

Lowton Church of England High School - KS4 Curriculum Overview

YEAR 9	Autumn		Spring		Summer	
CORE SUBJECTS						
English Literature & Language	Lang Comp 1 - story writing – Titanic based Christmas Carol - begin week 5 Lang Comp 1 - story (week 5) Christmas Carol - extracts / plot / context	Christmas Carol	Lang Comp 1 – reading Lang Comp 1 - stories Lang Comp 1 - full	Modern Play Lang Comp 1 - reading	Lang Comp 1 reading Modern Play & Christmas Carol Lang Comp 1 reading Modern Play & Christmas Carol	Poetry – Nature S&L S&L – filmed Poetry – Nature – part a
Mathematics	HCF/LCM, Standard Form, Surds, Laws of Indices Expressions, Equations, Formulae and Sequences	Averages and Correlation Operate Fractions, compare ratios and problem solve %	Angles in a polygon, Pythagoras and trigonometry	linear, quadratic, cubic and reciprocal graphs Prisms and sectors of circles	Exma Preparation and Revision	4 transformations, bearings and constructions
Double Science	Prep for GCSE course	Biology- Cells	Biology - Cell division	Chemistry - Atomic structure	Physics - Energy	Exam technique and revision focus based around Cells, Atomic structure and Energy
RE GCSE	Theme F: Human Rights	Christian Beliefs	Christian Practices	Theme E: Crime and Punishment	Christian Church in the world and Exams	Theme A; Relationships and Families
CORE PE	Pupils continue to develop skills in the sports taught in KS3.					
TRIPLE SCIENCE						
BIOLOGY	Prep for GCSE course	Biology- Cells	Biology- Cells	Biology - Cell division	Biology - Oraganisation	Exam technique and revision
CHEMISTRY	Prep for GCSE course	Chemistry - Atomic structure	Chemistry - Atomic structure	Chemistry - Periodic table	Chemistry - Bonding	Chemistry - Properties of materials
PHYSICS	Prep for GCSE course	Physics Energy	Physics Energy	Physics - Electricity	Physics - Electricity	Exam technique and revision
GCSE OPTIONS						
ART	Art Deco	Art Deco	Natural forms - Ceramics	Natural forms - Ceramics	Sweets	Sweets
COMPUTING	Unit 1 How Computers Work Binary Unit 2	Unit 3 Computational Thinking	Unit 5 Hardware	Unit 6 Software	Unit 7 Python and Algorithms	Unit 8 Legal and Ethical Issues
CRAFT / DT	Design eras and modelling skills	Materials theory, woods, basic joints.	Materials theory, plastics, phone holder, Unit one skills.	Unit 2 skills, design, development, analysis and financial considerations	Unit 3 skills, independent study, enterprise.	Unit 4 skills, consolidation of skills, final project in mixed materials, CAD/ CAM.
DRAMA	Physical Theatre	Scripted performance	Scripted performance	Make up	Practise brief	Practise brief
FOOD & NUTRITION	Recap health and safety, food hygiene. Range of practical dishes.	cultural food, balanced diet. Range of practical dishes.	Functions of ingredients, food packaging and the environment.	food preparation and nutrition	fats, food science investigation	diet and health, cultural foods
FRENCH	Self, family and friends	Self, family and friends	Hobbies and Media	Hobbies and Media	Celebrations	Celebrations
GEOGRAPHY	Hazards	Tectonics	Global Atmospherics Circulation	Tropical Storms	Climte Change	Skills and issue evaluation
HISTORY	Medicine Through Time	Medicine Through Time	Paper 1: Medicine Through Time: First World War Case Study / Paper 3: Germany 1919-1939	Paper 3: Germany 1919-1939	Paper 3: Germany 1919-1939	Paper 2: Cold War 1942-1992
CREATIVE iMEDIA	Unit R081: Preproduction Skills: LO1: Understand the purpose and content of		Unit R081: Preproduction Skills: LO3: Be able to produce preproduction documents.		Unit R081: Preproduction Skills: LO4: Be able to review preproduction documents	
	Unit R086: Creating a Digital Animation: LO1: Understanding the purposes and		Unit R086: Creating a Digital Animation: - LO2: Be able to plan a digital animation, LO3:		Unit R086: Creating a Digital Animation - LO4: Be able to review a digital animation.	
