



29<sup>th</sup> April 2024

Dear Parent/Carer,

Curriculum is at the heart of what we do at Tanfield School. The curriculum at Tanfield has been carefully sequenced to build powerful knowledge and application of that knowledge to support all students to achieve their sentence. To support conversations with your child about their subjects, please find an outline of the curriculum in each subject for the current Cycle 3. The information shared in this letter can also be found on the curriculum section of the website.

Each Cycle is 13 weeks and in week 7, we will revise in lessons to prepare for assessments in weeks 8 and 9. Students have received their Cycle 3 Knowledge Organisers. Students have been asked to keep their Cycle 1 and Cycle 2 Knowledge Organisers at home to support revision for Cycle 3 assessments. The homework students complete support learning of core knowledge and practise the recall and application of that knowledge. Please refer to the letter on Assessment Week and How to revise effectively for information on the assessments and revision support. For Y11, formal external assessments commence in May and all work, in school and at home, will focus on revision and completing practice papers.

### Cycle 3 Curriculum

Subject	Year 7 Curriculum Cycle 3
English	Gothic Literature (Novel - The Woman in Black)
Mathematics	Constructing, measuring and using geometric notation Developing geometric reasoning Developing number sense Sets and probability Prime numbers and proof
Science - Biology	Nutrition and Digestion Inheritance, Chromosomes, DNA and Genes - Natural selection Health The Skeletal & Muscular System
Science - Chemistry	Earth - Structure of the Earth Matter - Elements & Periodic Table Reactions - Metals and Non-Metals Earth - The Universe

<b>Science - Physics</b>	Energy transfer: Conduction, convection and radiation. Waves - Sound waves: Differences in frequency and amplitude Light and reflection.
<b>History</b>	Life in Medieval England: Was Medieval England dark and dangerous? Interpretations. The role of the Church. The Black Death and its impacts, including the Peasants Revolt. Early Tudors: The Wars of the Roses, Henry VII. Life in Tudor England including the order of being, the role of women and Black Tudors
<b>Geography</b>	River processes and landforms Features of the River Tees Flooding in Bangladesh Sustainable Urban Drainage Systems
<b>Design and Technology - Textiles</b>	Bacteria buddy: Natural Fibres, Hand Techniques
<b>Design and Technology - Food</b>	Back to basics: Eatwell Guide, Basic Equipment & Materials
<b>Design and Technology - Resistant Materials</b>	Mechanisms Project: Movement, Cams, Timbers
<b>French</b>	Family & Descriptions (Part 2) Free Time (Part 1)
<b>Computing</b>	How do we Create a Computer Game?
<b>Music</b>	Lyrics and Songwriting
<b>Art</b>	Still Life
<b>Physical Education</b>	Striking & Fielding Athletics
<b>Religious Education</b>	Why is Moses so important?
<b>PSHE</b>	Living in the Wider World What is Living in the Wider World about? Is it important for me to save my money? If so, why? Where should I save my money? How can I earn money?

	<p>How can money affect our mental health?</p> <p>How do I make sure I get the most from my money?</p> <p>What are the different ways to pay?</p> <p>What is budgeting?</p> <p>What is a community?</p> <p>How can we identify and understand bullying to protect ourselves and others?</p> <p>How can we challenge bullying and avoid the bystander effect?</p>
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Subject	Year 8 Curriculum Cycle 3
<b>English</b>	Conflict (War Poetry/Novel - The Bone Sparrow)
<b>Mathematics</b>	Angles in parallel lines and polygons Area of trapezia and circles Line symmetry and reflection The data handling cycle Measures of location
<b>Science - Biology</b>	Inheritance, Chromosomes, DNA and Genes - Variation Gas exchange systems and cellular respiration
<b>Science - Chemistry</b>	Reactions - Acids and Alkalis Reactions - Types of Reactions Earth - Global Warming
<b>Science - Physics</b>	Waves - Light, refraction, colour and the Eye. Electricity & Magnetism - Circuits and resistance
<b>History</b>	<p><b>How turbulent was the 17th century?</b> Cromwell and the Protectorate, the restoration and changing attitudes.</p> <p><b>Was the Industrial Revolution the 'Dawn of Liberty?'</b> Extent of change 1750-1900, living conditions and improvements, Whitechapel, changing roles and child labour</p>
<b>Geography</b>	Coastal processes and landforms Piracy; fact or fiction? Coastal management techniques
<b>Design and Technology - Textiles</b>	Designer Influenced Mobile Phone Holder: CAD/CAM, Pop Art, Using Sewing Machines
<b>Design and Technology - Food</b>	Food Provenance, Sources and Seasonality, Cooking Relevant Dishes

