

Year 10

Faculty	Subject	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
English	English	19 th century novel →guided by question format on LIT P1	Intro to fiction/non-fiction texts: critical/analytical skills Creative writing Optional links to themes/era for novel	Non-fiction: viewpoints & perspectives. Focus on 19 th century n-f texts	Intro to unseen poetry skills Poetry cluster	Shakespeare	Shakespeare
Maths	Maths	<p>Higher Tier:</p> <ul style="list-style-type: none"> • Angles • Solving Equations • Laws of Indices • Expressions • Fraction/Decimals <p>Foundation Tier:</p> <ul style="list-style-type: none"> • Angles • Scale drawing/Bearings • Arithmetics and Estimation • Factors/Multiples/ Primes • Expressions • Straight Line Graphs 	<p>Higher Tier:</p> <ul style="list-style-type: none"> • Straight Line Graphs • Rounding • Statistical Diagrams • Sequences <p>Foundation Tier:</p> <ul style="list-style-type: none"> • Decimals • Rounding • Statistical Diagrams • Sequences 	<p>Higher Tier:</p> <ul style="list-style-type: none"> • Percentages • Perimeter/Area • Real-Life Graphs <p>Foundation Tier:</p> <ul style="list-style-type: none"> • Percentages • Perimeter/Area • Ratio/Proportion • Real-Life Graphs 	<p>Higher Tier:</p> <ul style="list-style-type: none"> • Ratio/Proportion • Inequalities • Standard Form • Pythagoras' Theorem • Trigonometry <p>Foundation Tier:</p> <ul style="list-style-type: none"> • Properties of Polygons • Equations • Circumference and Area of Circles • Volume and Surface Area of Prisms • Scatter Graphs and Pie Charts 	<p>Higher Tier:</p> <ul style="list-style-type: none"> • Quadratics • Probability • Simultaneous Equations • Volume <p>Foundation Tier:</p> <ul style="list-style-type: none"> • Probability • Transformations • Congruence/Similarity • 3D Shapes 	<p>Higher Tier:</p> <ul style="list-style-type: none"> • Calculating Averages • Scatter Graphs • Unit Conversions • Constructions • Transformations <p>Foundation Tier:</p> <ul style="list-style-type: none"> • Laws of Indices • Calculating Averages • Constructions

Science	Science	<p>Taught in rotation</p> <p>Biology</p> <ol style="list-style-type: none"> 1. Cell biology 2. Organisation 3. Infection and response 4. Bioenergetics <p>Chemistry</p> <ol style="list-style-type: none"> 8. Atomic structure and the periodic table 9. Bonding, structure, and the properties of matter 10. Quantitative chemistry 11. Chemical changes 12. Energy changes <p>Physics</p> <ol style="list-style-type: none"> 18. Energy 19. Electricity 20. Particle model of matter 21. Atomic structure
	TS Chemistry	<ol style="list-style-type: none"> 8. Atomic structure and the periodic table 9. Bonding, structure, and the properties of matter 10. Quantitative chemistry 11. Chemical changes 12. Energy changes
	TS Physics	<ol style="list-style-type: none"> 18. Energy 19. Electricity 20. Particle model of matter 21. Atomic structure
	TS Biology	<ol style="list-style-type: none"> 1. Cell biology 2. Organisation 3. Infection and response 4. Bioenergetics

Humanities and Global	History	Unit 3 – Weimar and Nazi Germany. Stresemann, Dawes and Young plans. The Nazi party after the putsch and Hitler’s imprisonment. The impact of the Wall Street Crash and the Great depression. Nazi electoral success. Hitler becomes Chancellor and the consolidation of power. Practice of source skills and extended writing for the exam, including practice of interpretation questions.	Unit 3 – Weimar and Nazi Germany. How life changes under Nazi control. The Police state. Propaganda and censorship. Impact of Nazi policies on workers, women and children. Opposition to the Nazis. Treatment of minorities. Practice of source skills and extended writing for the exam, including practice of interpretation questions. Mock exam completed during this term for this unit.	Unit 1 – Crime and punishment through time c.1000-present. The historic environment – Whitechapel 1870-1900. Practice of source skills for the exam.	Unit 1 – Crime and punishment through time c.1000-present. Anglo Saxon and Norman crime, punishment and law enforcement. Crime, punishment and law enforcement c.1500- c.1700. Practice of source skills and extended writing for the exam.	Unit 1 – Crime and punishment through time c.1000-present. Crime, punishment and law enforcement c.1700- c.1900. Practice of source skills and extended writing for the exam.	Unit 1 – Crime and punishment through time c.1000-present. Crime, punishment and law enforcement c.1900- present. Practice of source skills and extended writing for the exam.	
	Geography	Hazards	Hazards/Urban Studies	Urban Studies	Physical Geography of the UK	Physical Geography of the UK	Ecosystems	
	Information Technology	Skills based on ECDL						
	Computer Science	Unit 1 Fundamentals of algorithms Programming Fundamentals of data representation	Unit 1 Fundamentals of algorithms Programming Fundamentals of data	Unit 2 Fundamentals of computer networks Fundamentals of cyber security	Unit 2 Fundamentals of computer networks Fundamentals of cyber security	NEA Practice	NEA Practice	

