



Year 9

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 9 at a glance

Subject	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
English	'The Hunger Games'	Dystopian Fiction creative writing	Opinion-based Journalism	Gothic short story (The Withered Arm)	An Inspector Calls (intro to GCSE)	Poetry 1 (intro to GCSE)
Maths	Area, Perimeter and Volume; Number and Calculation	Averages and Data,; Algebraic Manipulation and Pythagoras	Angles, Trigonometry and Pythagoras; Substitution and Sequences	Linear Graphs	Inequalities; Simultaneous Equations	Consolidation; End of Year Project
Science	Biology: Cell biology - Cell structure and transport - Cell Division Chemistry: Atomic structure and the periodic table - Atomic structure - The Periodic table		Physics: Energy - Conservation of energy - Energy transfer by heating - Energy resources - Biology: Organisation - Organisation and the digestive system - Organising animals and plants		Chemistry: Bonding, structure and properties of matter - Structure and bonding Physics: Electricity - Electrical circuits - Electricity in the home	
RE	Religion and The Arts		Marriage & the Family (intro to GCSE)		Christian Social Ethics (intro to GCSE)	
French and Spanish	1.1G Relationships with family & friends 1.2G Marriage & partnerships 2.1G Social media 2.2G Mobile technology	3.1G Music, cinema & TV 3.2G Food & eating out 3.3G Sport	5.1G Home 5.2G Where I live 8.1G Holidays & travel 8.2G Regions of France/ Spain	6.1G Charity & volunteer work 6.2G Healthy & unhealthy living 7.1G Environment 7.2G Poverty & homelessness	9.1G School & Subjects 10.1G Life at school & college 11.1G University or work? 12.1G Choice of career	4.1G France/ Spain & customs 4.2G Festivals in Spain/ France & Hispanic/ Francophone countries
History	The two World Wars & the Holocaust	Migration in medieval England	Migration in early modern England	Migration c1700-1900	Migration in modern Britain	Migration in Notting Hill, c1948-1970
Geography	Development	Asia Investigation	Energy	Hazards- Climate and Cyclones	Ecosystems- Rainforests	Ecosystems - Hot Desert

Subject	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Computer science	Logic gates and Binary numbers	Data Science (Python/Excel)	HTML and CSS web programming	World of Work	Advanced Python Programming	Cyber Security
PE Boys Girls	Football/ Handball Hockey/ Netball Theory: Components of Fitness	Rugby/ Volleyball Football/ Volleyball Theory: Well-being	Fitness/ Hockey/ Table Tennis Handball/ Fitness/ Badminton	Basketball/ Alternative/ Badminton Rugby/ Alternative/ Tennis/ Table Tennis	Athletics/ Cricket Basketball/ Athletics	Tennis/ Rounders Rounders/ Cricket
Music	The History of Rock and Roll: Musical Fusions		Bach to the Future: Vocal Studies		Let's Get the Band Together: Free Composition	
Drama	Blood Brothers through Stanislavski		Physical Theatre (Frantic Assembly and Face)		DNA as an actor, designer and director	
Art	Portraiture		Street Art		Environment	
Design & Technology	Food:		Textiles:		Product Design:	
	Long: Food Truck project focusing on healthy foods suitable for teenagers	Short: Full Time Meals. Meals based on inclusiveness using minimal equipment and ingredients	Long: 'Pattern' tote bag project increasing Textile skills	Short: One-off Production Stool Project	Long: Timber /Plastics Design & Make Desk Organiser	Short: Batch Production Stool Project
PSHCE	Citizenship: Law and Democracy	Citizenship: Anti-Extremism, Anti-Semitism and Islamophobia	My Future: Employability and the World of Work (Careers)	Money Matters: Financial Education	RSHE	Health, Wellbeing and Safety
Mastering memory	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

