Year 10 Termly Learning – 2026-27

	Year 10					
	Term 1	**Term 2**	**Term 3**	**Term 4**	**Term 5**	**Term 6**
English	**Focus: Macbeth** This classic Shakespearean tale is used to enthuse readers into the timeless themes of ambition and power. Throughout this unit lessons will be contrasted with preparation for Functional Skills. Some groups will do an alternative text: Ghost Boy as a high interest text		**Focus: Modern Literature Text** During this unit the students will study one of the GCSE Literature texts to focus on using reading to broaden understanding of key themes. The texts will also be used as a platform to develop key exam skills, both for Functional Skills and GCSE Language.		**Focus: Extracts** Students will work through a series of themed extracts which are selected to support the understanding of GCSE papers. There will be a range of 19th, 20th and 21st century texts as well as fiction and non-fiction. During these terms the students will begin to practise the key assessment objectives for GCSE Language.	
Maths HW	**Entry Level Mathematics** coursework/Exam - Component 1- Number Component 2-The Four operations	**ELC** Component 3- Ratio ELC Component 4- Money	**ELC** Component 5 – the calendar and time Component 6 – Measures	**ELC** Component 7- Geometry Component 8- Statistics	**Grade 1 GCSE** • Place value • Time • Negative numbers • Powers and roots • BIDMAS • Factors and multiples	**Grade 1 GCSE** Writing and simplifying fractions Coordinates Pictograms Addition and subtraction Multiplication and division Rounding Systematic listing **Review and recap in preparation for Year 11**

Maths BC	Constructions and congruency Numbers Use percentages	Maths and Money Deduction Rotation and translation	Pythagoras Enlargement and Similarity	Solve ratio and proportion problems Rates	Probability Algebraic representation	Circle geometry Polygon geometry
Maths AC	Place value and ordering numbers Comparing numbers BIDMAS Multiplying integers and decimals Dividing integers and decimals Adding and subtracting integers and decimals All four operation with negative numbers Adding and subtracting fractions	Percentage of an amount (Calculator and non-calculator) Percentage increase and decrease Expressing one quantity as a percentage of another Percentage change Converting Fractions, decimals and percentages	*Term 3* *Rounding to 1,2 and 3 significant figures* *Estimating* *Forming algebraic expressions* *Substitution* *Expanding brackets* *Factorising expressions* *Expanding double brackets* *Factorising a quadratic* *Solving equations including with brackets*	Solving equations with unknowns on both sides including brackets Angles Angles in triangles Sum of interior angles of a polygon Interior and exterior angles in regular polygons Angles in parallel lines Angles on quadrilaterals Bearings Area and perimeter of rectangles Area and perimeter of compound shapes	Area of a parallelogram and trapezium Parts of a circle Circumference of a circle Area of a circle Solve problems involving semi-circles Volume of a cube and cuboid Volume of a prism Surface area of a cube and cuboid	Pythagoras Theorem Trigonometry Rotational symmetry Translations Reflections Rotation Enlargement Mixed transformations

	Multiplying and dividing fractions Fractions of an amount One amount as a fraction of another and fractions on a calculator	Reverse percentages Product of prime factors Finding HCF and LCM using Venn diagrams Powers and roots Use of powers – square roots, cube numbers and cube roots Basic calculations on a calculator		Area of triangles	Surface area of triangular prisms Volume of a cylinder Surface area of a cylinder	
Science GCSE **Biology** **Chemistry** **Physics**	**Natural Selection** **Groups in the Periodic Table** **Light & EMS**	**Genetics** **Groups in the Periodic Table** **Light & EMS**	**Genetics** **Reaction Rates** **Radioactivity**	**Health, Disease & Medicines** **States of Matter** **Energy Forces doing work**	**Health, Disease & Medicines** **Fuels & Earth Science** **Electricity & Circuits**	**Plant Structure /Function** **Fuels & Earth Science** **Electricity & Circuits**

Computing (BTEC DiT 1st Year)	**Component 1** **Exploring User Interface Design Principles and Project Planning Techniques** Learning about the different types of interfaces, accessibility needs, planning and designing interfaces.	***Component 1*** **Exploring User Interface Design Principles and Project Planning Techniques** *Controlled Assignment* *(Set by exam board)*	***Component 2*** ***Collecting, Presenting and interpreting Data*** *Learning about different types of data and information, the importance of accurate presentation and data manipulation techniques.*
History	**Introduction to entry Level History and GCSE history** • Entry level history to be taught alongside GCSE as topics compliment each other topics chosen: • Topic 2: The people's health • Topic 2: Germany 1925-55	**Paper 2: Early Elizabethans 1558 – 1588** Including: Queen, government and religion 1558 – 1569 Challenges to Elizabeth at home and abroad 1569 – 1588 Elizabethan society in the Age of Exploration 1558 – 1588 **Entry level assessment**	**Paper 1: Medicine through time** **c. 1250 – present** Including: Medicine in Medieval England Medical Renaissance in England Medicine in the 18th & 19th centuries Medicine in modern Britain The British sector of the Western Front, 1914 – 1918: injuries, treatments & trenches **Entry level assessment**

