the techniques and style of the poets we have studied.
Extra curricular and enrichment	Theatre trips and drama opportunities within the school Book Club and Creative Writing Club Events within the library and Extended Learning Challenges		
Resources that will support learning	Fiction and nonfiction books Magazines and newspapers BBC Bitesize and Youtube (particularly useful for poetry analysis) Television/film adaptations of literary works, especially those studied in class. The school library and your local library Audible.co.uk (for audio books) Senecalearning.com (for punctuation, spelling and comprehension)		
How parents can support learning	<ul style="list-style-type: none"> • Read 'The Woman in Black', 'The Tempest', and poetry by Wilfred Owen, Rupert Brooke and Siegfried Sassoon and discuss them with your child. • Encourage your child to read regularly and in a way that challenges them. This should include fiction and nonfiction. Make sure they update their Reading Log each week and have discussions about what they are reading. • Check your child's homework for spelling, punctuation and grammar. Help them to make corrections and develop accurate writing skills. 		

Subject: Mathematics

Department Curriculum Vision: *Northwood Mathematicians work towards fluency in Mathematics, and focus on mastering the resilience and problem solving skills essential for life beyond secondary school.*

	Autumn Term	Spring Term	Summer Term
1st Half Term topics	Linear Algebra Expanding and Factorising Brackets Forming and Solving Equations	Representing Data Calculating Mean, Mode, Median and Range, Comparing Averages, Calculating Averages from frequency tables	Sequences Patterns, Identifying and continuing sequences, Nth term, Arithmetic and Quadratic sequences
Mid Term Assessment	Algebra (to date)	Representing Data (to date)	Sequences (to date)
End Term Assessment	Algebra (complete unit)	Representing Data	Sequences
2nd Half Term topics	Area, Perimeter and Volume Basic Perimeter, Area of 2D and Composite Shapes, Circumference and Area of a Circle, Volume and Surface Area of 3D Shapes Ratio and Percentages Convert Time, Write and Simplify Ratios, Share Ratios, Adapt Recipes, Best Buy Problems, Calculate Percentages, Pie Charts	Angles Properties of 2D Shapes, Basic Angle Rules, Angles in Parallel Lines, Angles in Polygons Probability Probability Scale, Listing Outcomes, Relative frequency, Frequency trees, Venn diagrams, Two-way tables	Transformations Plotting Coordinates, Rotation, Reflection Enlargement, Translation Project: Compound Measures and Maths in Context
Mid Term Assessment	Area, Perimeter and Volume	Angles	End of Year Exam
End Term Assessment	Area, Perimeter and Volume; Ratio and Percentages	Probability and Angles	Project Presentations
Examples of Homework to be set on Show my Homework	Sparx: Ensure you attempt all questions, watch the videos if you are unsure or seek help from your teacher if you still require help after watching the videos. You must write each bookwork code in your Sparx book and show all working out.		

Extra curricular	Sparx Independent Learning. Mathematics masterclasses: club for students who enter the UKMT challenge and the Year 8 Hillingdon Maths Challenge. Times Tables Rockstars house competition.
How parents can support learning	Check students' Sparx homework weekly to ensure that it is complete. Look at assessments and feedback in students' books. Encourage pupils to do independent learning on Sparx to further their knowledge and retain prior skills.

Subject: Art Craft & Design

Department Curriculum Vision: *Northwood students will develop knowledge and skills to experiment, invent and create their own works of art.*

	Autumn Term	Spring Term	Summer term
1st Half Term	<p><u>Zentangle Animal Project</u> Introduction to 'The Zentangle Animal project- line, shape, tone, colour and pattern. Introduction to artist Elisabeth Berrien. Pupils will practise experimental drawing using line, shape, texture and mark-marking techniques.</p>	<p><u>Cubism - Picasso and African Mask portraits</u> Introduction to The Picasso and African Mask Project. Introduction to artist Pablo Picasso. Pupils will create a pastiche and responses of the artist's work. Pupils will design a range of cardboard reliefs considering a range of materials.</p>	<p><u>Surrealism Project</u> Introduction to Surreal Art. Introduction to Salvador Dali. Pupils will continue with Surrealism as a theme while developing their knowledge and skills.</p>
Assessment	Assess understanding of the Formal Elements: line, shape, tone, colour, pattern and texture drawing task.		Assess understanding of composition: foreground, middle-ground, background, horizon line, juxtaposition, focal point.
2nd Half Term	Continue to explore drawing techniques using different materials. Explore the use of collage. Develop a final animal portrait exploring all techniques taught so far.	Pupils will create a cardboard relief using a variety of materials making reference back to design ideas.	Pupils will create a response in the style of the artist using previous knowledge taught. Pupils practise painting skills using water colour waters.
Assessment	Zentangle Animal portrait outcome.	Picasso/ African mask inspired cardboard relief using a variety of different materials.	Independently designed and painted piece in response to Surrealism.
Examples of Homework	Mind-map, Moodboard, Artist research page, Pastiche, Response, Drawing exercises, Written analysis.		
Extra curricular & enrichment	KS3 Art Clubs -Week 2 Wednesdays Clay pottery project. Colour wheel competition. Christmas design competition.	KS3 Art Clubs Clay pottery project. -Photography competition.	KS3 Art Clubs - Clay pottery project. Northwood's portrait competition judged by professional judges.
Resources that will support learning	Access to a computer at home or after school for artist research. Regular visits to art galleries/museums. Art2day.co.uk and Pinterest.com -Follow the Northwood School page. A basic set of art equipment to help with homework. 2B drawing pencil to develop tone - on sale in the library.		
Parents	Check and support homework using Satchel One.		