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	<p>Novel: 'The Hunger Games'</p> <p>Analytical reading and writing: developing thematic based analysis</p> <p>Speaking & listening: presenting</p>	<p>Analytical reading and writing: Opinion based Journalism.</p> <p>Speaking & listening: presenting</p> <p><i>Preparation for GCSE Language Paper 2 Section B and Speaking & Listening GCSE</i></p>	<p>Drama: 'An Inspector Calls'</p> <p>Speaking & listening: role-play</p> <p><i>Preparation for GCSE Literature Paper 2 Section A</i></p>
Assessment	Analytical essay based on an extract from the text.	Write and present a speech on a chosen topic	Write an exam-style response to a question based on a theme or character.
2nd Half Term topics	<p>Creative writing: Dystopian fiction</p> <p>Speaking & listening: role-play</p>	<p>Analytical reading and creative writing: <i>Preparation for GCSE Language Paper 1 Section A</i></p> <p>The Withered Arm</p>	<p>Poetry: <i>Power and Conflict GCSE anthology</i></p> <p>Speaking & listening: discussion</p> <p><i>Preparation for GCSE Literature Paper 2 Section B.</i></p>
	Creative writing using dystopian conventions and structural devices.	Analysis of language and structure of texts.	Comparative essay question on <i>Conflict and Power poetry</i> .
Examples of Homework to be set on Show my Homework	Create a new character for the games; explain their status. Make a creative writing guide.	Research Project on life and literature in Victorian Britain.	Completion of Poetry Homework booklet.
Extra curricular and enrichment opportunities	<ul style="list-style-type: none"> - KS3 Book club - Creative Writing Club - Theatre trips and drama opportunities within the school - Book Club and other events within the LRC 		
Resources that will support learning	<ul style="list-style-type: none"> - GCSEpod.com - Senecalearning.com - BBC Bitesize English https://www.bbc.co.uk/bitesize/subjects/zt3rkqt - Television and Film adaptations of literary works such as 'An Inspector Calls' 		
How parents can support learning	<ul style="list-style-type: none"> - Read 'The Hunger Games', 'An Inspector Calls' and the AQA Power and Conflict poetry anthology 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 Digital 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	<p>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</p> <p>Number and FDP Types of Numbers, HCF, LCM, Prime Factor Decomposition, FDP, Four Operations Fractions, Fraction of an amount, Calculating Percentages</p>	<p>Angles, Trigonometry and Pythagoras; Angles Rules Angles in Parallel Lines Angles in Polygons Trigonometry - missing sides and angles Pythagoras Theorem</p> <p>Substitution, Sequences Substitution Patterns Identifying and continuing sequences Calculating the nth term Arithmetic and Quadratic sequences</p>	<p>Simultaneous Equations Solving Simultaneous Equations - by elimination, substitution and graphically</p> <p>Inequalities Describe and Represent Inequalities on a number line Solve Inequalities</p>
Mid-term assessment	Area, Perimeter and Volume	Angles, Trigonometry and Pythagoras (to date)	Simultaneous Equations
End-term assessment	Number and FDP and Area, Perimeter and Volume	Angles, Trigonometry and Pythagoras	Simultaneous equations and inequalities
2nd Half Term topics	<p>Averages and Data Calculating Mean, Mode, Median and Range, Comparing Averages, Calculating Averages from frequency tables, Scatter Graphs, Pie Charts, Cumulative Frequency Graphs, Box Plots</p> <p>Algebraic Manipulation and Pythagoras Laws of Indices, Expanding and Factorising, Solving Equations, Changing the Subject, Pythagoras Theorem</p>	<p>Linear Graphs Plotting Straight Lines Plotting Quadratic Curves Finding the gradient Finding the y-intercept Distance between two points Equation of a Straight Line</p>	<p>Consolidation Retrieval of topics from throughout the year for the end of year Exam.</p> <p>End of year project</p>

Mid-term assessment	Averages and Data	Substitution, Sequences and Linear Graphs (to date)	Estimating, bounds and standard form
End-term assessment	Averages, Data, Expressions, Equations and Pythagoras	Substitution, sequences and linear graphs	End of Year Exam
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 and enrichment opportunities	Mathematics masterclasses: club for students who enter the UKMT challenge and the year 9/10 Hillingdon Maths Challenge.		
Resources that will support learning	Sparx Independent Learning		
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 and Design

Department Curriculum Vision: *Northwood students will develop all rounded skills and encourage opportunities to explore and learn about a vast amount of artists through written analysis and group discussions.*

