

FAIRFIELD HIGH SCHOOL YEAR 7 CURRICULUM PLAN 2016-17

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SUBJECT	AUTUMN	SPRING	SUMMER
ENGLISH	Autobiography Class novel – Boy in Striped Pyjamas	Narrative writing – Alter Egos Poetry – Ballads	Non-fiction writing – Writing to inform and persuade Shakespeare – Much Ado about Nothing
MATHS	Shapes Understanding number Number patterns Probability Multiplication and division	Decimals Measuring Fractions Perimeter, area and volume Formulae and equations	Positive and negative numbers Graphs Angles Handling data Percentages
SCIENCE	Observations and variables Heat loss Adaptations of living things The senses	Separation processes Acids and alkalis Food and digestion Photosynthesis and plants	Forces and movement Speed and velocity Moments Space Heat transfer Water cycle
ETHICS	Challenging beliefs/ Relationships & Families – What is belief? – What is so radical about Jesus?	Human Rights & Social Justice, Peace & Resolving Conflict- What is challenging about being young today in Britain? What is the big story of the Bible?	Crime, Punishment & Forgiveness, Point & Purpose of Life- The Buddha and his teachings Places of worship
PE	Netball/HRE (girls) Rugby / HRE (boys)	Dance / Hockey / Gym/Football (girls) Football / Table Tennis / Gymnastics/Outdoor Ed/Problem Solving (boys)	Rounders / athletics (girls) Cricket / athletics / Basketball (boys)
HISTORY	Norman England	Renaissance World	Slavery
GEOGRAPHY	Weather Map reading	Farming Industry	Settlement Rivers
FRENCH and SPANISH	Myself & Intro to France/Spain French/Spanish language	At school Homes & Regions	My family Food
ART	Music and colour, mask making	Animals	Architecture & perspective
MUSIC	Elements of Music Rhythm, Beat and Samba	Melody, Notation and Keyboard skills Chords, Tab and Guitar skills	Theme and Variations Composition Band Skills
DESIGN & TECHNOLOGY	Safety in the workshop Tools & Equipment Mini Project: Acrylics	Mini Project: Woods Mini Project: Metals	Design Process Keyring Project
FOOD TECHNOLOGY	Safe and Sound skills; safety & hygiene.	Healthy eating Weighing and measuring Food choices Healthy snacks	Healthy eating – The EatWell Plate Product analysis & Design task
COMPUTER STUDIES & IT	Digital Literacy, Under the Hood	Thinking like a Computer Scientist, Cyphers, Binary, Drawing shapes, Creating animation, Fundamentals of Computing	How the Web works, Representing images

FAIRFIELD HIGH SCHOOL YEAR 8 CURRICULUM PLAN 2016 -17

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SUBJECT	AUTUMN	SPRING	SUMMER
ENGLISH	Gothic Reading Horror Writing	Non-fiction reading and writing – Newspapers Shakespeare – Macbeth	Poetry – character and voice Beowulf and descriptive writing
MATHS	Number – Product of prime factors Problem solving with HCF & LCM Angles Fractions & ratio Probability Decimals	Percentages – increase and decrease Shape & Measure Positive & negative numbers Number patterns Algebra – sequences	Transformations – reflections and rotations Graphs Handling Data Formulae & equations Perimeter, area & volume
SCIENCE	Elements, mixtures and compounds Rocks Metals	Electricity and its effects Electricity at home Energy	Reproduction Inheritance and Variation
ETHICS	Challenging beliefs/ Relationships & Families – Why is Muhammad so important to Muslims? Rites of Passage	Human Rights & Social Justice/ Peace & Resolving Conflict. Introduction to Judaism, Is it ever right to fight?	Crime, Punishment & Forgiveness/ Point & Purpose of Life – Does Religion help people be good? Should happiness be the purpose of life?
PE	Netball / HRE (girls) Rugby/Basketball / HRE (boys)	Dance / Hockey (girls) Football/ Table Tennis (boys)	Rounder/athletics (girls) Athletics/cricket/Basketball (boys)
HISTORY	Medicine from the Ancient World	Industrial Britain	World War One
GEOGRAPHY	Tectonics coasts	Italy Africa	Kenya National Parks of UK and map reading
FRENCH and SPANISH	Hobbies School Food	Not Feeling Well Shopping	Free Time Holidays
ART	Portraiture/geometric pattern	Clay sculpture/interesting character	Robots/story telling/junk instruments
MUSIC	Music from Africa Christmas Advert	Musical Theatre Reggae	Fanfare Band Skills
DESIGN & TECHNOLOGY	Safety in the workshop Tools & Equipment Isometric Drawing	Nightlight Project Electronics Woods – joining methods	Nightlight Project CNC CAD-CAM
FOOD TECHNOLOGY	A saucy story 5 flavours Testing Making different sauces	Brilliant Bread Cereals Bread rolls Pizza design	Sizzling summer Seasonal food/air miles BBQ food/Different dietary needs
COMPUTER STUDIES & IT	Digital Literacy, Binary	Operating Systems, Instruction Set Design, Programming Selection and Boolean	Recursive Patterns, Intelligent Computers, Connecting to the Internet, Python Magic