Subject: Computer Science

Department Curriculum Vision: *To provide a curriculum that enables students to develop their computer coding and digital technology skills and to make students aware of how to stay safe online.*

	Autumn Term	Spring Term	Summer Term
1st Half Term topics	<ul style="list-style-type: none"> • Privacy • Data Protection • Data security • E Safety 	<ul style="list-style-type: none"> • Computing Systems 	<ul style="list-style-type: none"> • Python programming: text and arithmetic operations
Assessment	<ul style="list-style-type: none"> • E Safety terms and how to stay safe in a digital world 	<ul style="list-style-type: none"> • Inputs • Outputs • Storage • Processing • Artificial Intelligence 	<ul style="list-style-type: none"> • Demonstrates how arithmetic operators, if statements, and loops, are used within programs. • Declares and assigns variables.
2nd Half Term topics	<ul style="list-style-type: none"> • Python Programming • Python:branching and loops 	<ul style="list-style-type: none"> • Using Media 	<ul style="list-style-type: none"> • Representing data: images, sound and text
Assessment	<ul style="list-style-type: none"> • Using logical reasoning to write suitable code • Debugging of algorithms 	<ul style="list-style-type: none"> • Use of Word processing • Laws around digital assets • Bias- searching and sourcing on the Internet 	<ul style="list-style-type: none"> • How are images, sound and text represented in machines and how to calculate their quality
Examples of Homework to be set on Show my Homework	<ul style="list-style-type: none"> • Debug the following code • What do the following Python functions do? 	<ul style="list-style-type: none"> • Is this real news or fake news? • Bias when searching 	<ul style="list-style-type: none"> • Binary sums • How are the following sound waves represented using a binary format?
Resources that will support learning	http://www.codecademy.com https://senecalearning.com/ Key Stage Three Computing CGP resources		
Extra curricular and enrichment opportunities	Northwood Creative Club Technology Ambassadors Club Coding Club		

Subject: Drama and Dance

Department Curriculum Vision: *Through study and participation in the Performing Arts. all students will be able to perform, create and reflect, enabling them to be well rounded individuals.*

	Autumn Term	Spring Term	Summer Term
1st Half Term topics	7 Deadly Sins- Exploration of this topic through a range of stimuli. Devising, character development, performance and analysis. Continued embedding and layering of key Drama terminology, collaborative and independent work	Dance by Chance- Exploration of actions, dynamics, space and relationships through the rolling of a dice to improvise and create dance routines. Focus on creativity, musicality and audience awareness.	Monologues/ Duologues- Script work, developing quality of performance and characterisation looking at the practitioner Stanislavski
Assessment	Group performance & written assessment		
2nd Half Term topics	Charlie and the Chocolate Factory- Exploration of the plot, themes, characters and relationships through performance, devising and analysis	Seeking Refuge- Drama scheme exploring the journey of a family who become refugees through various Drama techniques and performance skills	Wicked- Exploration of plot, themes and characters through script work and improvisation.
Assessment	Group performance & written assessment		
Examples of Homework to be set on Show my Homework	Written tasks in booklets- key terminology/ drama skills retrieval, reflection on classroom performances	Research/ independent findings on a professional company. Students are given a website and list of questions to answer by collating information	Using key terms, answer a 4 mark exam question (new GCSE exam spec) directing an actor on how they might use vocal skills in a given scene
Enrichment	Attend Drama and Dance clubs- key stage 3 Drama club, Northwood Dance Company and Saracen's dance company. Participate in Christmas and Summer showcase. Participate in workshops events and watch performances at Northwood.		
Resources that will support	Books in the library, internet (looking at professional works), going to see live performances in the theatre or at dance venues such as The Place. Project brief/ booklet given at the start of a topic along with key terms to know and success criteria.		
How parents can support	Monitor Show My Homework and google classroom (for some tasks only). Please encourage them to attend extra curricular clubs and take part in		

learning	opportunities. Participate in external dance/ drama groups.
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Subject: Design & Technology

Department Curriculum Vision: *Learning about design and technology helps our students understand the world in which they are living and actively engage in it.*

Design and Technology is taught in the carousel model.

