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Nurturing Ambition – Celebrating Diversity

DCIS IB Year 12 Curriculum Map 2019-2020

	Term 1.1	**Term 1.2**	**Term 2.1**	**Term 2.2**	**Term 3.1**	**Term 3.2**
English SL Lang/Lit	Home Fire - Analysis of Novel 2 hrs a week	The Language of Inclusion/ Exclusion 2 hrs a week	Essay Writing 1 hr a week	Global Issues Gender in Home Fire and Wilfred Owen 2 hrs a week	The Handmaid's Tale	Oral Prep 4 weeks
	The Language of War Wilfred Owen 2 hrs a week	Wilfred Owen - Analysis of Poetry 1 hr a week	Global Issues Identity/ Representation in Home Fire and Wilfred Owen 2 hrs a week	Language - Paper 1 1 hr a week	Persepolis	Oral Prep 4 weeks
HL Lang/ Lit	Home Fire and the Language of Inclusion/ Exclusion	Wilfred Owen and the Language of War	Macbeth and the Language of Gender	Global Issues	The Reader and the Language of Identity	Oral Prep & The Handmaid's Tale
HL Lit	Circe The World's Wife - Essay focus	The World's Wife - Oral focus Home Fire	Therese Raquin Wilfred Owen - Oral focus	Wilfred Owen - Essay focus Macbeth - Essay focus	River in Darkness - Oral focus The Things They Carried - Essay focus	The Bloody Chamber Oral Prep

Maths Year 12 Application & interpretation Higher-level	Functions, calculus, statistics, and probability	Sequences and Series, Exponents and Logs, Finance technology, Solving equations using tech, Number & algebra	Venn diagrams and probability, distributions, Number & algebra, functions	Spearman and Pearson coefficients, P-values, Hypothesis testing, Functions, geometry & trigonometry	Function modeling, simultaneous equations (using tech), non-right angled trigonometry, Geometry & trigonometry, statistics & probability	
Year 12 Analysis & approaches Higher-level	Functions, calculus, statistics, and probability	Sequences and Series, Exponents and Logs, Sums, Binomial Number & algebra	Modeling, Graphing, discriminates, reciprocals, technology, Transformations, Number & algebra, functions	Circles - radians, Unit Circle, Identities, Transformations, Functions, geometry & trigonometry	Exponentials and Chain rule, Differentiation Application, Integration, Definite Integrals, Technology application Geometry & trigonometry	
Science	IB Biology: 1. Cell Biology 2. Molecular Biology IB Chemistry: 1.Stoichiometric Relationships 2.Measurement, Data Processing and Analysis (SL) 3.Atomic Structure (SL) IB Physics: Mechanics (core topic 2) IB ESS: Foundations of environmental systems and societies (topic 1)	IB Biology: 3. Metabolism, Respiration & Photosynthesis (AHL) IB Chemistry: 4.Chemical Bonding and Structure (SL) 5.Periodicity/ Transition Metals Chemistry (SL) IB Physics: Oscillations and waves (core topic 4) Thermal physics (core topic 3) IB ESS: Ecosystems and ecology (topic 2)	IB Biology: 4. Nucleic Acids (AHL) 5. Human Physiology IB Chemistry: 6.Energetics/ Thermochemistry (SL) 7.Chemical Kinetics (SL) IB Physics: Circular motion and gravitation (core topic 6) IB ESS: Ecosystems and ecology (topic 2)	IB Biology: 6. Animal Physiology IB Chemistry: 8.Equilibrium (SL) 9.Acids and Bases (SL) IB Physics: Electricity and magnetism (core topic 5) Energy production (core topic 8) IB ESS: Biodiversity and conservation (topic 3)	IB Biology: 7. Ecology Option D Ecology and Conservation IB Chemistry: 10. Redox Processes (SL) 11. Organic Chemistry (SL) IB Physics: Atomic, nuclear & particle physics (core topic 7) IB ESS: Water and aquatic food production systems and societies (topic 4) INTERNAL ASSESSMENT FIELD TRIP	IB Biology: 8. Mock Exams IB Chemistry: 12. MOCK EXAMINATIONS IB Physics: Wave phenomena AHL (topic 9) IB ESS: Soil systems and terrestrial food production systems and societies (topic 5)

Geography	Unit 1 Core: Changing Populations HL Extension Unit 4: Place, Power, Processes	Unit 1 Core: Changing Populations HL Extension Unit 4: Place, Power, Processes	Unit 2 Core- Climate change HL Extension Unit 4: Place, Power, Processes	Unit 2 Core- Climate change HL Option E: Leisure, Tourism and Sport	Option G: Urban Environments HL Option E: Leisure, Tourism and Sport	Option G: Urban Environments HL Option E: Leisure, Tourism and Sport
History	10. AUTHORITARIAN STATES PAPER 2 HL: ITALY AND GERMANY 1815 - 1890 PAPER 3	10. AUTHORITARIAN STATES PAPER 2 HL: iTALY AND GERMANY 1815 - 1890 PAPER 3	10. AUTHORITARIAN STATES PAPER 2 HL: iTALY AND GERMANY 1815 - 1890 PAPER 3	COLD WAR PAPER 2 HL:IMPERIAL RUSSIA 1855 -1924 PAPER 3	12. COLD WAR PAPER 2 HL:IMPERIAL RUSSIA 1855 - 1924 PAPER 3	COLD WAR PAPER 2 HL:IMPERIAL RUSSIA 1855 - 1924 PAPER 3
Business studies	1.1 Introduction to business management 1.2 Types of organizations 1.3 Organizational objectives 1.4 Stakeholders	1.5 External Environment 1.6 Growth and evolution 1.7 Organizational planning tools *HL only	4.1 The role of marketing 4.2 Marketing planning 4.3 Sales forecasting	4.4 Market research 4.5 The 4 Ps (7 Ps HL) 4.6 The 7 Ps Case Study *HL only 4.7 International Marketing *HL only 4.8 E-commerce	3.1 Sources of Finance 3.2 Cost & Revenues 3.3 Break Even analysis	3.4 Final accounts *some HL only 3.5 Ratio analysis Internal Assessment

