



January 2025

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 the link to an outline of the curriculum in each subject for the current Cycle 2. 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 revise in lessons to prepare for assessments in weeks 8 and 9. For Cycle 2, revision week is the week beginning Monday 3rd February 2025 and the assessments are from Monday 10th February 2025-Friday 21st February 2025. For Year 11, 1 the Cycle 2 assessments will be full Mocks in the examination hall. 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.

Cycle 2 Curriculum

Subject	Year 7 Curriculum Cycle 2
English	Shakespeare (Romeo and Juliet)
Mathematics	Solving problems with addition & subtraction Solving problems with multiplication and division Fractions & percentages of amounts Operations and equations with directed number Addition and subtraction of fractions
Science - Biology	Ecosystems - Interdependence Plant Reproduction
Science - Chemistry	Matter and separation techniques Earth and Universe - The Earth's resources
Science - Physics	Electromagnetism - potential difference & resistance Waves - light

History	The significance of the Silk Roads: What were the Silk Roads? What travelled the Silk Roads? The significance of the Mongol Empire. Impact and Influence
Geography	Brilliant Biomes
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	All About Me (Part 2) Family & Descriptions (Part 1)
Computing	How do we Model on the Computer? Spreadsheet Design & Use
Music	Pitch using Keyboards and Voices
Art	Tone & Perspective
Physical Education	Net & Wall Aesthetical Activities OAA Fitness
Religious Education	Where did we originate?
PSHE	How can I have a balanced diet and quality sleep? What's the big deal about energy drinks? Why is smoking so bad for us and why must we try to avoid secondhand smoke? Which body parts are related to sexual reproduction and what are their functions?

	<p>What are periods and how can these be managed?</p> <p>How does the body change through puberty?</p> <p>How can I maintain hygiene and dental health?</p> <p>What influences our body image and how can we practise self care?</p> <p>What is FGM and why is it so dangerous?</p>
--	---

Subject	Year 8 Curriculum Cycle 2
English	Shakespeare (The Tempest)
Mathematics	<p>Brackets, equations and inequalities</p> <p>Sequences</p> <p>Indices</p> <p>Fractions and percentages</p> <p>Standard index form</p> <p>Number sense</p>
Science - Biology	<p>Reproduction - Humans</p> <p>Inheritance, Chromosomes, DNA & Genes</p>
Science - Chemistry	<p>Reactions - Acids & alkalis</p> <p>Earth and Universe - Global warming</p>
Science - Physics	<p>Electricity & Magnetism</p> <p>Earth and Universe</p>
History	<p>How turbulent was the 17th century?:</p> <p>Gunpowder plot, personal rule, the English Civil War, the execution of Charles I. Cromwell and the Protectorate, restoration and changing attitudes</p> <p>The Transatlantic Slave Trade:</p> <p>African empires, origins of enslavement, the Triangular Trade Route, processes of enslavement, resistance and legacy</p>
Geography	Wonderful Weather
Design and Technology - Textiles	Designer Influenced Mobile Pencil Case: 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	School Life
Computing	How do we create a visual identity? Logo Design Photoshop
Music	Orchestral Music and Composing Musical Themes
Art	Cubism
Physical Education	Net & Wall Aesthetical Activities OAA Fitness
Religious Education	Why is Prophet Muhammad so important?
PSHE	What's the link between physical and mental health and how can I improve mine? How can self confidence boost our achievement? How can I manage my own mental health? What are the risks and laws around cigarettes, vaping and alcohol? What are the risks and laws around drug (mis)use? Why do teenage parents have it so tough? How can we look after ourselves and others in an emergency? Personal safety and first aid. Why is self awareness in our actions towards others so important? What is mindfulness? How can this aid positive mental health? What exactly is cancer? Is there anything we can do to avoid it?

Subject	Year 9 Curriculum Cycle 2
English	Power and Gender (Poetry/Fiction/Non-fiction extracts)

Mathematics	Numbers Using percentages Maths and money Deduction Rotation and translation Pythagoras' Theorem
Science - Biology	Nutrition & Digestion Circulation and breathing
Science - Chemistry	Earth - The Earth's Atmosphere Reactions - Energetics
Science - Physics	Electricity & Magnetism
History	The British Empire: Methods of colonialism, case studies of India and Australia and interpretations of empire. Why was WW1 called the Great War? Causes, key events, how was the war fought and who fought it? Legacy of WW1
Geography	Global Development
Design and Technology - Food	Using an Increasingly Complex Range of Food Skills to Cook a Wider Range of dishes
Design and Technology - Electronics	Night Light Circuit and Casing: Electronic, Soldering, Using Sensors
Design and Technology - Graphics	Biomimicry shelter design: Biomimicry, Sustainability, Card Modeling
French	Health & Healthy Lifestyles
Computing	How do we Create an Interactive Media Product?
Music	Battle of the Bands (Cover Bands)

Art	Identity
Physical Education	Net & Wall Aesthetical Activities OAA Fitness
Religious Education	How is religion lived out in society today?
PSHE	How can we foster a Growth Mindset to succeed and achieve? How can we manage the stress of school and exams? How can I deal with and manage anxiety? How can I manage peer pressure? What are the risks behind drugs and how can I deal with emergencies related to drugs? Why do people take illegal drugs and what does the law say about drug use? What are the risks of alcohol and how can I deal with emergencies related to it? Why do people become selfie obsessed and what consequences can this have? What are the risks of gambling and online fraud and how can I access support? What is self harm and why do people do this? Why can't some people access education? How Can We Prevent Cancer and Heart Disease?