	Art Textiles (13 weeks)	Food (13 weeks)	Product (13 weeks)
Topics	Noughts and Crosses <ul style="list-style-type: none"> • Basics of using a sewing machine • Decorative techniques • Research artists • Analysis of work • Design and development of ideas 	Grains and their uses <ul style="list-style-type: none"> • Food hygiene • Building on use of kitchen equipment • Nutrition and healthy eating • Recipes using grains 	Mechanical Toy Project <ul style="list-style-type: none"> • Types of timbers • Mechanisms • Timber manufacturing processes • CAD/CAM • Finishing techniques
Assessment	Mid unit: knowledge of equipment and techniques. End of unit: final piece assessed.	Mid unit: knowledge of equipment and techniques. End of unit: practicals assessed.	Mid unit: knowledge of equipment and techniques. End of unit: final piece assessed.
Examples of Homework to be set on Show my Homework	Natural fibres research Artist research Art movement research	Bringing in ingredients Planning recipes Uploading Photographs of Plated dishes and evaluation	Materials, Tools, Joining methods, Equipment and Recording manufacture diaries
Extra curricular and enrichment	Food or Textiles club (half a year of each) STEM Maker club Attempt these STEM Challenge Cards.pdf independently and show Mr Luffman to Achieve Reward Points		
Resources that will support learning	www.technologystudent.com Website resources to support home learning BBC Teach KS3 Design & Technology Website resources to support home learning https://www.pinterest.co.uk/ Set up an account, to create design boards to support your course.		
How parents can	Checking Satchel One and ensuring homework tasks are complete. Encouraging students to attend extra curricular clubs Helping students purchase ingredients and practice dishes at home, cooking		

support	as a family.
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Subject: French

Department Curriculum Vision: *Studying a foreign language encourages respect for others and increases our understanding of society. It advocates for greater tolerance and provides us with a unique opportunity to grow in awareness, enhance our mental agility and consider different perspectives. Our aim for our students is to achieve full fluency in French and gain a profound cultural understanding of the Francophone world.*

	Autumn Term	Spring Term	Summer Term
1st Half Term topics	Tricolore 1 7A Some places in town 7B Giving information about a town 7C Giving and asking for directions in town 7D Going to a place	Tricolore 1 9A Foods & drinks 9B Breakfast 9C Other meals 9D What others eat 9E Healthy eating 9F Planning a picnic	Tricolore 2 2A European countries 2B Countries and continents 2C Transport 2D Future activities on holiday
Assessment	Writing & Speaking	Writing & Speaking	Writing & Speaking
2nd Half Term topics	Tricolore 1 8C: Timetable 8D Subjects and opinions 8E Favourite things 8F: Describing your school via movie "Le petit Nicholas" 8A: Telling the time 8B: Daily routine	Tricolore 1 10A Sport 10B Music 10C Hobbies 10D Last week 10F A special day	Tricolore 2 2E What you can/can't do on holiday 2F Describing places
Assessment	Reading & Listening	Reading & Listening	Reading & Listening
All assessments	Assessments will offer three levels of difficulty to ensure that every student will have the ability to demonstrate their progress.		
Examples of Homework to be set on Show my Homework	Students will receive regular vocabulary learning tasks. They will receive a vocabulary booklet which we refer to as Speech Builder with a dedicated page for each week of the course. The amount of vocabulary will be specified individually for each student. In addition, there will be tasks such as: <ul style="list-style-type: none"> • Labelling school equipment and decorating appropriately. • Carrying out surveys in French • Creating a family tree and writing sentences applying adjectival agreement. • Describing your town using the correct way of saying at/to the. 		
Extra curricular and enrichment	We hope to be able to offer activities such as the languages leader club and school trips to Spain and/or France in the future again.		

<p>Resources that will support learning</p>	<p>Speech Builder - our vocabulary booklets which also serve as conversational manuals and writing aids Tricolore 1 & 2 textbooks (available via Kerboodle) Quizlet.com (available for free on website and phones) Duolingo.com (available for free on website and phones) Linguascope.com (students will be given login details)</p>
<p>How parents can support learning</p>	<p>Our Speech Builders allow parents & carers (with or without knowledge of French) to help students practise at home:</p> <ul style="list-style-type: none"> • checking vocabulary in a playful way , testing spelling • practising conversations - questions and answers • writing short paragraphs <p>Taking an interest in what your child is learning will also boost their success.</p>

Subject: Geography

Department Curriculum Vision: Department Curriculum Vision: *Northwood Geographers learn to find their voice in the great debates of our time, for example population growth, climate change, and resource security. They are able to make sense of the world they live in, and feel empowered to become a proactive part of shaping it.*