PE	**Focus – Reading an opponent's physical actions and reacting to them.** This termly focus will be introduced, development and improved through the following physical activity rotation: Tag Rugby, Table tennis, Badminton, Basketball, Dodgeball, Fitness, Kabaddi, Football, Bench ball, Handball, Volleyball, Pickle ball, cricket, speed stacks, stool ball & Tennis.	**Focus - The tactics of defending.** **Sports Leadership.** This termly focus will be introduced, development and improved through the following physical activity rotation: Tag Rugby, Table tennis, Badminton, Basketball, Dodgeball, Fitness, Kabaddi, Football, Bench ball, Handball,	**Focus - The tactics of attacking.** **Sports Leadership** This termly focus will be introduced, development and improved through the following physical activity rotation: Tag Rugby, Table tennis, Badminton, Basketball, Dodgeball, Fitness, Kabaddi, Football, Bench ball, Handball, Volleyball, Pickle ball, cricket, speed stacks, stool ball & Tennis.	**Focus – Analysing another team / person's tactics and counteracting them.** **Sports Leadership** This termly focus will be introduced, development and improved through the following physical activity rotation: Tag Rugby, Table tennis, Badminton, Basketball, Dodgeball, Fitness, Kabaddi, Football, Bench ball, Handball, Volleyball, Pickle ball, cricket, speed stacks, stool ball & Tennis.	**Focus – Gaining an advantage over an opponent.** **Sports Leadership** This termly focus will be introduced, development and improved through the following physical activity rotation: Cricket, Handball, Basketball, Dodgeball, Football, Stoolball Rounders, Shot Putt, Ultimate Frisbee. Pupil Choice	**Focus – Fielding techniques and positioning in the field.** **Sports Leaders** This termly focus will be introduced, development and improved through the following physical activity rotation: Javelin, Shot Putt, Long jump, Speed stacks, Sprinting, Relay, Cricket, Dodgeball, Football, Stoolball Rounders, Curling, boccia, & Ultimate Frisbee.

		Volleyball, Pickle ball, cricket, speed stacks, stool ball & Tennis.				
Year 10:- B-Tec Food and Nutrition Level 1	**<u>Focus:</u>** **<u>The importance of meal planning</u>** The students focus on learning how to plan a meal based on the main sections of the Eat Well Guide, they will learn what ingredients go on each section and the main nutrients, they will also learn about food labelling freshness, bacteria prevention, budgeting when shopping and identifying free range and organic products. The pupils will also take part in weekly practical lessons that fit the subject and encourage independence.	**<u>Focus: the importance of carbohydrates dietary fibre and fats.</u>** As well as weekly practical lessons that fit in with the subject the students will learn Food storage and safe food temperatures, how to prevent food poisoning, identifying small and large pieces of kitchen equipment at their uses. Identifying where our ingredients	**<u>Focus: Understanding the importance of vitamins and minerals in our diets.</u>** The students will continue to take part in practical lessons to help improve skills and independence and will also learn how to Identify food trends, micronutrients and macronutrients. Identifying how to prevent iron deficiency. Food pricing.	**<u>Focus Practice NEA (Subject theme to be confirmed).</u>** For this part of the students course they will be completing coursework where they will plan prepare and cook a main course meal set to a subject.	**<u>Focus</u>** **<u>Plan and prepare a meal suitable for a chosen group</u>** For this part of the students work they will be finishing up coursework and completing the practical exam.	**<u>Focus mock exam and how our bodies get energy from the nutrients we consume.</u>** The students will explore how to change diets to make them healthier by adding fibre or reducing sugar and fat intake. There will also be practical cooking lessons to continue learning skills and encouraging independence.

		come from, identifying religious and cultural diets and traditions.				
ACD	**Focus** **Welcome collection brief- From Atoms to Patterns** Students will be given their design brief from their clients **The Welcome Collection** commissioning them to design and make a range of products based on microscopic and cellular imagery. Students will produce a range of outcomes based on their research. They will be introduced to a	**Focus** Continued from T1 They will develop practical art, craft and design skills. They will explore a range of artists, craftspeople and designers from the past to present. This it is hoped will be integral to their research,	**Focus** Continued from T1 and 2 Outcomes include: • Enamelled and cast pieces • Silk painting • Photography and photoshop work • Ceramic tiles	**Focus** **Howletts Design brief** Students will be given their design brief from their clients Howletts Zoo commissioning them to design and make a range of products for them. Students use sketchbooks to record their observations, ideas, feelings and insights. They work in a range of sizes and use a selection of media, techniques and materials Students are introduced to critical and contextual material in order to develop an understanding of the range of techniques used in historical and contemporary art and design.	**Focus** **Howletts Design brief (continued)** Students will produce a variety of outcomes based on their research. They will be introduced to a range of media and different 2D and 3D techniques and processes which will lead to specific outcomes (lino prints, etched acrylic lamp using).	**Focus** **Externally set assignment (exam practice)** Students will be given a past paper with a range of starting points on, choosing one. They will be supported through the preparation and the development of their ideas, experimenting with a range of media and materials, refining and