Subject	Year 10 Curriculum Cycle 2
English - Literature	An Inspector Calls
English - Language	Explore the writers' viewpoints and perspectives based on a range of tense and dramatic non fiction texts
Mathematics	Angles & bearings Working with circles Vectors Ratios & fractions Percentages and interest Probability

Science - Biology	Infection and response Bioenergetics
Science - Chemistry	Bonding, structure and the properties of matter Chemical calculations
Science - Physics	Energy
History	Edexcel Modern World Study: Weimar and Nazi Germany, 1918-1939 (Paper 3, Option 31) Key Topic 2: Hitler's Rise to Power 1919-1933 Key Topic 3: Nazi Control and Dictatorship Key Topic 4: Life in Nazi Germany 1933-1939
Geography	Challenges of natural hazards
Design and Technology - Engineering	R015 Manufacturing a One Off Product R016 Manufacturing a product in quantity
Design and Technology - Hospitality & Catering	Unit 2: Hospitality and catering in action
Health & Social Care	Unit 2 Coursework - Outcome-focused and person centred-practice in health and social care
French	Technology in Everyday Life Free Time
ICT - Creative iMedia	Creating a Visual Identity and Digital Graphic (Internally Assessed)
Business and Enterprise	Exploring Enterprises (Internally Assessed Component)
Music	Coursework - Component 1: Exploring Music Products and Styles
Art	Natural World

Physical Education	Net & Wall Aesthetical Activities OAA Fitness
Religious Education	How ethical is modern technology? Issues of Good and Evil Issues of Human Rights
Film Studies	An analysis of Bigelow's messages in The Hurt Locker (2009) Studying 'Finding the Frame' by Gustavo Mercado Analysing representation in Tsotsi (2005)
Photography	Understanding Functions & Tools within Photoshop Component 1 - Portraiture, Location Photography, Studio Photography, Experimental Imagery, Documentary Photography, Photojournalism, Moving Image (Film, Video & Animation) or Fashion Photography
PSHE	Can tattoos and piercings be dangerous? How can I manage influences and risks relating to cosmetic and aesthetic body alterations? What are common mental health issues and which strategies could I use? What attitudes do people have around mental health? How can we support ourselves and others? Why do some people become homeless and why is homelessness on the increase? What are hate crimes and why do these still happen? What are the signs of addiction and how can we support ourselves and others? What are emergency first aid skills relating to CPR, defibrillators, wounds and choking? What impact can social media have on self esteem? What are the dangers of excessive screen time?

Subject	Year 11 Curriculum Cycle 2
English - Literature	Revision Paper 1 & 2: "Macbeth", "A Christmas Carol", "An Inspector Calls" & Poetry
English - Language	Explore the writers' viewpoints and perspectives based on a range of adventurous non fiction texts

Mathematics	<p>Multiplicative reasoning Geometric reasoning Algebraic reasoning Transforming & constructing Listing & describing Show that...</p>
Science - Biology	<p>Homeostasis Inheritance, Variation & Evolution</p>
Science - Chemistry	<p>Crude oil & fuels Using resources, evolution of the atmosphere</p>
Science - Physics	<p>Waves Electricity and Magnetism Motor Effect</p>
History	<p>Edexcel British Depth Study: Early Elizabethan England, 1558-1588 (Paper 2, Option B4)</p>
Geography	<p>Living World and Resource Management</p>
Design and Technology - Engineering	<p>R014 Principles of Engineering Manufacturing</p>
Design and Technology - Hospitality & Catering	<p>Unit 1: The Hospitality Industry</p>
Health & Social Care	<p>Unit 1 Exam 16th January 2024. Health & well-being and development throughout the lifespan PIES - Physical, intellectual, emotional, and social development Choices and events Self-concept and personal development</p>
French	<p>Charity Work/Poverty Life at School & Post-16 Education</p>
ICT - Creative iMedia	<p>Creating an Interactive Media Product (Internally Assessed) Pre-production Planning Distribution Considerations</p>
Business and Enterprise	<p>Marketing (Externally Assessed)</p>
Music	<p>Coursework - Component 3: Responding to a Musical Brief</p>

Art	External Project
Physical Education	Net & Wall Aesthetical Activities OAA Fitness
Religious Education	Is assisted dying morally acceptable?
Film Studies	Analysis and contextual study of key scenes for The Lost Boys and Dracula and genre comparison unit NEA Intervention
Photography	Component 2 - Responding to a Starting Point from an Externally Set Assignment
PSHE	Intervention

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

Regards,

Steven Clough

Nisha Stephenson