



December 2023

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 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 6, for this cycle, we will revise in lessons to prepare for assessments in weeks 7 and 8. For Y11 the Cycle 2 assessments will be full Mocks in the examination hall. Students have received their Cycle 2 Knowledge Organisers. Students have been asked to keep their Cycle 1 Knowledge Organisers at home to support revision for Cycle 2 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.

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	Relationships in an Ecosystem Nutrition & Digestion

Science - Chemistry	The Earth's Structure The Earth & The Universe
Science - Physics	Energy Electricity & Magnetism
History	Norman Britain: <ul style="list-style-type: none"> • How did the Normans shape Britain? The significance of the Silk Roads: <ul style="list-style-type: none"> • What were the Silk Roads? What travelled the Silk Roads? • The significance of the Mongol Empire, their impact and influence
Geography	Brilliant Biomes <ul style="list-style-type: none"> • Ecosystems and biomes; distributions and characteristics • Plant and animal adaptations to world biomes • Challenges and opportunities in hot/cold deserts and tropical rainforests
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 second hand smoke? Which body parts are related to sexual reproduction and what are their functions? What are periods and how can these be managed? How does the body change through puberty? How can I maintain hygiene and dental health? What influences our body image and how can we practise self care? What is FGM and why is it so dangerous?

Subject	Year 8 Curriculum Cycle 2
English	Shakespeare (The Tempest)
Mathematics	Brackets, equations and inequalities Sequences Indices Fractions and percentages Standard index form Number sense
Science - Biology	Reproduction Inheritance, Chromosomes, DNA & Genes
Science - Chemistry	Chemical Reactions

Science - Physics	Energy Electricity & Magnetism
History	<p>Elizabethan England:</p> <ul style="list-style-type: none"> • A golden age? <p>How turbulent was the 17th century?</p> <ul style="list-style-type: none"> • Gunpowder plot, personal rule, the English Civil War, the execution of Charles I. Cromwell and the Protectorate, restoration and changing attitudes <p>The Transatlantic Slave Trade:</p> <ul style="list-style-type: none"> • African empires, origins of enslavement, the Triangular Trade Route, processes of enslavement and resistance.
Geography	<p>Wonderful Weather</p> <ul style="list-style-type: none"> • Climate and biomes • Climate change • Factors affecting UK weather • Extreme weather in the UK • Causes, effects and responses to tropical storms
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, Metals
French	School Life

Computing	How do we create a visual identity? Logo Design Photoshop
Music	Orchestral Music and Composing Musical Themes
Art	What is 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? Life 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 exactly is cancer? Is there anything we can do to avoid it?

Subject	Year 9 Curriculum Cycle 2
English	Class, Gender and Corruption (Poetry/Fiction/Non-fiction extracts)
Mathematics	Numbers Using percentages Maths and money Deduction Rotation and translation Pythagoras' Theorem

Science - Biology	Cell Biology Photosynthesis
Science - Chemistry	Reactions of Acids Earth & Atmosphere
Science - Physics	Energy Electricity & Magnetism
History	The British Empire <ul style="list-style-type: none"> • Origins, methods of colonialism, case studies of India and Australia and interpretations of empire. <p>Why was WW1 called the Great War?</p> <ul style="list-style-type: none"> • Causes, key events, how was the war fought and who fought it?
Geography	Urban World <ul style="list-style-type: none"> • Challenges and opportunities in an urban world • Causes and consequences of uneven development • Reducing the development gap
Design and Technology - Textiles	Oriental Inspired Night Light Shade Design: CAD, Repeat Patterns, Commercial Processes
Design and Technology - Food	Using an Increasingly Complex Range of Food Skills to Cook a Wider Range of dishes
Design and Technology - Electronics	Oriental Inspired Night Light Circuit and Casing: Electronic Components, Soldering, Using Sensors
French	Health & Healthy Lifestyles