	Autumn Term	Spring Term	Summer Term
1st Half Term topics	Portraiture	Street Art	Environment
Assessment	Blending colours using oil pastels. Artist research, painting skills.	Workshops, drawing skills and exploration of mixed media techniques	Workshops- Lino printmaking. Artist/ printmaker research Lino printmaking outcome
2nd Half Term topics	Portraiture project continues	Street Art project continues	Environment project continues
Assessment	Portraiture outcome. Mixed media techniques, cardboard relief, pre planning sheet.	Drawing workshop. Develop tonal drawing study skills. Observational drawing. Mind-map, mood-board, mark making techniques.	Written analysis on Printmaking techniques. Creating responses to artists. Explore mixed media techniques.
Examples of Homework to be set on Show my Homework	Photography shoot Observational drawings Artist Research/ responses.	Facial features Observational drawing exercises. Self portrait - step by step drawing. Drawing portraits relating to ideas. Photography. Artist research. Artist responses.	Drawing surroundings and editing compositions. Planning and making links with ideas and artists. Photography shoots. Collage Artist Research/ responses
Extra curricular and enrichment opportunities	Enrichment club fortnightly Visiting artists' workshops. In house competitions ran throughout the year. Northwood's portrait competition in the summer term.		
Resources that will support learning	Join the 'Northwood School' Pinterest art page. Access to a computer at home or in the LRC after school to research. Regular visits to Art Galleries/Museums Art2day.co.uk. www.tate.org.uk https://www.vam.ac.uk A basic set of art equipment to help with homework - can be bought at the start of the year through ParentPay. Knowledge organisers available with a checklist.		

How parents can support learning	<p>Monitoring and helping with homework. Trips to museums and Galleries. Follow the checklist printed and mounted inside the students sketchbook. Access to a computer for research purposes. Encourage pupils to use knowledge organisers provided by the department to support written work, artist examples and presentation templates.</p> <p>Bounce Back Curriculum' -summer pack with activities and opportunities to practise skills taught from KS3 to complete over summer break before starting Year 9.</p>
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Subject: Computer Science

Department Curriculum Vision: *To provide a curriculum that enables all students to understand and learn how to use technology effectively and to prepare them for a future in an increasingly digital world.*

	Autumn Term	Spring Term	Summer Term
1st Half Term topics	<ul style="list-style-type: none"> • AND, OR and NOT gates • Comining gates to make circuits • Converting from binary to denary and vice versa 	<ul style="list-style-type: none"> • HTML programming • CSS style sheets 	<ul style="list-style-type: none"> • Advanced Python programming • Nested loops • String manipulation
Assessment	Mid unit and end of unit assessment on topics covered		
2nd Half Term topics	<ul style="list-style-type: none"> • Data Science • Python programming 	<ul style="list-style-type: none"> • World of work • Computer Science careers 	<ul style="list-style-type: none"> • Cybersecurity • Threats to networks • Prevention of threats
Assessment	Mid unit and end of unit assessment on topics covered		
Examples of Homework to be set on Show my Homework	<ul style="list-style-type: none"> • Revision for EUA and MUA • Knowledge based assignments • Writing and debugging code 		
Resources that will support learning	Codecademy Download Python/ use repl.it so students can practice coding at home Buy the CGP OCR GCSE Computer Science Revision Guide		
How parents can support learning	Help students to revise their assessments by testing their key words knowledge.		

Subject: Drama

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
Termly topics	Exploration of Stanislavski through the text Blood Brothers- Focus on performance skills (vocal/ physical/ spatial) character development through relationship and audience engagement in a naturalistic style	Exploration of Physical Theatre through Frantic Assembly and the text Face- Focus on physicality, space, and rhythm/ timing within an ensemble performance	Exploration of the play DNA as a performer, director and designer. Understand the features of all the 3 roles within theatre and apply them to the text through script rehearsal techniques and reflective and design styles questions
Assessment	Fact knowledge quiz/ test, questions on self/ peer reflection and performance analysis Ensemble performance	Fact knowledge quiz/ test, questions on self/ peer reflection and performance analysis Ensemble performance	Fact knowledge quiz/ test, questions on self/ peer reflection and performance analysis Ensemble performance
Examples of Homework to be set on Show my Homework	Research and present findings on a given practitioner. Lead a short practical exercise with the rest of the class which depicts the practitioner's style and ideals Retrieval quizzes Student led Drama warm up	Practice portfolio style reflective questions on progress and decisions made during rehearsals Independent research on the style of theatre	Exam style question- As a performer, give three suggestions of how you would use performance skills to show his/her importance from his entrance at the start of the extract to the end. You must provide a reason for each suggestion (6 marks)

Extra curricular and enrichment opportunities	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 learning	Books in the library, internet (looking at professional works), going to see live performances in the theatre.
How parents can support learning	Monitor Show My Homework and google classroom Encourage them to attend extra curricular clubs and take part in external opportunities such as stage coach or a dance company.