	Autumn Term	Spring Term	Summer Term
1st Half Term topics	Natural Hazards Tectonic hazards such as volcanoes and earthquakes - how they are made, the impacts and how countries react	Cold Environments Introducing ecosystems, cold environments and how plants, animals and humans adapt to these frozen worlds	Geography of the UK Exploring the human and physical make up of the UK and the issues it has faced through time.
Assessment	Regular mini-tests, end of unit assessments with short and long answers	Regular mini-tests, end of unit assessments with short and long answers	Regular mini-tests, end of unit assessments with short and long answers
2nd Half Term topics	Population Dense versus Sparse Population Issues with rising population Opportunities for population growth	Coasts Processes, landscape features and management of coastlines.	Global Challenges How challenges such as global warming, population growth, fast fashion and globalisation have affected our world
Assessment	Regular mini-tests, end of unit assessments with short and long answers	Regular mini-tests, end of unit assessments with short and long answers	Regular mini-tests, end of unit assessments with short and long answers
Examples of Homework to be set on Show my Homework	Writing pieces based on learning, maps with keys, newspaper articles	Annotated sketches, written questions, maps and diagrams	Written pieces, newspaper articles, research tasks, presentations
Extra curricular and enrichment opportunities	Geography week activities Events within the library The green team Fieldwork and trips		

Resources that will support learning	Magazines and newspapers BBC Bitesize and Youtube Television and film documentaries (especially about travel and cities) The school library and your local library
How parents can support learning	Encourage your child to keep up with the news and apply it to their learning. Encourage your child to think about the Geography around them as they are walking through towns/ new places/ the place where they live.

Subject: History

Department Curriculum Vision:

Students will develop their knowledge and understanding of the past in order to become critically aware and informed citizens in today's society.

	Autumn Term	Spring Term	Summer term
1st Half Term	Stuart times to the Glorious Revolution: - The Gunpowder plot - The witch-craze. - England at war - Cromwell's Commonwealth - The Bill of Rights.	Industrial Revolution - public health & crime. -Jenner & smallpox -Public health reforms - The Whitechapel murders.	The Slave Trade and slavery: - Who benefitted from the slave trade? - Life on a plantation. - Why was slavery abolished?
Assessment	Interpretations of Oliver Cromwell.	Source task on the Whitechapel murders.	Source task on slavery.
2nd Half Term	The Industrial Revolution - factories & invention: - Factory life - Coal - 'black gold' - What were 'iron horses'?	The British Empire: - How did Britain gain an Empire? - The British in India. -The scramble for Africa. -The legacy of the British Empire.	Black civil rights in the USA. - How were civil rights won in the USA? - How important were individuals such as Rosa Parks and Martin Luther King and Malcom X?
Assessment	Causation essay on why the population increased.	Interpretations task on the legacy of the British Empire.	Source task on civil rights in the USA.
Examples of Homework	- Report on who started the Fire of London. -Sources task on factory life.	- Research profiles on heroes of public health. - Jack the Ripper profile task.	- Slave trade project. - Martin Luther King obituary. - Methods of protest activity.
Extra curricular and enrichment	History events; e.g. Black History month; Remembrance Day. Northwood Debate Society. Extended Learning Project. Library events. School Trip to Bletchley Park.		
Resources that will	Access to a computer at home or in the LRC after school. Useful websites: iwm.org.uk; nationalarchives.gov.uk; bbc.co.uk/history; historyonthenet.com. Access to History documentaries.		

support learning	History books on Empire, the Slave Trade and and civil rights.
How parents can support	Monitoring and helping with homework. Trips to museums and places of historical interest.

Subject: Music

Department Curriculum Vision: *Every child will have the opportunity to access music through performance, listening, singing and composition to develop and nurture their love of music and their love of learning.*

	Autumn Term	Spring Term	Summer Term
1st Half Term topics	The Blues Students will study the importance of the Blues focusing on the history and context of the Blues and the musical forms associated with it. Students will have the opportunity to compose a blues piece as well as play through the 12 Bar blues on the Ukulele.	Samba/Minimalism: Students will explore the historical and cultural elements of Brazilian Samba and also aspects of Minimalism. Students will learn how to compose rhythmic cycles and ostinato patterns using Samba instruments. Additionally students will learn how to manipulate time signatures and basic elements of minimal techniques.	Bad Day- Students will study the piece <i>Bad Day</i> and extend their knowledge of chords and verses to learn about the Middle 8 section. This will help them understand how to develop their compositions and create contrast and interest.
Assessment	Performance/composition/ listening assessment/ literacy and self/ peer reflection		
2nd Half Term topics	Indian/Irish Music Students will explore the significant contributions of both Indian and Irish music. Students will learn the historical contexts of the music and have the opportunity to compose both a Rag/Irish Folk piece using practical instruments/	Musicals Students will study Phil Collins song <i>In the Air Tonight</i> . The will learn the significance of a chord progression, Bass Line and also Pedal notes. Students will create arrangements using all the instruments found in a traditional Rock Ensemble.	Pop Song Composition Students will take all the skills they've learnt in KS2 and KS3 and compose their own pop songs. These songs will include: Lyrics, Melody/Rap, Backing Vocals, Chord Progressions, Bass Lines, Rhythmic Backing and have the structures of conventional Pop Songs.
Assessment	Performance/composition/ listening assessment/ literacy and self/ peer reflection		
Examples of Homework	Application of Keywords/terms through worksheets/illustrations.		
Extra Curricular and enrichment	<ul style="list-style-type: none"> - Instrumental Lessons - School of Rock 		