		Computer systems	representation Computer systems	Ethical, legal and environmental impacts of digital technology on wider society, including issues of privacy Aspects of software development	Ethical, legal and environmental impacts of digital technology on wider society, including issues of privacy Aspects of software development		
	MFL – French	Me, my family and friends Relationships with family and friends Home, town, neighbourhood and region	My studies Free-time activities Music Cinema and TV Food and eating out Sport	Social issues Healthy/ unhealthy living	Life at school/ college Customs and festivals in French-speaking countries/ communities	Travel and tourism Education post-16	Me, my family and friends Marriage/ partnership
	MFL – German	Me, my family and friends, relationships with others, views of marriage and future plans	Technology in everyday life, social media, internet safety, advantages and disadvantages of mobile phones	Free-time activities, Music and Film, eating out, describing and analysing eating habits Festivals, customs and culture in German speaking countries	Home, town, neighbourhood and region, talking about where you live now and your future plans, describing the facilities available in your city	Social issues – charity/voluntary work here and abroad, talking about what life was like when you were younger, healthy and unhealthy lifestyles	Travel and Tourism – holidays, accommodation, holiday activities
	MFL - Spanish	Me, my family and friends Relationships with family and friends Home, town, neighbourhood and region	My studies Free-time activities Music Cinema and TV Food and eating out Sport	Social issues Healthy/ unhealthy living	Life at school/ college Customs and festivals in French-speaking countries/ communities	Travel and tourism Education post-16	Me, my family and friends Marriage/ partnership

Creative and Expressive Arts	Drama	Exam content. Overview/component 1. Creating and developing a devised piece from stimuli.	Component 2 overview. Performance from text. Developing a portfolio.	Component 3 overview. Theatre Makers in practice.	Theatrical exploration of one complete overview. Live theatre evaluation.	Component 1. Devising. Preparation for exam component. Performance written evaluation.	Component 1. Continued.
	PE Core	Every student is required to participate in two hours of physical education per week as a core provision. There is a wide range of activities offering different experiences to suit the individual needs of our pupils. Some activities build on those covered in key stage 3, whilst others are new to the students, such as volleyball and trampolining. Students are expected to take responsibility in their lessons, taking on different roles such as performer, coach or official. Our aim in key stage 4 is to engage students in a healthy active lifestyle that they will hopefully go on to continue when they leave THS.					
	PE GCSE	Introduction to the course, expectations and procedures with regards to assessment. Start of unit 2 Physical Training to include components of fitness, principles of training and injury. Students will experience a range of different team sports and individual sports this year and build a portfolio of practical scores to help assist them when they come to choose their final 3 for moderation.	Continuation of unit 2 alongside end of unit test.	Unit 3 socio-cultural influences to include social groups, commercialisation and ethical and socio-cultural issues in physical activity.	Continuation of unit 3 alongside end of unit test.	Unit 4 Sports psychology to include goal setting, mental preparation, types of feedback and skill classification.	Continuation of unit 4 alongside end of unit test. Summer project set – AEP to be completed over summer in preparation for controlled assessment.
	Music	Course induction to include:		Assessment:		Controlled Conditions:	
	<ul style="list-style-type: none"> ▪ Theory Knowledge (how to listen – the elements; dictation; key signatures; textures; chords and basic harmony). ▪ Composition Basics (how to develop a melody; how to harmonise; how to use 		<ul style="list-style-type: none"> ▪ January Review ▪ Two Extracts + Wider Listening ▪ Ensemble Performance and optional solo performance (with teacher feedback) 		<ul style="list-style-type: none"> ▪ Year 10 listening paper (marks to include best solo and ensemble and composition task for realistic grade). ▪ Composition 1 (research and 		