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	Textbook AQA GCSE French Foundation Units 1.1G, 1.2G: Me, my family and friends Units 2.1G, 2.2G: Technology in everyday life	Textbook AQA GCSE French Foundation Units 5.1G, 5.2G Home, town, neighbourhood and region Units 8.1G, 8.2G: Travel and tourism	Textbook AQA GCSE French Foundation Unit 9.1G: My studies Unit 10.1G: Life at school and college Unit 11.1G: Education post 16 Unit 12.1G: Jobs, careers and ambitions
Assessment	Writing and Speaking	Writing and Speaking	Writing and Speaking
2nd Half Term topics	Textbook AQA GCSE French Foundation Units 3.1G, 3.2G and 3.3G: Free-time activities	Textbook AQA GCSE French Foundation Units 6.1G, 6.2G Social issues Units 7.1G, 7.2G Global issues	Textbook AQA GCSE French Foundation Units 4.1G, 4.2G: Customs and festivals
Assessment	Reading and Listening	Reading and Listening	Reading and 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	<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 French • Creating a family tree and writing sentences applying adjectival 		

	<p>agreement.</p> <ul style="list-style-type: none"> • 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.
Resources that will support learning	<p>Speech Builder - our vocabulary booklets which also serve as conversational manuals and writing aids</p> <p>AQA textbook (available via Kerboodle)</p> <p>Quizlet.com (available for free on website and phones)</p> <p>Duolingo.com (available for free on website and phones)</p> <p>Linguascope.com (students will be given login details)</p>
How parents can support learning	<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: *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	Development Discover the causes and impacts of globalisation worldwide and how it affects us	Energy Investigate the supply and demand of energy worldwide and where we get our energy from	Ecosystems & Tropical Rainforests Locations of the tropical rainforests, opportunities and challenges for development, plants and animals
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	Asia Investigation- Learn about topical issues related to Asia and its specific regions. Learn about conflict, power, politics of Asia Understand the geographical location and features.	Weather Hazards & Climate Change Causes, impacts and management of weather hazards. Causes, Impacts and management strategies for climate change	Hot Deserts Locations of the hot deserts, opportunities and challenges for development, plants and animals
Assessment	Regular mini-tests, end of unit assessments with short and long answers		
Examples of Homework	Diagrams, newspaper articles, maps, research, GCSE style questions		
Extra curricular and enrichment opportunities	Geography week activities Events within the library The green team Fieldwork and trip opportunities		
Resources that will support learning	BBC and other media outlets for contemporary news stories GoogleEarth and/or Bing maps to view landscape features AQA textbook and revision materials (available from CGP) BBC bitesize websites (look for AQA geography materials) Kerboodle and GCSE Pod		
How parents can support learning	Encourage an interest in world events and the natural landscape Encourage students to watch the news Encourage students to read the geographical magazine Students are also able to join the Geographical association Encourage use of bitesize and youtube for revision		

Subject: History

Department Curriculum Vision: *Students will develop a comprehensive knowledge and understanding of the past in order to become independent learners and responsible, analytical citizens in today's society.*