<b>Design and Technology - Resistant Materials</b>	Memphis design inspired photo frame: CAD/CAM, Plastics
<b>French</b>	Home Life
<b>Computing</b>	How to create a visual identity?
<b>Music</b>	World music and Fusions
<b>Art</b>	Food
<b>Physical Education</b>	Striking & Fielding Athletics
<b>Religious Education</b>	How do Buddhists live?
<b>PSHE</b>	<p>Living in the Wider World</p> <p>What is Living in the Wider World about?</p> <p>Is it important for me to save my money? If so, why?</p> <p>Where should I save my money?</p> <p>What is interest?</p> <p>How can I earn money?</p> <p>How can money affect our mental health?</p> <p>How do I make sure I get the most from my money?</p> <p>What are the different ways to pay?</p> <p>What is budgeting?</p> <p>What is discrimination and how can we support those who experience it?</p> <p>What is the history of racism and how does it impact the present?</p> <p>What is systemic racism and how can we begin to challenge it through activism?</p>

Subject	Year 9 Curriculum Cycle 3
<b>English</b>	Shakespeare (Macbeth)
<b>Mathematics</b>	Enlargement and similarity Solving ration & proportion problems Rates Probability Algebraic representation
<b>Science - Biology</b>	Photosynthesis Relationships in an Ecosystem
<b>Science - Chemistry</b>	Reactions - Acids and Metals Earth - The Earth's Atmosphere Matter - Separation Techniques
<b>Science - Physics</b>	Energy resources Waves - Properties of waves Electricity & Magnetism - Circuits, National grid, Current and Potential difference
<b>History</b>	<p><b>Why was WW1 called the Great War?</b></p> <ul style="list-style-type: none"> <li>Causes, key events, how was the war fought and who fought it.</li> </ul> <p><b>Why was there a rise in fascism in the 20th century and what consequences did this have?</b></p> <ul style="list-style-type: none"> <li>Impacts of WWI, inter-war years and factors facilitating Hitler's rise to power.</li> </ul> <p><b>The Holocaust</b></p> <ul style="list-style-type: none"> <li>History of Anti-Semitism, steps to persecution, resistance and legacy.</li> </ul> <p>Homework Focus: WWII - A global conflict and post-war relations.</p>
<b>Geography</b>	Glacial landscapes and cold environments Glacial processes and landforms Managing glacial environments and resulting conflict Characteristics of Cold environments Threats to cold environments and management strategies to reduce them

<b>Design and Technology - Textiles</b>	Oriental Inspired Night Light Shade Design: CAD, Repeat Patterns, Commercial Processes
<b>Design and Technology - Food</b>	Using an Increasingly Complex Range of Food Skills to Cook a Wider Range of dishes
<b>Design and Technology - Electronics</b>	Oriental Inspired Night Light Circuit and Casing: Electronic Components, Soldering, Using Sensors
<b>French</b>	Healthy Lifestyles & Holidays
<b>Computing</b>	How do we Create an Interactive Media Product?
<b>Music</b>	Music Technology
<b>Art</b>	Identity
<b>Physical Education</b>	Striking & Fielding Athletics
<b>Religious Education</b>	Religious Attitudes to Relationships & Family Life
<b>PSHE</b>	<p>Living in the Wider World</p> <p>What is Living in the Wider World about?</p> <p>Is it important for me to save my money? If so, why?</p> <p>Where should I save my money?</p> <p>What is interest?</p> <p>How can I earn money?</p> <p>How can money affect our mental health?</p> <p>How do I make sure I get the most from my money?</p> <p>What are the different ways to pay?</p> <p>What is budgeting?</p> <p>What does 'value for money' mean?</p> <p>What are my options for borrowing money?</p> <p>How does knife crime impact our communities, why do some teens get involved and what are the consequences?</p>



