

SUNNYDOWN SCHOOL

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Year 10 - Monday to Thursday						
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Maths Pathway 1	4 operations Area/ perimeter/ volume Fractions, decimals and percentage- % increase/ decrease	4 operations Area/ surface area Fractions, decimals and percentage- change	Transformations Ratio and proportion Functional maths preparation	Pythagoras Nth term/ number patterns Angles	Straight line graphs 2D/ 3D shapes- Nets, plans and elevations Rounding/ Significance	Standard form/ BIDMAS Angles Circles
Maths Pathway 2	4 operations Area/ surface area Fractions, decimals and percentage- change	Probability- Tree diagrams and estimating Linear/ simultaneous equations Statistical diagrams	Transformations Ratio and proportion Functional maths preparation	Pythagoras Trigonometry Angles, congruence and proof	Straight line graphs 2D/ 3D shapes- Nets, plans and elevations Rounding/ Significance- upper and lower bounds	Standard form/ BIDMAS Angles/ proof Circle theorems
https://qualifications.pearson.com/en/qualifications/edexcel-gcses/mathematics-2015.html						
English Pathway 1	Approaches to 'Unseen Prose'; an anthology of 20th/21st century extracts. Preparation for Functional Skills.	Approaches to descriptive and narrative writing.	Evaluation skills.	Approaches to non- fiction literary prose. 19th – 21st century extracts. Summary skills.	Approaches to non-fiction writing e.g. persuasive/argumentative writing.	Approaches to non-fiction literary prose. 19th – 21st century extracts. Comparative skills.
English Pathway 2	C20th & C21st fiction/literary non- fiction texts.	Functional Skills.	Writing to present a point of view.	C19th Non-Fiction texts.	Literary Fiction and non-fiction comparisons.	
	LIT: BLOOD BROTHERS		LIT: A CHRISTMAS CAROL		LIT: POWER & CONFLICT POETRY	
https://www.aqa.org.uk/subjects/english/functional-skills https://www.aqa.org.uk/subjects/science/gcse/combined-science-trilogy-8464						
Science	Cell Biology, Atomic Structure.	Bonding and Structure, Energy.	Organisation, Electricity.	Chemical Changes, Infection and Response.	Particle model of matter, Energy Changes.	Atomic Structure, Bioenergetics.
https://www.aqa.org.uk/subjects/english/gcse						
Art	Introduction into the GCSE specifications. Identity project to investigate and select GCSE pathway.	Continuation of the Identity project using contextual research to refine and input ideas.	Surrealism. Looking at a variety of Surrealist artists and photographers to develop and refined various art outcomes.	Completion of Surrealism and final piece. Development of ideas to input and refine a final outcome.	Book Art. Looking at text in art, advertising and illustration to create various visual responses.	Completion of the Book Art project. Using research and development to complete a final piece.
https://www.eduqas.co.uk/qualifications/art-and-design/gcse/						

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Design Technology	DVD/ game storage box. A larger in-depth project requiring a written portfolio of evidence as well as a larger final practical task. This project prepares students for the demands of completing Year 11 course work.		Finger joint boxes. Students will learn how to create a finger jointed pine box. Some students will complete an accurate dove tailed joint as well.	FM radio project. Students will solder a FM radio circuit and design and make an attractive, individual radio case using materials and processes of their choice.		Introduction to GCSE coursework. (AQA Design Technology) Students will have the options for their coursework explained and given time to explore options and complete research to think up some initial ideas for the product.
https://www.aqa.org.uk/subjects/design-and-technology/gcse/design-and-technology-8552						
Food Technology	Introduction to the BTEC course. Breakfasts and packed lunches.	Portfolio building. Soups and their nutritional benefits, salads and bread making.	International cooking. Vegetables and the effect of different cooking methods.	Portfolio building. Pasta and the benefits of carbohydrates. Mince and its uses and vegetarian options.	Rice and staple foods. Preparation and completion of Level 2 Food Safety Award to enable pupils to work in the Burger Van at various events.	Quick cook meats. Using the grill and a barbeque. Puddings and their nutritional value.
https://www.virtual-college.co.uk/courses/food-hygiene-courses/level-2-food-hygiene-for-catering https://qualifications.pearson.com/en/qualifications/myskills/btec-home-cooking-skills.html						
PE	Individual sports, football, the musculo-skeletal system.	Individual sports, basketball, the cardio-respiratory system.	Individual sports, basketball/football, movement analysis.	Individual sports, ultimate frisbee, components of fitness, the principles of training and injury prevention.	Individual sports, cricket/rounders, health, fitness and well-being.	Individual sports. Athletics/wide games, exam techniques.
https://qualifications.pearson.com/en/qualifications/edexcel-international-gcse-and-edexcel-certificates/international-gcse-geography-2017.htm https://qualifications.pearson.com/content/dam/pdf/GCSE/Physical%20Education/2016/Specification%20and%20sample%20assessments/9781446933794-gcse016-l2-pe-ppac.pdf						
DIY	Craft fair making: Creating small pieces of work that can be sold at Christmas craft fairs.	Bicycle maintenance: M check for bicycles to test road worthiness. Puncture repair.	Dry walling: Build a dummy plaster board wall, tiling, coving, skirting board. How to lay laminate floor. Fitting electrical sockets in to plaster board. Budgeting and hardware shop visit.	Wallpapering: Removing wallpaper, hanging lining paper, hanging new wallpaper, matching patterns. Budgeting and hardware shop visit.	Brick laying: Mixing cement, laying bricks, keeping a level. Laying a wall corner. Rendering: Mixing a render and applying to wall.	Paving and decking: Creating foundations, mixing base layer, laying paving level. Building decking foundations, attaching decking planks.
Creative Media	Microbits: The pupils will cover the basics of coding the BBC Microbits with a view to design and create a game using the knowledge from over the previous weeks.	Media Studies: The pupils will look at various aspects of media (Film, Radio, Posters) then create a form of media to be displayed on the form time page.	Science Fiction and Astronomy: The pupils will consider how science fiction is used in films and apply real scientific ideas and compare the difference. We will also look at how Science Fiction has influenced technology.	Fantasy and Mythology: To create a magazine/comic based on fantasy and mythology. We will explore Greek, Norse and Roman mythology.	History (1945 onwards): The pupils will look at the advancement of technology driven by changes in international relationships and how military technology has filtered down to civilian use over time. Examples include satellite navigation and medicine. We will continue on to create our own technologies for the future.	Music (inc. Photography, film, radio): The pupils will choose a genre and piece to create a music video. There will be opportunities to look at the filming, producing and starring in the video.

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PSHE	What's good about me? Emotional literacy, self-esteem and supporting others, Mental health. (Cit./RE) Life after death and religion and race. Bullying, stereotypes and prejudice, dilemmas.		Smoking, Citizenship - apprenticeship talk, alcohol, drugs E-safety. (RSE) relationships, types of relationships, E-safety/sexting, STIs, and contraception.		(RSE) Teenage pregnancy. E-safety online gaming, street safety/knife crime, careers - future planning, careers - record of achievement, how to achieve economic wellbeing, Enterprise, SMSC week planning/team building, gambling, looking to future and review.	