	Autumn Term	Spring Term	Summer Term
1st Half Term topics	The two World Wars & the Holocaust: <ul style="list-style-type: none"> - What caused the Great War? - The Battle of Britain. - Remembering the Holocaust. 	Migration in early modern England: <ul style="list-style-type: none"> - Protestant migrants, Jewish people, Africans and Indians. - The impact of migrants on culture. 	Migration in modern Britain: <ul style="list-style-type: none"> - Migrants from Europe, the Caribbean and Asia. - Refugees and asylum seekers since the 1990s.
Assessment	Interpretations: Task on the dropping of atomic bombs on Japan.	GCSE Exam-style questions. Knowledge recall tests.	GCSE Exam-style questions. Knowledge recall tests.
2nd Half Term topics	Migration in medieval England: <ul style="list-style-type: none"> - The Vikings and the Normans. - Jewish and European migrants. 	Migration c1700-1900: <ul style="list-style-type: none"> - Migrants from Ireland, Europe and the Empire. - Liverpool in the 1800s. - Jewish migrants in the East End of London. 	Migration: Notting Hill, c1948-c1970: <ul style="list-style-type: none"> - The reasons for Caribbean migration. - The Notting Hill Carnival. - The 'Mangrove Nine'.
Assessment	GCSE Exam-style questions. Knowledge recall tests.	GCSE Exam-style questions. Knowledge recall tests.	PPE on Migration.
Examples of Homework to be set on Show my Homework	Source tasks; reports; research tasks; knowledge retrieval revision.	Knowledge tasks; timelines; essays and practice answers.	Knowledge tasks; timelines; essays and practice answers.
Extra curricular and enrichment opportunities	School Trip to Hillingdon Holocaust Memorial Event or the Imperial War Museum. Northwood Debate Society.		
Resources that will support learning	BBC GCSE Edexcel History website. www.nationalarchives.gov.uk www.ourmigrationstory.org.uk History books on slavery, the two World Wars and on migration.		
How parents can support learning	Monitoring and helping with homework. Quizzing students with retrieval questions. 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
Topics	<p>Rock and Roll: Musical Fusions.</p> <p>Students will spend the whole of the term studying the foundation of Rock music and the most prolific bands and songs from the 1960s onwards. Students will learn to study scores and engage practically on the Ukulele, Guitar, Drums and with Voice. Students will also look at musical fusion and how different cultures have affected the wider diaspora of Rock Music.</p>	<p>Bach to the Future:Vocal Music</p> <p>Students will spend the whole of the term exploring and engaging with the music of Bach more specifically his vocal works. Students will engage the music practically, though listening, performing and arranging his works through the use of Soundtrap and on classroom instruments.</p>	<p>Let's Get the Band Together: Free Composition</p> <p>Students will spend the term using all of the skills and knowledge they have accumulated in Key Stage 3 to create a band and play a key role in creating/composing/per forming their piece. Students will record the piece and have to perform the piece in front of their peers.</p>
Assessment	Listening test Performance/Composition		
Examples of Homework to be set on Show my Homework	<ul style="list-style-type: none"> - Annotations of scores. - Composition/Arranging. - Reading assignments. - Listening and assessment assignments. 		
Extra curricular and enrichment opportunities	<ul style="list-style-type: none"> - Chamber Choir (compulsory) - Northwood Singers - Jazz Combo - School of Rock - Concert Band 		
Resources that will support learning	<ul style="list-style-type: none"> - Library books - Internet research - Regular homework - Access to Music facilities 		
How parents can support learning	<ul style="list-style-type: none"> - Regularly check Show My Homework - Listen to a variety of music at home - Make sure students are practising regularly 		

Subject: Year 9 Core 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 - Hockey / Netball Theory - Components of Fitness	Boys - Fitness / Hockey / Table Tennis Girls - Handball / Fitness / Badminton	Boys - Athletics / Cricket Girls - Basketball / Athletics
Assessment	Practical assessment during the final week of scheme of work. Students to develop their leadership and coaching skills.	Practical assessment during the final week of scheme of work. Students to develop their leadership and coaching skills.	Practical assessment during the final week of scheme of work. Students to develop their leadership and coaching skills.
2nd Half Term topics	Boys - Rugby / Volleyball Girls - Football / Volleyball Theory - Well-being	Boys - Basketball / Alternative / Badminton Girls - Rugby / Alternative / Tennis / Table Tennis	Boys - Tennis / Rounders Girls - Rounders / Cricket
Assessment	Practical assessment during the final week of scheme of work. Students to develop their leadership and coaching skills.	Practical assessment during the final week of scheme of work. Students to develop their leadership and coaching skills.	Practical assessment during the final week of scheme of work. Students to develop their leadership and coaching skills.
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. Many of these clubs will feed into school teams, where students will be able to represent the school at Borough leagues and competitions.		
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: 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	Food	Product
Topics	<p>Long project: Pattern</p> <ul style="list-style-type: none"> ● Basics of using a sewing machine ● Bag construction ● Block printing ● Hand embroidery ● Tie dye ● Research artists ● Personalised outcome ● Design and development of ideas <p>Short project: Stool Top</p> <p>Students use 4 different Textile techniques to create a personalised custom made stool top which will be upholstered onto their stools.</p>	<p>Long project: Food Truck</p> <ul style="list-style-type: none"> ● Learn about the Hospitality and Catering industry: <ul style="list-style-type: none"> ○ Nutrients in food ○ Impacts of cooking ○ Kitchen operations ○ Menu planning ○ Health and safety ○ Environmental issues ● Recipe book ● Build on skills required for GCSE ● Cooking with meats and recipes from other cultures <p>Short project: Life Skills: Full Time Meals with Marcus Rashford and Tom Kerridge</p> <p>Let's talk about child poverty! 4.2 million children in the UK are living in poverty. Try out pocket-friendly, easy-peasy recipes for mega-tasty, super-filling, hearty home cooked grub.</p>	<p>Long project: Desk Organiser</p> <ul style="list-style-type: none"> ● Designing for a client ● Timber and Plastics ● Joining techniques ● New Technology <ul style="list-style-type: none"> ■ CAD/CAM ■ Laser Cutting ● Thermoforming <p>Short project: Stool Base</p> <p>Timber based project using joining timber and finishing skills to batch manufacture a stool base.</p>
Assessment	<p>Mid unit: knowledge of equipment and techniques. End of unit: final piece assessed.</p>	<p>Mid unit: theory knowledge of equipment and techniques. End of unit: practicals assessed</p>	<p>Mid unit: knowledge of equipment and techniques. End of unit: final piece assessed.</p>
Examples of	<ul style="list-style-type: none"> ● Natural fibres 	<ul style="list-style-type: none"> ● Bringing in 	<p>Materials, Tools, Joining</p>