Subject	Year 10 Curriculum Cycle 3
<b>English - Literature</b>	Poetry Anthology - Power and Conflict
<b>English - Language</b>	Write creatively to suit a range of purposes, audiences and styles
<b>Mathematics</b>	Collecting, representing and interpreting data Non-calculator methods Types of number and sequences Indices and roots Manipulating Expressions
<b>Science - Biology</b>	Bioenergetics Cell biology - Transport systems
<b>Science - Chemistry</b>	Electrolysis Quantitative Chemistry Bond, Structure and Properties of Matter (Covalent and Metallic Bonding)
<b>Science - Physics</b>	Particle Model & Matter (Radioactivity) Electricity & Magnetism - Component characteristics Electricity & Magnetism - Motor effect
<b>History</b>	Edexcel Period Study: The American West (Paper 2, Option P3)
<b>Geography</b>	Changing Economic World; UK Coastal landscapes and fieldwork at Seaham
<b>Design and Technology - Engineering</b>	R014 Principles of engineering manufacturing R016 Manufacturing a product in quantity
<b>Design and Technology - Hospitality &amp; Catering</b>	Unit 1: The Hospitality Industry Unit 2: Hospitality and catering in action

Health & Social Care	Unit 1 Exam - Health, well-being and development throughout the lifespan
French	Customs & Festivals Where I Live
<b>ICT - Creative iMedia</b>	Creating an Interactive Media Product (Internally Assessed)
<b>Business and Enterprise</b>	Planning & Presenting a Micro-Enterprise Idea (Internally Assessed Component)
<b>Music</b>	Component 1 coursework: Exploring Music Products and Styles - Deadline 1/5/24
<b>Art</b>	Sweet Treats
<b>Physical Education</b>	Striking & Fielding Athletics
<b>Religious Education</b>	What questions are raised by philosophy? Issues of Good and Evil Issues of Human Rights Christianity: Beliefs
<b>Film Studies</b>	Introduction to Screenplay and Production Folder (NEA Unit), District 9 and Narrative theory
<b>Photography</b>	Component 1 Continued
<b>PSHE</b>	Living in the Wider World What is Living in the Wider World about? Is it important for me to save my money? If so, why? Where should I save my money? What is interest? How can I earn money? How can money affect our mental health? How do I make sure I get the most from my money? What are the different ways to pay? What is budgeting? What does 'value for money' mean? What are my options for borrowing money? What are borrowing products and how does my credit history affect how much it costs to use them? What are the dangers of borrowing money? What are the big financial decisions I'll need to make when I leave Tanfield and move on to my future life?



	<p>What are earnings and deductions and how can I read a payslip?</p> <p>What is gross pay and net pay?</p> <p>What are pensions?</p> <p>Is there any help for low income families? Is this enough?</p>
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<b>Subject</b>	<b>Year 11 Curriculum Cycle 3</b>
<b>English - Literature</b>	Revision Paper 1 & 2: "Macbeth", "A Christmas Carol", "An Inspector Calls" & Poetry
<b>English - Language</b>	Revision of both papers and the requirements for each
<b>Mathematics</b>	Revision
<b>Science - Biology</b>	Exam Preparation for Paper 1 and Paper 2 Biology
<b>Science - Chemistry</b>	Exam Preparation for Paper 1 and Paper 2 Chemistry
<b>Science - Physics</b>	Exam Preparation for Paper 1 and Paper 2 Physics
<b>History</b>	Edexcel Thematic study and historic environment: Crime and Punishment c1000-Present (Paper 1, Option 10) Revision
<b>Geography</b>	Revision and Exam Preparation including issue evaluation (based on AQA pre-release information booklet)
<b>Design and Technology - Engineering</b>	Revision for Resit
<b>Design and Technology - Hospitality &amp; Catering</b>	Revision for Unit 1: The hospitality and catering industry
<b>Health &amp; Social Care</b>	Revision for Exam Resit

<b>French</b>	Jobs, career choices & ambitions GCSE revision & preparation
<b>ICT - Creative iMedia</b>	Review & Revision
<b>Business and Enterprise</b>	Review & Revision
<b>Music</b>	Component 3 coursework: Responding to a brief - Deadline 1/5/24
<b>Art</b>	Unit 2 Controlled Assessment
<b>Physical Education</b>	Striking & Fielding Athletics
<b>Religious Education</b>	N/A
<b>Film Studies</b>	Course Review and Exam Revision
<b>Photography</b>	Component 2 Continued Controlled Assessment
<b>PSHE</b>	Examination Intervention

If you wish to discuss curriculum matters, please contact the relevant subject leader.

Regards,

Steven Clough

Nisha Stephenson

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