Computing	How do we Program using Text Based Programming? - Python Programming
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 Language: Language Paper 2
Mathematics	Angles & bearings Working with circles Vectors Ratios & fractions Percentages and interest Probability
Science - Biology	Infection and response Bioenergetics
Science - Chemistry	Electrolysis Quantitative Chemistry
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 1933-1939 Key Topic 4: Life in Nazi Germany 1933-1939 Edexcel Period Study: The American West (Paper 2, Option P3) Key Topic 1: The early settlement of the West, c1835–c1862
Geography	AQA Paper 2 Changing Economic World; Global development and Nigeria as an example of a Newly emerging economy
Design and Technology - Engineering	R015 Manufacturing a One Off Product R016 Manufacturing 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?
Film Studies	Finding the Frame and The Hurt Locker (2009)- How cinematography and mise en scene create meaning. Global Film Representation of character, setting and theme 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	<p>Can tattoos and piercings be dangerous?</p> <p>How can I manage influences and risks relating to cosmetic and aesthetic body alterations?</p> <p>What are common mental health issues and which strategies could I use?</p> <p>What attitudes do people have around mental health? How can we support ourselves and others?</p> <p>Why do some people become homeless and why is homelessness on the increase?</p> <p>What are hate crimes and why do these still happen?</p> <p>What are the signs of addiction and how can we support ourselves and others?</p> <p>What are emergency first aid skills relating to CPR, defibrillators, wounds and choking?</p> <p>What impact can social media have on self esteem?</p> <p>What are the dangers of excessive screen time?</p>
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Subject	Year 11 Curriculum Cycle 2
English	Revision Literature: Paper 1 & 2: "Macbeth", "A Christmas Carol", "An Inspector Calls" & Poetry Language: Paper 1 & Paper 2
Mathematics	Multiplicative reasoning Geometric reasoning Algebraic reasoning Transforming & constructing Listing & describing Show that...
Science - Biology	Homeostasis Inheritance, Variation & Evolution Ecology
Science - Chemistry	Using Resources Evolution of the Atmosphere

Science - Physics	Waves
History	Edexcel British Depth Study: Early Elizabethan England, 1558–88 (Paper 2, Option B4) Edexcel Thematic study and historic environment: Crime and Punishment c1000-Present (Paper 1, Option 10)
Geography	AQA Paper 2 Option C : Resource Management; Water food and energy
Design and Technology - Engineering	R014 Principles of Engineering Manufacturing
Design and Technology - Hospitality & Catering	Unit 2: Hospitality and catering in action - NEA Unit 1: The hospitality and catering industry
Health & Social Care	Health & well-being and development throughout the lifespan PIES - Physical, intellectual, emotional, and social development Choices and events Self-concept and personal development
French	Charity Work/Poverty Life at School & Post-16 Education
ICT - Creative iMedia	Creating an Interactive Media Product (Internally Assessed) Pre-production Planning Distribution Considerations
Business and Enterprise	Marketing (Externally Assessed)
Music	Coursework - Component 3: Responding to a Musical Brief
Art	Detail /External Project

Physical Education	Net & Wall Aesthetical Activities OAA Fitness
Religious Education	Is assisted dying morally acceptable?
Film Studies	Developments in US film and comparative study- Dracula (1931) and The Lost Boys (1987)
Photography	Component 2 - Responding to a Starting Point from an Externally Set Assignment
PSHE	<p>What influences our mental health and how does this link to our values and identity?</p> <p>What are the nature, causes, and effects of stress, and what are effective stress management strategies?</p> <p>Why do we need sleep and how does sleep deprivation affect us? How can we cultivate a healthy self-concept and enhance self-efficacy through motivation, perseverance, and resilience?</p> <p>What are societal beauty standards, the risks associated with altering one's appearance and body image-related disorders?</p> <p>What is the impact of sexually explicit media on individuals?</p> <p>What are positive and negative risks and how can we make better decisions?</p> <p>Why is gambling so addictive and how do online gaming sites hook us in?</p> <p>Personal safety: keeping myself and my friends safe</p> <p>What do we need to know about fertility and our reproductive health?</p> <p>What is CPR? How do we perform this and find sources of life-saving help?</p> <p>What is grief and how do people deal with it?</p>

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

Regards,

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