Homework to be set on Show my Homework	research <ul style="list-style-type: none"> • Artist research • Project preparation 	ingredients and planning recipes <ul style="list-style-type: none"> • Complete practical cooking at home 	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 support learning	Checking Stachel1 and ensuring homework tasks are complete. Encouraging students to attend extra curricular clubs Helping students purchase ingredients and practice dishes at home, cooking as a family. Watch design programmes that encourage the making within all areas of the subject Visit museums and galleries. Try different foods from around the world to broaden students knowledge of food and ingredients		

Subject : Religious Studies

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
Topics	<p>Religion and the arts.</p> <ul style="list-style-type: none"> • To explore the expression of religion through the arts. • To evaluate changes in artistic expression through the ages. • To examine different artistic expressions within religious traditions 	<p>GCSE RE course - Paper A Christianity</p> <p><i>Marriage and the Family:</i></p> <ul style="list-style-type: none"> - Marriage - Sexual relationships - Families - Support for families in the local Parish - Contraception - Divorce - Equality of men and women - Gender Prejudice and Discrimination 	<p>GCSE RE course - Paper B Islam: Peace and Conflict</p> <ul style="list-style-type: none"> - Muslim attitudes to Peace - Peacemaking - Conflict - Pacifism - Just War Theory - Holy War - Weapons of Mass Destruction - Issues surrounding Conflict
Assessment	<p>MUAs: Keyword tests, Retrieval quizzes, single exam questions in isolation. EUAs: End of topic tests taken from the exam paper (each will be one section of the exam paper, on that section being studied) Full practice paper at the end of the year. High frequency low stake testing, quizzes and exam questions throughout.</p>		
Examples of Homework to be set on Show my Homework	<p>Revision for tests. Acrostic poem creation based on keywords. Research on exemplar organisations or ethical issues e.g. situation ethics Exam questions</p>		
Extra curricular and enrichment opportunities	<p>Interfaith Debate. Philosophy for Children (P4C) discussions in class Debates in class</p>		
Resources that will support learning	<p>GCSE Edexcel Religious Studies B Christianity and Islam textbook BBC Teach and classroom video clips for Edexcel B. GCSEpod</p>		
How parents can support learning	<p>Discuss topics at home. Support full effort and enthusiasm with homework. Encourage revision consistently throughout topics.</p>		