opportunities	<ul style="list-style-type: none">- Junior Singers- Northwood Singers
Resources that will support learning	Books in the library, internet research, worksheets, use of instruments, regular homework.
How parents can support learning	Make sure the students are keeping up with their homework, suggest that they attend the enrichment opportunities stated above.

Subject: Physical Education

Department Curriculum Vision: *Students are **physically literate, passionate** about sport and understand the importance of **lifelong participation**. Students will be **confident individuals**, developing a variety of attributes that will enable them to excel in the classroom and beyond.*

	Autumn Term	Spring Term	Summer Term
1st Half Term topics	Boys - Football / Handball Girls - Handball / Netball / Rugby Theory - Warming-up & Cooling-down, Injury Prevention, Leadership	Boys - Fitness / Basketball Girls - Basketball / Fitness Theory - Fitness Testing & Types of Training	Boys - Athletics / Cricket Girls - Cricket / Athletics Theory - Cardiovascular System
Assessment	Baseline testing in the first 2 weeks. Practical assessment during the final week of scheme of work. Theory - Q&A / MUA		
2nd Half Term topics	Boys - Rugby / Gymnastics Girls - Gymnastics / Football / Rugby Theory - Components of Fitness	Boys - Hockey / Badminton Girls - Badminton / Hockey Theory - Muscular & Skeletal System	Boys - Tennis / Rounders Girls - Rounders / Tennis Theory - Benefits of Exercise & Nutrition
Assessment	Practical assessment during the final week of scheme of work. Theory - Q&A / EUA		
Examples of Homework to be set on Show my Homework	Research into rules/skills/positions of the sports being covered. Theory homework booklets.	Research into rules/skills/positions of the sports being covered. Theory homework booklets.	Research into rules/skills/positions of the sports being covered. Theory homework booklets.
Extra curricular and enrichment opportunities	Lunch and after school clubs in the following activities: Netball, football, handball, gymnastics, badminton, rounders, cricket, fitness, basketball, rugby, athletics, tennis. Many of these clubs will feed into school teams, where students will be able to represent the school at Borough leagues and competitions.		
Resources that will support learning	Full PE kit (including a Northwood warm top option). Access to the internet for research and for homework booklets.		
How parents can support learning	Encourage your child to attend our vast extra-curricular programme of activities. Supporting the students with their kit organisation.		

Subject: Personal, Social, Health and Citizenship Education (PSHCE)
Department Curriculum Vision:

*"Northwood Students will be **equipped** with the **knowledge** and **skills** to **continue** their **development** into **healthy, safe, and positively active** members of our wider community"*

	Autumn Term	Spring Term	Summer term
Topic	<p>Citizenship: Diversity in Society</p> <p>Aims:</p> <ul style="list-style-type: none"> - To explore what is healthy and unhealthy within a friendship, including bullying, both offline and online - - To understand that difference and diversity is positive, and how we can positively promote and celebrate this in the world today - To reflect on the importance of challenging prejudice and discrimination <p>Citizenship: The Rule of Law</p> <p>Aims:</p> <ul style="list-style-type: none"> - To explore how the Law in the UK is made and works - To explain the role of police in how people of all ages who break the law are dealt with - To analyse the ideas of fairness and unfairness 	<p>Health Education</p> <p>Aims:</p> <ul style="list-style-type: none"> - To understand the risks of drugs and why some people engage in these behaviours - To evaluate different coping mechanisms - To practise using our informed decision making skills - To explore healthy relationships with ourselves, through healthy eating exercise and vaccinations - To explore basic first aid skills <p>Careers</p> <p>Aims:</p> <ul style="list-style-type: none"> - To explore career options - To inform ahead of Year 9 what routes are available and what careers exist beyond school 	<p>Relationships and Social Education</p> <p>Aims:</p> <ul style="list-style-type: none"> - To explore respect as part of positive relationships, both offline and online - To understand the signals and risks of unhealthy relationships, both offline and online - To explore what is healthy and unhealthy within a friendship, including online behaviour - To explore respect and consent as part of all positive relationships regardless of their context - To understand the signals and risks of certain online behaviours, such as sharing images online <p>Consumer Rights</p> <p>Aims:</p> <ul style="list-style-type: none"> - To understand my rights and responsibilities as a consumer and explain their importance - To consider social and moral dilemmas in the use of money - To understand why gambling, especially in the context of gaming, is a risky activity -

Assessment	Self reflection throughout the unit and at the end of each term
Resources that will support	Access to current affairs, such as through news channels.
How parents can support	Engaging in conversation about PSHCE, safety and personal development at home. Promoting a culture of respect, tolerance, openness and consent, and fostering healthy relationships and interactions at all times.