	<p>Sibelius).</p> <ul style="list-style-type: none"> Two Extracts + Wider Listening (incl. how to analyse and annotate scores with regular listening practice and formal assessment). <p>Assessment:</p> <ul style="list-style-type: none"> Solo Performance (with teacher feedback) Assessed Composition Task (with teacher feedback) 		<ul style="list-style-type: none"> Composition Toolkits Listening Section B Comparison Question Comp 1 Research 	90% completion – provisional score and recording).		
Art	Developing skills in using a wide range of media and drawing techniques to document natural objects.	Researching artists and exploring techniques used for clay working.	Clay work continued including glazing.	Mock exam development based around a related given theme.	Mock exam followed by Continued development of coursework work based on mock grade.	Initial work on portraiture skills ready for year 11.
Design Technology	New and emerging technologies. Developing a knowledge and understanding of manufacturing processes	Development of specialist technical principles to design and make a clock inspired by the work of others. Assessment of practise NEA work.	Energy, materials, systems and devices. Use specialist principles to solve a design problem	Materials and their working properties 1. Assessment of practise NEA work	Materials and their working properties 2.	Non examined assessment task (coursework)
Food Preparation and Nutrition	Introduction to course. Skills. Nutrition. Health and Safety. Microwaves. Using electrical equipment. Cooking for different dietary needs.(1) Sensory evaluations. Protein	Starch based sauces. Different types of. Novel proteins. Alternative proteins. Fish, types of, cooking and reparation.	High protein meals. Meals nutrient rich. Focus on calcium and iron. Gastro style cooking and presentation. Gluten free	Special dietary needs (2), Pregnancy, the elderly. Heat transfer methods. Cooking methods. Functional and chemical properties in	Emulsification. The energy needs of different groups. PALs, BMR, Food provenance. Farming, types of and ethics, Environmental issues associated	Omega 3 oils and food. Cooking for health. Substituting ingredients. Labelling and marketing. Using a grill. Marinades. Micro organisms, food storage and

		complementation.	Carbohydrates, types of and their function in the diet. Dietary fibre and water. High fibre cookery. Fat in the diet. Health risks. Pastry, types of. Function of ingredients. Pastry investigations. The function and use of eggs in cooking. Minerals and vitamins. Anti-oxidents. Celebration cooking.	cookery. Food intolerances and allergies. The Big Six. Health problems that can be controlled by healthy eating.	baking, raising agents. Dextrinisation and caramelisation	with food production. Sustainability. Processing and production. British and international cookery. Doughs, gluten, kneading and extrusion. Reduction sauces. Steaming.	spoilage. Yeast mixtures. Choux pastry. Sensory testing and food panels.
	Engineering		Structures and mechanical systems. Solving a design problem that uses structures and mechanisms.	Electronic and electrical systems.	Aerodynamics. Impact of new technologies and engineering industries. Pneumatic systems.	Materials (polymers and composites). Manufacturing methods.	Non examined assessment task (coursework).

Social Sciences	Personal Development	Prejudice and Diversity (Disability, Islamophobia, homophobia) BRIT VALS		Drugs SMSC MHEW		Sex and Relationships education SMSC MHEW	
	Religious Studies	Unit 1: Human Relationships			Unit 2: Animal Rights		
	Economics	Main economic groups, factors of production, basic economics problem and role of markets	Supply and demand	Price and competition	Competition and Production	Labour markets. Money and the financial sector	Economic growth. Low unemployment
	Business Studies	Unit 4. Customer Service	Unit 4. Customer Service	Unit 4. Customer Service	Unit 1. Enterprise in the Business World	Unit 1. Enterprise in the Business World	Unit 1. Enterprise in the Business World
	Philosophy and Ethics	Paper 1 Unit 1: Issues of Relationships	Paper 1 Unit 2: Issues of Life and Death		Paper 1 Unit 3: Issues of Good and Evil	Unit 4: Issues of Human Rights	
	Child Development	RO18: Health and Wellbeing for Child Development RO:19 Research Task					RO18: Health and Wellbeing for Child Development RO:19 Research Task