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>Biology: Cell biology</p> <ul style="list-style-type: none"> - Cell structure and transport - Cell Division <p>Chemistry: Atomic structure and the periodic table</p> <ul style="list-style-type: none"> - Atomic structure - The Periodic table 	<p>Physics: Energy</p> <ul style="list-style-type: none"> - Conservation of energy - Energy transfer by heating - Energy resources - <p>Biology: Organisation</p> <ul style="list-style-type: none"> - Organisation and the digestive system - Organising animals and plants 	<p>Chemistry: Bonding, structure and properties of matter</p> <ul style="list-style-type: none"> - States of Matter - Structure and bonding <p>Physics: Electricity</p> <ul style="list-style-type: none"> - Electrical circuits - Electricity in the home
Assessment	End of topic assessment at the end of each unit.		
Examples of Homework to be set on Show my Homework	Exam questions Scientific models Extended writing Research based tasks Revision tasks Kerboodle based activities		
Extra curricular and enrichment opportunities	STEM workshops University visits and talks		
Resources that will support learning	www.kerboodle.com (Access to digital Biology, Chemistry and Physics text books) BBC Bitesize website - http://www.bbc.co.uk/education/subjects/zrkw2hv GCSE Pod website - https://www.gcsepod.com/ CGP revision guides and workbooks		
How parents can support learning	Monitoring and supporting homework. Encouraging constant revision of learning Engaging in conversations about scientific careers and Science in the real world		

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	Textbook AQA GCSE Spanish Foundation Units 1.1G, 1.2G: Me, my family and friends Units 2.1G, 2.2G: Technology in everyday life	Textbook AQA GCSE Spanish Foundation Units 5.1G, 5.2G Home, town, neighbourhood and region Units 8.1G, 8.2G: Travel and tourism	Textbook AQA GCSE Spanish Foundation Unit 9.1G: My studies Unit 10.1G: Life at school and college Unit 11.1G: Education post 16 Unit 12.1G: Jobs, careers and ambitions
Assessment	Writing and Speaking	Writing and Speaking	Writing and Speaking
2nd Half Term topics	Textbook AQA GCSE Spanish Foundation Units 3.1G, 3.2G and 3.3G: Free-time activities	Textbook AQA GCSE Spanish Foundation Units 6.1G, 6.2G Social issues Units 7.1G, 7.2G Global issues	Textbook AQA GCSE Spanish Foundation Units 4.1G, 4.2G: Spanish and festivals
Assessment	Reading and Listening	Reading and Listening	Reading and 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	<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.
Resources that will support learning	<p>Speech Builder - our vocabulary booklets which also serve as conversational manuals and writing aids</p> <p>AQA Textbook (available via Kerboodle)</p> <p>Quizlet.com (available for free on website and phones)</p> <p>Duolingo.com (available for free on website and phones)</p> <p>Linguascope.com (students will be given login details)</p>
How parents can support learning	<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>

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, positively active and aware* members of our wider community"

	Autumn Term	Spring Term	Summer term
Topic	<p>Citizenship: Law and Human Rights Aims:</p> <ul style="list-style-type: none"> - To re-cap how laws in the UK are made - To explore how we can take an active role in shaping our community and society - To explore Humans Rights <p>Citizenship: Anti-Extremism Aims:</p> <ul style="list-style-type: none"> - To identify extremism in language and behaviour, including racism, Anti-Semitism and Islamophobia - To understand different factors that make someone vulnerable to extremism - To know where to seek help if worried or concerned 	<p>My Future: Employability and The World of Work (careers) Aims:</p> <ul style="list-style-type: none"> - To explore the world of work and employment - To understand the law around employment - To understand and practise essential skills to the world of work <p>Money Matters: Financial education Aims:</p> <ul style="list-style-type: none"> - To evaluate the importance of different monetary priorities and transactions - To understand Income Tax and how to calculate it - To consider how to budget with money 	<p>RSHE: Aims:</p> <ul style="list-style-type: none"> - To understand and analyse what makes healthy and unhealthy relationships in all settings and contexts - To know the risks and signs of dangerous behaviours, how to stay safe and where to get help - To understand the legality around sex, namely consent, and online activity <p>Health, wellbeing and safety (extending from RSHE): Aims:</p> <ul style="list-style-type: none"> - To understand risks to our safety and how these can be mitigated - To explain the nature of different risks to personal safety (including eating disorders, FGM and cancer) - To identify causes of such risks - To know how to make decisions that encourage and support our personal safety (e.g. self-examination for cancer, wearing sunscreen and living

			<p>a balanced and healthy lifestyle)</p> <ul style="list-style-type: none">- To understand the legality around FGM, how to spot concerns that might suggest someone is at risk of FGM and who to report these to.- To explore the issues around loss and bereavement, and know where I can access help if needed
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Year 9 - optional extra enrichment - suggestions from your teachers