Subject: Religious Education

Department Curriculum Vision: *Northwood Students will become **religiously literate**, so they may **understand and respect** the **society and community** in which they live.*

	Autumn Term	Spring Term	Summer term
Topic	<p>Judaism.</p> <ul style="list-style-type: none"> - Students will explore the living faith of Judaism. - Students will develop an understanding of how Jewish people live today, including important daily/weekly/yearly practices. - Students will examine the importance of events in the Jewish Calendar and how they influence Jews today. - Students will compare featured Jewish practices with their own lives. 	<p>Philosophy and Worldviews</p> <ul style="list-style-type: none"> - Students will examine ultimate questions - Students will explore the nature of God - Students will examine the design argument and religious experiences - Students will share their own beliefs about God. <p>Ethical Issues</p> <ul style="list-style-type: none"> - Students will explore different ethical issues and how different religious groups view these issues. - Students will explore different ethical theories and apply them to current topics - Students will explain their own beliefs about different ethical issues. 	<p>Ethical Issues</p> <ul style="list-style-type: none"> - Students will explore different ethical issues and how different religious groups view these issues. - Students will explore different ethical theories and apply them to current topics - Students will explain their own beliefs about different ethical issues. <p>Christian artefacts.</p> <ul style="list-style-type: none"> - Students will develop an awareness and understanding of the different objects and artefacts used by Christians throughout their life. - Students will develop understanding of the theological beliefs that underpin these artefacts. - Students will compare the artefacts and assess their importance to Christians.
Assessment	Judaism Written Tasks touching at debates within the religion and the diversity of belief.	Philosophy & Ethics Written Tasks	Christian Artefacts Written Assessment. Written tasks reviewing artistic methods and techniques, and what they suggest about different theological beliefs.

Examples of Homework	<ul style="list-style-type: none"> - Researching 'Kosher' foods. - Creative presentation on the Torah. - Written tasks on Yom Kippur and Shabbat - foreshadowing and practising assessment skills. 	<ul style="list-style-type: none"> - Answering an ultimate question - Researching different perspectives on God - Examining different charitable groups and what they do - Researching discrimination in the UK 	<ul style="list-style-type: none"> - Researching Christian beliefs - Consolidation tasks for keywords (e.g. acrostic poem about Christian theology around salvation)
Enrichment	Hillingdon Schools Inter-Faith Forum Debate Club Synagogue trip/virtual visit Q&A with a Liberal Rabbi		
Resources that will support learning	Access to a computer at home or in the LRC after school. Useful websites: KS3 Religious Studies Access to documentaries. Access to religious texts from their own religion		
How parents can support	Monitoring and helping with homework. Trips to museums and places of religious interest Discussion about religion and beliefs of the family		

Subject: Science

Department Curriculum Vision: *Northwood students will be scientifically literate adults who:*

- *Can make informed personal decisions*
- *Engage with scientific news throughout their lives*
- *Have secure foundational knowledge that can be applied to any context.*

	Autumn Term	Spring Term	Summer Term
Topics	<p>Unit 1: Biology: Health and Lifestyle</p> <p>Chemistry: The Periodic Table</p> <p>Unit 2: Physics: Electricity and magnetism</p> <p>Chemistry: separation techniques</p>	<p>Unit 3: Biology: Adaptations and Inheritance</p> <p>Physics: Motion and Pressure</p> <p>Unit 4: Biology: Ecosystem processes</p> <p>Chemistry: The Earth</p>	<p>Unit 5: Physics: Energy</p> <p>Chemistry: Metals and Acids</p> <p>Working scientifically: Development of scientific & practical skills</p>
Assessment	<ul style="list-style-type: none"> • In class peer and self assessment of tasks • Mid unit assessment with feedback • End of unit combined assessment. 		
Examples of Homework to be set on Show my Homework	<p>Scientific models Extended writing Research based tasks Quizzes - Kerboodle based learning Revision</p>		
Extra curricular and enrichment opportunities	<p>Extended Learning Challenges Science Club STEM workshops/visits</p>		
Resources that will support learning	<p>www.kerboodle.com (Access to digital Activate text book) www.bbc.co.uk/education/subjects/zng4d2p CGP revision guides and workbooks</p>		
How parents can support learning	<p>Monitoring and helping with homework. Encouraging students to regularly log-on to kerboodle to review learning</p>		