FAIRFIELD HIGH SCHOOL YEAR 9 CURRICULUM PLAN 2016 -17

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SUBJECT	AUTUMN	SPRING	SUMMER
ENGLISH	Comparing Poetry – War poetry Non-fiction reading and writing – conflict, argument and persuasion Alter Ego – exploring the creation of alter egos using a range of adjectives and noun phrases	Class Novel – Of Mice and Men Nineteenth Century short stories Writing the World – using verbs and nouns effectively to enhance our writing	Narrative Writing GCSE Shakespeare – Romeo and Juliet
MATHS	Number Positive & Negative numbers Angles & bearings Algebra – expand and factorise expressions Averages Graphs	Number Transformations – translations Handling data Formulae & solving linear equations Fractions & ratio	Probability Number patterns Working with decimals without a calculator Percentages Perimeter, area & volume
SCIENCE	Particle behaviour – states of matter and diffusion Cells and classification Atomic structure and the periodic table	Electricity and Resistance Respiration and life processes Breathing and respiration	Digestion Forces and their effects Speed
ETHICS	Challenging beliefs/ Relationships & Families – A time to challenge authority? What makes the world turn?	Human Rights & Social Justice/ Peace & Resolving Conflict- Sanctity of Life – What issues would a (Sikh/Muslim) teenager face?	Crime, Punishment & Forgiveness/ Point & Purpose of Life – Holocaust
PE	Netball / HRE (girls) Rugby / Football / Basketball (boys)	Dance + Gym / Football/Hockey/ Volleyball / Table Tennis (girls) Football / Table Tennis / Volleyball (boys)	Rounders /HRE / Athletics (girls) Cricket /Basketball/ Softball / Athletics (boys)
HISTORY	Europe 1914-1939	Europe 1939-1947	Cold War 1947-1972
GEOGRAPHY	Population and ecosystems	Cocoa industry Glaciation	China
FRENCH and SPANISH	Places in Town and Transport Holidays and Days Out	Clothes and Fashion Descriptions	Free Time An exchange
ART	Colour, shape and form (sweets and cakes)	Figure drawing / silhouette	(Option choice) Giants/ forest/ interesting character
MUSIC	Blues Christmas Pop Song	Film Band Skills	Our Bands Composition
DESIGN & TECHNOLOGY	Safety in the workshop Tools & Equipment Logos Clock Project – Design Process	Clock Project – Practical CNC CAD-CAM	Product Testing QC/QA Intro to GCSE
FOOD TECHNOLOGY	Dietary Needs	International Food	Food Provenance and Food Miles
COMPUTER SCIENCE & IT	Digital Literacy, Binary	Control Systems, Computational Thinking, Python 1	Cyphers, Scratch/Audacity