Subject	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
English	Watch the movie 'The Hunger Games'. Consider how the movie is different to the book and think about why the director made these changes.	Read the second and third book in 'The Hunger Games' trilogy	Find an article in a newspaper or magazine about a current affairs topic that you feel strongly about. Share the article with your class.	Read Gothic stories by Edgar Allen Poe	Read two of these books: 18 Life Changing, Diverse YA Books That Should Be Required Reading	Research one of the poets from the Power and Conflict anthology. Write your own poem using poetic techniques or the poet's topic as inspiration.
<u>RE</u>	Watch BBC's ' Being Christian '	The RE podcast: The One with the Christian	Similarities within marriage across faiths. Should we believe in love at first sight?	Why are sacred texts open to interpretation ?	How does science and Christianity interact ?	Who is God? OR 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 González López	Research the Spanish speaking countries in the world. A starting point could be one of these websites: Spanish speaking countries languagenext.com/	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

History	Look at BBC at ‘How did slave-owners shape Britain?’	Watch the film, ‘War Horse’. Take a look at the digital collections at Yad Vashem	Explore how the movement of people to and from Britain across the ages has shaped who we are: www.migrationmuseum.org/exhibitions/	Watch the documentary series: Black & British - A forgotten history: Black and British -a forgotten history		
Geography	Calculate your carbon footprint WWF Footprint Calculator Research how you could reduce your carbon footprint Research a major energy disaster (e.g. Chernobyl, Oil Spills etc).	Use the Gap Minder website to research your own development indicators. Gapminder.org	Watch ‘Before the Flood’ (2016) Read ‘The Perfect Storm’ by Sebastian Junger Use the United States Geological Survey (USGS) website (https://earthquake.usgs.gov/earthquakes/map/) to find a map of recent earthquakes. Copy and paste the map and describe where the recent earthquakes have occurred. Visit the Natural History Museum, London Science Museum, London	Read Rainforests by Rhett Butler Watch, Planet Earth, Human Planet and Earth’s Greatest Migrations Investigate commercial oil palm farming in the Amazon. Visit Lee Valley Regional Park Epping Forest, ZSL London Zoo, ZSL Whipsnade, Kew Gardens		
Computer science	Keep up to date with the latest predictions in Computing: Latest Updates Technology		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		
PE	Join our sports clubs! We will also provide links to external clubs so you can get involved outside of school too.					
Music	Join a choir or a group at school.	Perform in a year group assembly.	Compose a song to be performed at a concert.	Audition for a County ensemble.	Teach your friend or family member how to play the Ukulele.	Conduct and lead a choir at a school performance.
Drama	Join the Drama company to study LAMDA (drama qualification) Join the Northwood Dance company Read facts and takes quizzes on Blood Brothers- Blood		Check out The nature of Physical theatre - Physical theatre - GCSE Drama Revision for reading and quizzes Watch Frantic performance digitally- Frantic Assembly: Home	Watch DNA DNA by Dennis Kelly [Genesis Theatre] BBC clips on DNA- English Literature / Drama GCSE: Characters: DNA by Dennis Kelly Participate in the PA Summer showcase		

	Brothers - GCSE English Literature Revision - AQA					
	Participate in the PA Christmas showcase					
Art	Join art club enrichment every Thursday after school. 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 school. Outside of school Art competition Catalogue Cover Competition		Join art club enrichment every Thursday after school. Outside of school Art competition https://www.stampcompetition.ichild.co.uk/	
Tech-nology	Textiles: Creating a display for school around a particular theme e.g Poppy display for remembrance day		Food: Complete this online training on allergies and download a certificate to add to your CV, as well as extra knowledge for your course		Product: Attempt these STEM Challenge Cards.pdf independently and show Mr Luffman to Achieve 5 Reward Points	
PSHCE	Watch a Prime Minister Questions slot	Watch BBC Black History or Black and British: A forgotten History	Explore your career path further using the National Careers Service	Explore your career path further using the National Careers Service	Research the <i>Coppa Feel Campaign</i>	Watch Just Like Us' Masterclass speakers and a panel discussions on Youtube
Maths	Area, Perimeter and Volume short problems	Practise some UKMT papers	Tilted squares Ladder and Cube	Picturing Triangular Numbers Coordinate Patterns	Picks Problem	Explore the scale of the universe
Science	Watch this TED Talks video on Stem cells	Explore this interactive periodic table	Visit the 'Energy Hall' at the Science museum in London	Explore the different simulations on the PhET website	Read the book 'What if' By Randall Munroe	Can you build a potato cell?