Subject: Spanish

Department Curriculum Vision: *Studying a foreign language encourages respect for others and increases our understanding of society. It advocates for greater tolerance and provides us with a unique opportunity to grow in awareness, enhance our mental agility and consider different perspectives. Our aim for our students is to achieve full fluency in Spanish and gain a profound cultural understanding of the Hispanic world.*

	Autumn Term	Spring Term	Summer Term
1st Half Term topics	Claro 1 5.1 Describing your city 5.2 Places in town you go to and why 5.3 Asking for the way to a place 5.4 Plans for the weekend	Claro 1 6.3 Timetable 6.4 School facilities and rules 6.5 Extracurricular activities 6.6 Plans for next year	Claro 2 1.5 What's hurting 1.6 Feeling unwell and remedies 2.1 Holiday plans 2.2 Holiday activities
Assessment Skills to be assessed are subject to change.	1. Speaking 5.1-5.2 2. Translation: 5.1-5.3	1. Translation: 6.1-6.3 2. Listening+Reading Unit 6	1. Writing Unit 1 2. Speaking 2.1-2.2
2nd Half Term topics	Claro 1 5.5 Comparing city and countryside 5.6 What my neighbourhood used to be like 6.1 Studying 6.2 Opinions on subjects	Claro 2 1.1 Meals 1.2 Food preferences 1.3 Ordering food 1.4 Healthy diet	Claro 2 2.3 Opinions on holiday activities 2.4 A past holiday 2.5 My amazonian adventure 2.6 Next summer
Assessment	1. Writing Unit 5 2. Speaking: 6.1-6.2	1. Speaking 1.1-1.2 2. Translation: 1.1-1.3	EOY Units 5, 6, 1 and part of 2 - all skills
All assessments	Assessments will offer three levels of difficulty to ensure that every student will have the ability to demonstrate their progress.		
Examples of Homework to be set on Show my Homework	<p>Students will receive regular vocabulary learning tasks. They will receive a vocabulary booklet which we refer to as Speech Builder with a dedicated page for each week of the course. The amount of vocabulary will be specified individually for each student.</p> <p>In addition, there will be tasks such as</p> <ul style="list-style-type: none"> • Labelling school equipment and decorating appropriately. • Carrying out surveys in Spanish • Creating a family tree and writing sentences applying adjectival agreement. • Describing your town using the correct way of saying at/to the. 		
Extra curricular and enrichment	We hope to be able to offer activities such as the languages leader club and school trips to Spain and/or France in the future again.		
Resources	Speech Builder - our vocabulary booklets which also serve as conversational		

<p>that will support learning</p>	<p>manuals and writing aids Tricolore textbook (available via Kerboodle) Quizlet.com (available for free on website and phones) Duolingo.com (available for free on website and phones) Linguascope.com (students will be given login details)</p>
<p>How parents can support learning</p>	<p>Our Speech Builders allow parents & carers (with or without knowledge of Spanish) to help students practise at home:</p> <ul style="list-style-type: none"> • checking vocabulary in a playful way • testing spelling • practising conversations - questions and answers • writing short paragraphs <p>Taking an interest in what your child is learning will also boost their success.</p>

Year 8 - optional extra enrichment - suggestions from your teachers

Subject	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
English	Read a gothic short story	Play some online English games Spelling and Grammar, English Games for 7-11 Years	Write your own ballad or short story	Write a letter about an issue that is important to you to send to your local MP	Virtual tour Discover Shakespeare's Globe	Read a story of a different genre
RE	Watch 'Being Jewish' on BBC iplayer	Go to the Jewish Museum in Camden	Who is God? Join Debate Mate!	Debate with your family: Is your mind the same as your brain?	Debate with your family: Is trying to lie about something and being found out as bad as lying about it and nobody knowing?	Enter NATRE's Spirited Arts competition
French	Embrace being a junior learner again and watch Peppa Pig in French	Listen to some great French music that is perfect for improving your French: Learn French with Music	Research a French sportswoman or sportsman, e.g. the legendary sailor Florence Arthaud , or the world class footballer Kylian Mbappé	Research the French speaking countries in the world. A starting point could be one of these websites: lingoda.com French speaking countries	Take a look at this news website for young people in French: www.jde.fr	Listen to these learning podcasts - select from different levels of difficulty: Coffee Break French
Spanish	Embrace being a junior learner again and watch Peppa Pig in Spanish	A selection of excellent podcasts to learn Spanish: www.fluentu.com/blog/spanish/spanish-podcasts	Research a Spanish sportswoman or sportsman, e.g. the gold medalist swimmer Mireia Belmont , or the junior talent Pedro	Research the Spanish speaking countries in the world. A starting point could be one of these websites: Spanish speaking	Take a look at this news website for learners of Spanish: www.practicaespanol.com/noticias	Listen to these learning podcasts - select from different levels of difficulty: Coffee break spanish

