

April 25



TANFIELD
SCHOOL

HARD WORK | TRUST | FAIRNESS

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. For Cycle 3, **revision week** is the week beginning **Monday 2nd June 2025** and the **assessments** are from **Monday 9th June 2025-Friday 20th June 2025**.

Students have received their Cycle 3 Knowledge Organisers and will receive their Multiple-Choice Questions banks. These Multiple-Choice Questions banks cover the knowledge that they will be assessed in the knowledge papers in Cycle 3 for Years 7-10. 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

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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
Science - Physics	Energy transfer: Conduction, convection and radiation. Waves - Sound waves: Differences in frequency and amplitude Light and reflection.
History	How significant were the Silk Roads to the development of the Medieval World? Was Medieval England dark and dangerous?
Geography	Wonderful Water
Design and Technology - Textiles	Bacteria buddy: Natural Fibres, Hand Techniques
Design and Technology - Food	Back to basics: Eatwell Guide, Basic Equipment & Materials
Design and Technology - Resistant Materials	Mechanisms Project: Movement, Cams, Timbers
French	Family & Descriptions (Part 2) Free Time (Part 1)
Computing	How do we program using block based programming?
Music	Lyrics and Songwriting
Art	Symbols and Patterns

Physical Education	Striking & Fielding Athletics
Religious Education	Why is Moses so important?
PSHE	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? 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 is a community? How can we identify and understand bullying to protect ourselves and others? How can we challenge bullying and avoid the bystander effect?

Subject	Year 8 Curriculum Cycle 3
English	Conflict (War Poetry/Novel - The Bone Sparrow)
Mathematics	Angles in parallel lines and polygons Area of trapezia and circles Line symmetry and reflection The data handling cycle Measures of location
Science - Biology	Inheritance, Chromosomes, DNA and Genes - Variation Gas exchange systems and cellular respiration
Science - Chemistry	Reactions - Acids and Alkalis Reactions - Types of Reactions Earth - Global Warming
Science - Physics	Waves - Light, refraction, colour and the Eye. Electricity & Magnetism - Circuits and resistance

History	Was the Industrial Revolution the 'Dawn of Liberty?'
Geography	Coastal Landscapes
Design and Technology - Textiles	Designer Influenced Mobile Phone Holder: CAD/CAM, Pop Art, Using Sewing Machines
Design and Technology - Food	Food Provenance, Sources and Seasonality, Cooking Relevant Dishes
Design and Technology - Resistant Materials	Memphis design inspired photo frame: CAD/CAM, Plastics
French	Home Life
Computing	How to create a visual identity?
Music	World music and Fusions
Art	Impressionism
Physical Education	Striking & Fielding Athletics
Religious Education	How do Buddhists live?
PSHE	<p>Living in the Wider World</p> <p>What is Living in the Wider World about?</p> <p>What is interest?</p> <p>What does success look like for you?</p> <p>How can positive interactions with others help us towards our goals?</p> <p>What are the essential skills for achieving our goals?</p> <p>How will our skills apply to different careers?</p> <ul style="list-style-type: none"> - Events manager - Software developer - TV presenter

What is discrimination and how can we support those who experience it?
 What is the history of racism and how does it impact the present?
 What is systemic racism and how can we begin to challenge it through activism?

Subject	Year 9 Curriculum Cycle 3
English	The Crucible
Mathematics	Enlargement and similarity Solving ration & proportion problems Rates Probability Algebraic representation
Science - Biology	Photosynthesis Relationships in an Ecosystem
Science - Chemistry	Reactions - Acids and Metals Earth - The Earth's Atmosphere Matter - Separation Techniques
Science - Physics	Energy resources Waves - Properties of waves Electricity & Magnetism - Circuits, National grid, Current and Potential difference
History	Why was WW1 called the Great War?: Was there a rise of Fascism in the 20th century? How did the Holocaust happen?

Geography	Frozen World
Design and Technology - Electronics	Night Light Circuit and Casing: Electronic, Soldering, Using Sensors
Design and Technology - Food	Using an Increasingly Complex Range of Food Skills to Cook a Wider Range of dishes
Design and Technology - Graphics	Biomimicry shelter design: Biomimicry, Sustainability, Card Modeling
French	Healthy Lifestyles & Holidays
Computing	How do we Program using Text Based Programming? - Python Programming
Music	Music Technology
Art	Materials and Skills
Physical Education	Striking & Fielding Athletics
Religious Education	Religious Attitudes to Relationships & Family Life
PSHE	<p>Living in the Wider World</p> <p>What is Living in the Wider World about?</p> <p>What does 'value for money' mean?</p> <p>What are my options for borrowing money?</p> <p>How can we deal with challenges we may encounter on the way to achieving our goals?</p> <p>How can I manage my emotions and build resilience?</p> <p>What are the essential skills for achieving our goals?</p> <p>How will our skills apply to different careers?</p> <ul style="list-style-type: none"> - Doctor - Ecologist

- Hotel manager
 How does knife crime impact on our communities, why do some teens get involved and what are the consequences?

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

Design and Technology - Hospitality & Catering	Unit 2: Hospitality and catering in action Unit 1: The Hospitality Industry
Health & Social Care	Unit 1 Exam - Health, well-being and development throughout the lifespan
French	Customs & Festivals Healthy Living
ICT - Creative iMedia	Creating an Interactive Media Product (Internally Assessed)
Business and Enterprise	Planning & Presenting a Micro-Enterprise Idea (Internally Assessed Component)
Music	Component 1 coursework: Exploring Music Products and Styles
Art	Sweet Treats
Physical Education	Striking & Fielding Athletics
Religious Education	What questions are raised by philosophy? Issues of Good and Evil Issues of Human Rights Christianity: Beliefs
Film Studies	The study of District 9 (2009) and narrative theory and structure Introduction to Screenwriting and the Non Exam Assessment Unit
Photography	Component 1 Continued
PSHE	Living in the Wider World What is Living in the Wider World about? 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? What are earnings and deductions and how can I read a payslip? What is gross pay and net pay?

What are pensions?
 Is there any help for low income families? Is this enough?
 What are the essential skills for achieving our goals?
 How can I showcase my essential skills to a college or employer?

Subject	Year 11 Curriculum Cycle 3
English - Literature	Revision Paper 1 & 2: "Macbeth", "A Christmas Carol", "An Inspector Calls" & Poetry
English - Language	Revision of both papers and the requirements for each
Mathematics	Revision
Science - Biology	Exam Preparation for Paper 1 and Paper 2 Biology
Science - Chemistry	Exam Preparation for Paper 1 and Paper 2 Chemistry
Science - Physics	Exam Preparation for Paper 1 and Paper 2 Physics
History	Edexcel Thematic study and historic environment: Crime and Punishment c1000-Present (Paper 1, Option 10)
Geography	Revision and Exam Preparation including issue evaluation (based on AQA pre-release information booklet)
Design and Technology - Engineering	Revision for potential Resit
Design and Technology - Hospitality & Catering	Revision for potential Resit

Health & Social Care	Revision for Exam Unit 1 - Health & well-being and development throughout the lifespan
French	Jobs, career choices & ambitions GCSE revision & preparation
ICT - Creative iMedia	Review & Revision
Business and Enterprise	Review & Revision
Music	Component 3L coursework: Responding to a Musical brief -
Art	Unit 2 Controlled Assessment
Physical Education	Striking & Fielding Athletics
Religious Education	N/A
Film Studies	Course Review and Exam Revision
Photography	Component 2 Continued Controlled Assessment
PSHE	Examination Intervention

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

Regards,

Steven Clough

Nisha Stephenson