MUSIC	Rhythm & Metre	Harmony & Tonality	Texture & Melody	Timbre & Dynamics	Structure & Form	EOY Exams
PHOTOGRAPHY	Compositional Rules	Natural Forms	Surrealism	Surrealism	End of Year 9 Mock Exam Paper	End of Year 9 Mock Exam Paper
PHYSICAL EDUCATION	1.2a components of fitness	1.2a components of fitness	1.2b principles of training	1.2b principles of training	1.2c preventing injuries/revision	1.1a Skeletal system

YEAR 10	Autumn		Spring		Summer	
CORE SUBJECTS						
English Literature & Language	Macbeth & War poetry	Macbeth & War poetry Nature poetry	Lang Comp Unseen Poetry all apart from love	Unseen poetry Exam practice	May start Modern Play – depending on exam Lang Comp 1 Macbeth Anthology poetry Exams Lang: Comp 1 Lit: Macbeth & Anthology poetry – 2 clusters	Love poetry Unseen poetry Christmas Carol Modern Play
Mathematics	Equations and inequalities Probability	Multiplicative reasoning Proof	Similarity and congruence Advanced trigonometry	Comparison of statistics	Equations and graphs Simultaneous Equations	Circle theorems
Double Science	Biology- Cells and division	Biology - Organisation, infection and bioenergetics	Chemistry - Atomic structure, bonding and periodic table	Chemistry- Quantitative Chemistry, chemical changes and energy changes	Physics - Energy and Electricity	Physics - Atomic structure and particle model of matter
GCSE RE	Jewish Beliefs	Theme B: Life	Jewish Practices	Revision	Revision	PSHE and Citizenship Topics
CORE PE	Pupils continue to develop skills in the sports taught in KS3.					
TRIPLE SCIENCE						
BIOLOGY	Biology- Cells	Biology - Cell division	Biology - Oraganisation	Biology- Infection and response	Biology- Bioenergetics	Biology- Homeostasis
CHEMISTRY	Atomic structure and periodic table	Bonding, structure and properties	Quantitative Chemistry	Chemical changes	Energy Changes	Rate and extent of chemical change
PHYSICS	Energy	Electricity	Particle model of matter	Atomic structure	Revision and exam technique	Forces
GCSE OPTIONS						
ART	Art Deco	Art Deco	Natural forms - Ceramics	Natural forms - Ceramics	Masks of the World	Masks of the World
COMPUTING	Unit 1 Hardware	Unit 2 Data Representation	Unit 3 Computational Thinking, Unit 4 Software, Unit 5 Legal and Ethical issues		Unit 6 Learn to Program in Python, Unit 7 Networks	
CRAFT / DT	Theory and initial skills - Unnit 1, 2 and 4	Unit 1: Exploring craft and enterprise skills.	Unit 1, Unit 2: Research and develop ideas for craft items.	Unit 1 and 2 continued. Unit 3 skills: Respond to a craft brief.	Unit 3 skills and start of Unit 4: Produce final craft work	Unit 3 skills and Unit 4.
DRAMA	Physical Theatre	Make up	Practise pitch	practise pitch / prop making	Practise brief	Practise brief
FOOD & NUTRITION	food commodities, general nutrition and diet	food commodities and nutrition	NEA1 practice and food commodities	NEA1 practice and food commodities	NEA1 practice and food commodities	NEA1 practice and food commodities
FRENCH	Self, family and friends	Hobbies and media	Celebrations	Town and Region	Town and Region	Holidays
GERMAN	School	Free time and hobbies	Relationships	At home	At home	Town and tourism
GEOGRAPHY	Hazards	Tectonics	Global Circulation	Tropical storms and climate change	Investigation and skills	Rivers
HISTORY	Medicine Through Time	Medicine Through Time	Paper 1: Medicine Through Time: First World War Case Study / Paper 3: Germany 1919-1939	Paper 3: Germany 1919-1939	Paper 3: Germany 1919-1939	Paper 2: Cold War 1942-1992
CREATIVE iMEDIA	Unit R081: Preproduction Skills: LO1: Understand the purpose and content of		Unit R081: Preproduction Skills: LO3: Be able to produce preproduction documents.		Unit R081: Preproduction Skills: LO4: Be able to review preproduction documents	
	Unit R086: Creating a Digital Animation: LO1: Understanding the purposes and		Unit R086: Creating a Digital Animation: - LO2: Be able to plan a digital animation, LO3:		Unit R086: Creating a Digital Animation - LO4: Be able to review a digital animation.	