			González López	countries.languagenext.com/		
History	Watch the film 'Cromwell' (1970).	Look at the BBC Bitesize website on the Industrial Revolution: www.bbc.co.uk/bitesize/guides/zvmv4wx/revision/1	Listen in to this podcast on the legacy of the British Empire: www.bbc.co.uk/programmes/p005459p	Look at the BBC iWonder site at 'How did slave-owners shape Britain?' How did slave owners shape Britain?	Explore the website of the National Museum of African American history: Civil Rights National Museum of African American History and Culture	
Computer Science	Keep up to date with the latest predictions in Computing: https://www.futuretimeline.net/latest.htm	Python - Develop your Python programming skills by challenging yourself to complete as many tasks on Snakify as you can. https://snakify.org/	BBC Click: Watch this weekly BBC television programme covering news and recent developments in the world of consumer technology and innovations. BBC News Channel - Click			
Music	Join a group or choir at school.	Perform in an assembly.	Watch the Wizard of Oz and Wicked. Compare and Contrast.	Arrange a song and perform it in assembly	Audition for a County ensemble.	Attend a live performance and write a review.
Drama	Join Drama club! Participate in the PA Christmas showcase	Watch Charlie and the Chocolate Factory (film or theatre)	Read the article- Asylum in the UK- https://www.unhcr.org/uk/asylum-in-the-uk.html	Write a short monologue on something you feel passionate about and share (optional)	Watch clip on Commedia dell'arte by the National Theatre- The World of Commedia dell'Arte	Read article on Bentley & Craig- Derek Bentley & Christopher Craig Participate in the PA Summer showcase
Art	Join art club enrichment -every Thursday -After Easter to Summer. Visit galleries in your spare time! MOMA The V&A Tate National portrait Gallery National Gallery Saatchi Gallery Christmas card competition	Join art club enrichment -every Thursday -After Easter to Summer. Outside of school Art competition Catalogue Cover Competition	Join art club enrichment -every Thursday -After Easter to Summer. Outside of school Art competition Heroes Stamp Design Competition			

<p>Geography</p>	<p>Watch the film, The Impossible, 2012</p> <p>USGS – GIS Find out what live earthquakes are happening using real-time data and their magnitude. Is there a correlation?</p> <p>Activities:</p> <p>Visit the earthquake simulator at the Natural History Museum in London.</p>	<p>Use the Guardian website to research the latest issues around the rising global population: Population World</p> <p>Visit the 'Crossing Borders' exhibition at the British Museum in London to find out about European Migration throughout history.</p>	<p>Watch the BBC Coasts Series</p> <p>Investigate what it is like to live with erosion at the Holderness Coast.</p> <p>Visit any coastline! See if you can see how people have used the land along the coast. Is it completely natural? Are there facilities to attract tourists? Are there management strategies to protect the coast from erosion?</p>	<p>Explore the UK using Google Earth/Maps</p> <p>Map the country from memory, including main mountain ranges, cities and rivers</p> <p>Research the top 5 UK tourist attractions, what are they and why are they so popular?!</p>	<p>Watch Ice Age, Steve Backshall's BBC Earth series, "Deadly 60 Pole to Pole"</p> <p>Use the BBC 'Antarctica Wildlife' to understand how animals are adapted to such extreme conditions and the threats which face them in the modern world.</p> <p>Visit the 'Scott Polar Research Institute' at the University of Cambridge to find out more about the continent.</p>	<p>Compile a fact file on the impacts of climate change. What do you consider the worst 3 to be? Justify your opinion.</p> <p>Visit the Thames Barrier. Find out how it protects London from flooding. Will it be able to cope with rising sea levels</p> <p>Research the current global challenges occurring worldwide on BBC news</p>
<p>PE</p>	<p>Join our sports clubs! We will also provide links to external clubs so you can get involved outside of school too.</p>					
<p>Tech- nology</p>	<p>Food:</p> <p>Teach someone else to cook something you have made in class.</p>	<p>Textiles:</p> <p>Get involved in a craftivism project. What are you passionate about? How can you raise awareness of this? Show Miss Parsons for MERIT points</p>		<p>Product Design:</p> <p>Attempt these STEM Challenge Cards.pdf independently and show Mr Luffman to Achieve 5 Reward Points</p>		
<p>PSHCE</p>	<p>Become a member of at least 2 clubs!</p>	<p>Watch BBC Black History</p>	<p>Watch Prime Minister Questions</p>	<p>Explore your career path further using the National Careers Service</p>	<p>Gambling and Gaming - what's the issue?</p>	<p>Watch Just Like Us' Masterclass speakers and a panel discussions on Youtube</p>

Maths	Triangles in Circles	Ratio and Proportion short problems	Practise a UKMT Maths Challenge paper	Estimating Angles game	Days and Dates 1 step 2 step	Watch this song ... can you make up your own (much better) version?
Science	Build a model digestive system		Watch 'Planet earth' - David Attenborough		Visit the energy hall at the science museum	