FAIRFIELD HIGH SCHOOL YEAR 10 CURRICULUM PLAN 2016 -17

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SUBJECT	AUTUMN	SPRING	SUMMER
ENGLISH GCSE Literature:	Literature – An Inspector Calls Literature – Jekyll and Hyde	Literature – Romeo and Juliet Literature – Anthology Poetry	Exam Revision and GCSE Exam Begin GCSE Language – Narrative Writing
MATHS Higher tier: Foundation tier:	Algebra – Venn Diagrams Number Percentages Ratio Shape Volume & surface area	Algebra Solving quadratic inequalities Geometry Transformational geometry Constructions Shape & symmetry	Properties of number Nth term of quadratic sequences Algebra Averages Handling data
	Basic Number Fractions Negative numbers Properties of numbers Handling data	Probability Plane shapes Algebra Number skills	Fractions, ratio & speed Symmetry Percentages
SCIENCE	Biology – photosynthesis and plant tissues Chemistry – structure and bonding, hydrocarbons Physics – forces and energy	Biology – cells and cell processes, genetics Chemistry – atmosphere, rate and extent of chemical changes Physics – Electricity	Biology –health, Chemistry – Chemical analysis Physics – Atomic structure and radiation
TRIPLE SCIENCE	B1 – Keeping Healthy, Coordination and control, Medicine and drugs, Adaptation for survival, Energy in Biomass C1 – Rocks and building materials, Metals and their uses, Crude oil and fuels, Products from oil P1 – Using energy, Electrical energy, Generating Energy, Waves,	B1 – Energy in Biomass, Variation , reproduction and new technology, C1 – Crude oil and fuels, Products from oil, Our changing planet P1 – Electromagnetic waves P2 – Current electricity, Mains Electricity	B1 –Evolution B2 – Cells, tissues and organs, Organisms in the environment C2 – Structure and bonding, structure and properties, Quantitative Chemistry P2 –Forces and motion, Work Energy and Momentum
RS	Christianity – Beliefs and Teachings: Trinity, crucifixion, heaven and hell Religion and Conflict – Christian and Islamic view	Christianity – Practices; Worship and prayer, church and community Relationships and family – Christian and Islamic views	Begin Islamic beliefs Begin Religion, human rights and social justice.
PSHE	Global Citizenship	Drugs & alcohol – specifics & effects Sexual Health	Careers
PE	Sports leaders / netball (girls) Rugby / football / sports leaders (boys)	Badminton / volleyball /hockey /football / Fitness (girls) Football / hockey / volleyball / health related exercise (boys)	Athletics / rounders (girls) Softball / athletics / cricket / Basketball (boys)
HISTORY	Britain: Health and the People, c. 1000 to present day	Germany 1890-1945	Conflict and tension between East and West, 1945-1972

GEOGRAPHY	Global atmospheric circulation Tropical Storms (case study – Typhoon Haiyan) UK flooding (case study – Somerset Floods) Extreme weather in the UK Climate Change Urbanisation- Megacities Social and economic challenges in Rio	Global ecosystems Tropical rainforests (case study – Malaysia) Hot deserts (case study – Thar Pakistan) Where do people live in the UK? Introducing Bristol Social and economic activities in Bristol Urban change in Bristol	Urban Geographical Inquiry/Fieldwork Rivers Rivers field work
FRENCH and SPANISH	Me, My Family and Friends Technology in Everyday Life	Free Time Activities Customs & Festivals in Spanish Speaking Countries	Home, Town, Neighbourhood And Region Social Issues
ART	The Elements/aquatic creatures/single colour/shadows	Buildings/architecture/changed/clothes	Independent portfolio task Starting points to be negotiated
MUSIC	Theory Pop music conventions Solo and ensemble performance	Rhythms of the world Film music Solo and ensemble performance	Film music Concerto through time Solo and ensemble performance
FOOD TECHNOLOGY	Healthy Eating and Nutrients Food Commodities	Food Science Food Industry Microbiology	Pastry Microbiology
DRAMA	Introduction to Drama skills – individual skills focus and devising short pieces	Exploring Drama skills in more detail	Introducing GCSE Drama in preparation of Options e.g. genres of theatre and rehearsal techniques
ANIMAL CARE BTEC	The principles of animal behaviour: To know what influences animal behaviour, to identify normal and abnormal behaviour, to recognise signs of stereotypical behaviour, to understand the influence of enrichment on animal behaviour and to monitor and record the behaviour of a range of animals. This work will be assessed through two written assignments. There will be one external visit to Bristol Zoo	Animal Welfare: To understand the different roles of animals and animal related organisations in society, to understand animal welfare legislation and to understand the responsibilities involved in caring for animals. This work will be assessed through three written assignments.	Animal Welfare: To understand the different roles of animals and animal related organisations in society, to understand animal welfare legislation and to understand the responsibilities involved in caring for animals. This work will be assessed through three written assignments.
CONSTRUCTION	Intro to construction Woodworking skills Joints – Timber frame	Unit 1 – H&S Exam Prep Practise skills for Unit 2 (stud wall, decorating, tiling)	Revision Online exam Practise skills for Unit 2 (stud wall, decorating, tiling)
ENGINEERING	Engineering: manufactured project	Modern technology: advantages and disadvantages	Study of an engineering company/product
DRAMA	Introduction to devising Genres of theatre study Practitioner study	Working from a script Creating a portfolio	Set text study
CREATIVE CRAFTS	Experimenting with skills and techniques Producing craft items to suit a brief Christmas crafts	Further development of skills, working to a brief.	How to develop a design for sale Structure of the craft industry