	variety of media and different 2D and 3D techniques and processes which will lead to specific outcomes (e.g enamelled and cast pieces, silk painting / textiles, ceramics, glass fused products...)	designing a making process.				developing their work as it progresses. They will be expected to cover all of the 4 Assessment Objectives. They will produce an outcome realising their intentions.
Photography Yr 10	**Focus** week 1&4 intro to DSLR and camera settings pupils make drawings of a camera and label the knobs and buttons and describe the function of the camera. Sketch book page zooming in, auto and manual settings. Using the Menu and camera settings Weeks 5&6 position and point of focus Pupils learn how to focus a camera using	**Focus** Weeks 7&8 saving and printing images file management printing images using contact sheets Weeks 9&12 understanding aperture practical uses depth of field practical demonstrations Sketch book page show	**Focus** Week 1-3 understanding shutter speed practical uses and capturing movement Sketch book page Shooting out doors (windy day) shutter speeds Moving objects class room splashes and water sharp or misty Weeks 4-6 understanding ISO aperture practical uses	**Focus** Weeks 7-12 composition and photography rules **Top Photography Composition Rules You Need To Know** • Don't Cut Off Pupils explore the rules taking photographs and identifying the rules in sketch books ● Take pictures demonstrating your use of the Rule of Thirds ● Select one or two	**Focus** Weeks 1-3 AO3 create and print contact sheets Selecting the best photos from a contact sheet. Adjusting the size and quality of a print. Printer settings printing to different papers Weeks 4-6 exploring light experimental	**Focus** Weeks 7-12 introduction to portraiture lighting patterns Studio lighting 2 or more lights understanding how to light a person when the light can be controlled to create a sense of mood and drama. Or enhance a personality.

	manual focus and using focusing dots use photo selection points. Practical uses focus in many areas and Sketch book page	depth of field by shooting a space at different F stops Exploring light triangle advanced	low light conditions granny photos Sketch book page	images and annotate with grid lines (using Pages or Google Documents) ● evaluate - what have you learned? ● Demo how to use the crop tool in Photoshop using the Rule of Thirds. **Understanding what not to do** Can a photograph be wrong? Look at examples of bad photographs. What is 'wrong' about them? Create deliberately 'wrong' photographs and explore the 'rules' of photography. What do students already know (or think they know) about photography?	Light experiments using slow shutter speeds Light restricted spaces and light sources such as glow sticks and LED's To create experimental photographs **Chance unpredictable outcomes**	

Learning for Life	**Transition to KS4** Relationship with yourself and others. Examine healthy and unhealthy role-models in sport and on screen. 	**Yr10 Student Council campaigns and election.** **The Basics of Budgets and banking for a young person** (income and expenditure, support available). Gambling – Financial Health 'Wanna bet?' **<u>Anti-bullying:</u>** Including pressure to send/receive nudes*	**Health MOT** Healthy Habits vs Addiction Body Image / Disordered Eating Sexual Health Part 1	**The Right to Belong** Communities, belonging and challenging extremism. Investigating the experiences of young asylum seekers and refugees.	**First Aid:** Bleeding, Shock and Chest Pains. Choking, CPR, AEDs; Bone. Muscle and Joint Injuries.	**RSHE Balancing Act** Physical desires, Emotional needs and Safety *Consent and Coercion. Change, Grief, Loss/Endings 

Music	**Introduction to Bronze Arts Award run by Trinity College** **Part A – Take Part** Provide opportunities for students to work as part of an ensemble both in school and as part of the KSENT joint performance which will take place later in the year	**Part B – Be the audience** Provide opportunities for the students to attend live music performances – Canterbury Festival	**Part C – Arts Inspiration** To select and research an artist who inspires you musically	**Part D – skills share** To be able to reinforce a musical skill To plan how to share with someone else To record how best to measure this		**Introduction to Silver Arts Award run by Trinity College** To be able to identify the units required for achievement of this level award
Drama	**Focus Teamwork** To improve skills in working as team to create a piece of Drama	**Focus Devising** To improve ability to create pieces of drama from various stimuli	**Focus: Unit 3 Acting Skills** Learning aim A: Explore and develop your acting skills and review your own practice	**Focus Unit 3 Acting Skills** Learning aim A: Explore and develop your acting skills and review your own practice	**Focus Unit 3 Acting Skills** Learning aim B: Demonstrate technical skills and techniques during a production process	**Focus Unit 3 Acting Skills** Learning aim B: Demonstrate technical skills and techniques during a production process

Construction	Gateway Level 1 Certificate in Skills for Construction 90mins a week face to face teaching time The qualification is designed to help learners understand aspects of the construction industry and the skills required to work successfully in the industry. Units covered within the qualification will include; Health and Safety, Painting and Decorating and Carpentry, with tasters of Electrical installation and Plumbing.
Skills for Independent Living	Gateway Entry Level 3 Certificate in Skills for Independent Living 90mins a week face to face teaching time The qualification will support students to develop their communication and transition into a college environment whilst developing their independence. This qualification focusses on the skills needed for employment, independent living, further learning or adult life in general. The units are focused on; Personal and Social Skills, Employability Skills and Learning Skills.