		Skills based workshops	Assignment 1: 'One object, many ways'	Comparative Study.	Independent investigation	Independent investigation
Visual Arts	**'Where have we come from, where are we now, where are we going?'** **Introductory project.** **Understanding the Process Portfolio** The Process Portfolio, or PP, is 40 % of the final mark and it is the testimony of the student's artistic journey during the course. It is not intended to be of polished, refined, or even resolved work; The PP is a collection of carefully selected materials which document the student's experimentation, exploration, manipulation and development of a variety of visual arts activities during the two-year course. ● Workshops investigating different media.	Painting Printing Drawing Photoshop 3D explorations Students will be expected to continue to document their progress via 'slides'	This will form the beginning of the students own independent investigations. Students will work in their Visual Portfolio and will use some of the skills developed during the workshops in term 1.1. Larger more 'final' pieces will also be created at this time for the exhibition in year 13. Students will be expected to continue to document their progress via 'slides'	The Comparative Study is an independent, critical and contextual investigation that explores artworks from differing cultural contexts. The CS is one of the **3 assessed components** required by the Visual Arts Curriculum and it constitutes 20% of the final mark. It is basically a comparative, analytic investigation that strikes a balance between visual and written. This will be presented as a PDF and viewed by examiners on computer screens; (landscape format recommended)	Students will devise an open question from which they will explore visual investigations. During this time they will continue creating slides to document their progress and will create more 'final pieces ready fo their exhibition for year 13.	Students will devise an open question from which they will explore visual investigations. During this time they will continue creating slides to document their progress and will create more 'final pieces ready fo their exhibition for year 13.

	Painting Printing Drawing Photoshop 3D explorations ● Understanding how to create a 'process portfolio slide'					
Music	**Development of Harmonic and Melodic Theory and MLI** Composition activities and exercises. Musical Links Investigation.	**Renaissance and Middle Eastern Music** The Renaissance influences on Western music World Music – West African Rhythms Middle Eastern Melodies	**The Baroque Period and Oriental Music** Music of J.S. Bach, Handel, Purcell, and Vivaldi. Traditional Japanese, Chinese and SEA Music.	**Performance Recital & Composition** Solo and Ensemble recital preparation and performances	**The Classical Period and Latin American Music** Haydn, Mozart and early Beethoven. Sonata form, and theme & variation. Calypso, Afro-Cuban, Samba, Tango and Andes Music.	**Early and Late Romantic Period and Gamelan Music** Wagner, Tchaikovsky, Schubert, Debussy 3rd period of Beethoven. Modulation and development of orchestration. Balinese & Javanese cycles and modes.
Theatre	Introduction to course Development of personal context through workshop exploration. Introduction to use of Theatre Journal as a tool for reflection.	Development of Skills and Knowledge Exploration of theorists. Theatre Review and identification of moments of TEAM.	Task 3: Research Presentation Exploration of World Theatre Traditions. Understanding of moment of theatre. Development of research techniques	Task 3: Research Presentation Development of final presentation.	Task 4: Collaborative Project Exploration of devising companies. Understanding of devising theory and techniques.	Task 4: Collaborative Project Development of final performance and portfolio.

French	Theme 1 - Identities -Who am I? -Wellbeing -Health	Theme 2 – Experiences -Leisure activities -Travels -Migration	Theme 3 – Human Ingenuity -Ingenious ideas and innovations -Expressing yourself in a creative way -Immersion in the world around us	Theme 3 – Human Ingenuity -Ingenious ideas and innovations -Expressing yourself in a creative way -Immersion in the world around us	Theme 4 – Social Organisation -Relationships -Community -Social engagement	Theme 5 – Sharing the planet -Being a global citizen -The environment on a global level -The big environmental challenge
Mandarin	IBDP Language B Theme 1: Identities Unit 1 to 5: Lifestyles, Health and Well-being, Language and Identity, Subcultures, Beliefs and Values		IBDP Language B Theme 2: Experiences Unit 1 to 5: Leisure Activities, Life Stories, Rites of Passage, Customs and Traditions, Migration		IBDP Language B Theme 3: Human Ingenuity Unit 1 to 4: Communication and Media, Artistic Expressions, Entertainment, Science and Technology	
ITGS	**IT systems** Hardware, Software, networking and communication. ***HL:** Robotics, artificial intelligence and expert systems.	**Business & Employment -** Traditional, online and transportation businesses.	**Environment & Health** – Data logging, GPS, e-waste, digital divide, diagnostic and therapeutic tools, medical advice, medical research and accessibility using IT.	**Home & Leisure** Smart homes, digital policing, digital entertainment, published and broadcast information and digital preservation.	**IT Project** Criterion A, B and C and D. ***HL:** Project management and system lifecycle.	**IT Project** Criterion E and F ***HL:** Project management and system lifecycle.
Psychology	Introduction To Psychology (1w) Approaches to Research (6w)	Approaches to Research(8w)	Biological Approach (5w)	Biological Approach (3w) Cognitive approach (2w)	Biological Approach (6w)	Cognitive Approach (8w) End of year Test (2w)