FAIRFIELD HIGH SCHOOL YEAR 11 CURRICULUM PLAN 2016 -17

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SUBJECT	AUTUMN	SPRING	SUMMER
ENGLISH Language & Literature	Language – Narrative Writing Literature – An Inspector Calls Literature – Jekyll and Hyde or A Christmas Carol	Literature – Romeo and Juliet Literature – Anthology Poetry Language – Non-Fiction Reading and Writing	Language – Non-Fiction Reading and Writing Exam Revision
MATHS Higher tier:	Angles & 2D shapes Circle properties Perimeter & area Maps, loci & constructions Transformations	Pythagoras Trigonometry 3D shapes Understanding & using measures Congruent & similar figures	Direct & inverse proportion Transforming graphs Vectors Further trigonometry
Foundation tier:	Rules of indices Proportional reasoning eg. recipes Algebra Angles & 2D shapes Perimeter & area Loci & constructions Pythagoras	Number – rounding to a given number of DP's 3D shapes Understanding & using measures Congruent & similar figures Graphs Solving inequalities Solving linear equations	Number Transformations Algebra Circles
SCIENCE	B2 – Cells, tissues and organs. Organisms in the environment. Enzymes. C2 – Structure and properties. How much P2 – Mains Electricity, Radioactivity, Energy from the nucleus.	B2 – Energy from respiration. Simple inheritance. Old and new species C2 – Rates and energy. Salts and electrolysis P2 – Forces and Motion	C2 – Salts and Electrolysis P2 – Work, energy and momentum
TRIPLE SCIENCE	B2 – Cells, tissues and organs. Enzymes C2 – Rates and energy. Salts and electrolysis C3 – The Periodic Table P2 –Radioactivity, Energy from the nucleus	B3 – Exchange of Materials, Transporting materials C3 – Water, Energy calculations P3 – Medical application of Physics, Using physics to make things work	B3 – Keeping internal conditions constant, How humans can affect the environment C3 – Analysis and synthesis, Organic Chemistry P3 – Using magnetic fields to keep things moving
HUMANITIES	Controlled Assessment	Conflict and Cooperation Culture and Beliefs	Exam practice and revision
PSHE	Study skills Careers & college visits	Personal statements Managing finances	Record of Achievement; college applications & interviews
PE	Badminton / netball (girls) Rugby / fitness / dodgeball / basket ball (boys)	Health related exercise / own choice (girls) Football / volleyball / basketball (boys)	Athletics/rounders (girls) Athletics/cricket (boys)
HISTORY	Controlled Assessment	Germany 1918-1945	Germany 1918-1945/Revision
GEOGRAPHY	Controlled assessment Tectonics	Tectonics The development Gap	Exam practice and revision

FRENCH and SPANISH	Global Issues Travel and Tourism	My Studies Life at School/College	Education Post-16 Jobs, Career Choices and Ambitions Exam Revision
ART	Independent portfolio task: 60% coursework project	Exam paper issued. Examination preparation Choice of starting points.	Examination period and exhibition
MUSIC	Descriptive music Composition coursework Final solo performance	Composition coursework Final ensemble performance Creative task	Examination practice and revision
FOOD TECHNOLOGY	The Food Investigation Assignment (15%)	The Food Preparation Assessment (35%)	Revision programme / exam preparation
COMPUTER SCIENCE	Reliability, Testing, Standards, Ethics, Environment and Legal Acts, Hardware/Central Processing Unit, Binary Numbers, Algorithms and Flowcharts, Programming Languages, Control flow Data Handling and Testing	Characters, Images, Sound, , Databasing and, Relational Databases, Networking, , The Internet, Hexidecimal, Input and Output devices, Computer Memory + Storage, OS/Software, Binary Logic ,	Revision programme / exam preparation
ANIMAL CARE BTEC	The principles of animal behaviour: To know what influences animal behaviour, to identify normal and abnormal behaviour, to recognise signs of stereotypical behaviour, to understand the influence of enrichment on animal behaviour and to monitor and record the behaviour of a range of animals. This work will be assessed through two written assignments. There will be one external visit to Bristol Zoo	Animal Welfare: To understand the different roles of animals and animal related organisations in society, to understand animal welfare legislation and to understand the responsibilities involved in caring for animals. This work will be assessed through three written assignments.	Animal Welfare: To understand the different roles of animals and animal related organisations in society, to understand animal welfare legislation and to understand the responsibilities involved in caring for animals. This work will be assessed through three written assignments.
CONSTRUCTION	Unit 2 – Practical Construction Tasks	Unit 2 – Practical Construction Tasks	Unit 3/ Revision/ Exam Practice
DRAMA	Devised performance prep and exam	Scripted performance and exam Set text revision for written exam	
CREATIVE CRAFTS	Unit 3 – mock project as preparation for external assessed task after Christmas. 'Favourite story'	Unit 3 – external set task level 2 Unit 3 level one – Craft brief devised from modified external task.	