MUSIC	Riffs, Loops, Ostinati	Textures	Sequence	TBC	TBC	TBC
PHOTOGRAPHY	Compositional Rules	Natural Forms	Surrealism	Surrealism	Textures	Textures
PHYSICAL EDUCATION	1.1b Muscular system/1.1c Movement analysis	1.1d cardiovascular and respiratory systems/1.1e effects of exercise	AEP preparation/recap 1.2a/1.2b	AEP	AEP/Revision	2.3 Health, fitness and wellbeing

YEAR 11	Autumn		Spring		Summer	
CORE SUBJECTS						
English Literature & Language	Modern play War poetry Romeo and Juliet	Component 2 Lang War poetry Christmas Carol	Poetry –any incomplete Unseen Lang Comp 1 Component 2 Lang Poetry	Lang Comp 1 Christmas Carol Unseen	Exam prep – all GCSEs	
Mathematics	Algebra and Functions Vectors and geometric proof	Proportion and graphs Iteration	Problelem Solving Focus (AO2/AO3)	Revision and Exam Practice	Revision and Exam Practice	
Double Science	Homeostasis, Inheritance and ecology	Rates, organic chemistry and Chemical analysis	Chemistry of the atmosphere and using resources	Forces, waves and electromagnetism	Exam prep – all GCSEs	
RE - PSHE	Careers - work related learning	Study Skills	Sex and Relationships	Values for living	Revision	
CORE PE	Pupils continue to develop skills in the sports taught in KS3.					
TRIPLE SCIENCE						
BIOLOGY	Homeostasis and response	Inheritance	Inheritance	Ecology	Exam prep – all GCSEs	
CHEMISTRY	Organic chemistry	Chemical analysis	Chemistry of atmosphere	Using resources	Exam prep – all GCSEs	
PHYSICS	Forces	Waves	Magnets/electromagnets	Space	Exam prep – all GCSEs	
GCSE OPTIONS						
ART	Natural forms - Ceramics	Masks of the World	AQA Externally Set Assignment	AQA Externally Set Assignment	AQA Externally Set Assignment	Exhibition
COMPUTING	Programming Skills	Legal and Ethical issues	Computational Thinking	Revision	Revision	
DRAMA	Scripted performance	Scripted performance	Blood Brothers	Exam practise	Exam practise	
DESIGN TECHNOLOGY	Controlled Assessment and exam theory	Controlled Assessment, exam theory ready for mock exam.	Controlled Assessment Practical	Controlled Assessment Practical and theory. Examination theory as homework.	Controlled Assessment re-working and submission, examination theory for Unit 1.	Unit 1: Examination theory in preparation for final exam.
FOOD & NUTRITION	Controlled Assessment and exam theory	Controlled Assessment, exam theory ready for mock exam.	Controlled Assessment and exam theory	controlled Assessment Practical and theory. Examination theory as homework.	exam theory	exam theory in preparation for final exam
FRENCH	Holidays	School	Jobs and future plans	Environment and Social Issues	Revision Unit	
GEOGRAPHY	Southport Investigation, coasts	Urban Challenges	Development and resources. The living world	Prerelease	EXAM	EXAM
GERMAN	Town and tourism	Holidays	Jobs and future plans	Environment and Social Issues	Revision Unit	
HISTORY	Paper 2: Cold War 1942-1992	Paper 2: Cold War 1942 - 1992 / Paper 2: Elizabeth 1558-1588	Paper 2: Elizabeth 1558-1588	Revision Papers 1 - 3	Revision Papers 1 - 3	
INFORMATION TECHNOLOGY	ECDL: Wordprocessing	ECDL: Presentation	ECDL: Spreadsheet	ECDL: Improving productivity		
MUSIC	Composition 1 & Performance exams	Performance exam catchup	Composition 2	Composition 2	Exam revision	
PHOTOGRAPHY	Landscape Cityscape	Drawing and Human Figure	AQA Externally Set Assignment	AQA Externally Set Assignment	AQA Externally Set Assignment	Exhibition
PHYSICAL EDUCATION	2.2 sports psychology/2.1a engagement patterns	2.1b commercialisation/2.1c ethics	Revision	Revision	Revision	Course completed