



# HIGHDOWN SCHOOL AND SIXTH FORM CENTRE

## KEY STAGE 4 CURRICULUM MAP 2022-23

### YEAR 10 [2022-23]

SUBJECT	TERM 1	TERM 2	TERM 3	TERM 4	TERM 5	TERM 6
<b>Art</b>	Food and Drink Observational drawing Experimenting with materials	Food and Drink Artist analysis Developing an idea	Food and Drink Producing a final outcome	Identity Responding to the work of others Experimenting with materials and techniques	Identity Developing ideas	Identity Producing a personal outcome
<b>Art Graphics</b>	Portraiture Observational drawing Experimenting with materials	Portraiture Artist analysis Creating a personal response	Portraiture Developing an idea Final piece development	Portraiture Producing a final outcome	Travel Experimenting with materials	Travel Developing own ideas and artists
<b>Art Photography</b>	Foundation skills Basic photography techniques and terms Introduction to digital editing on Photoshop	Foundation skills Art techniques within photography Dark room techniques and photograms	Identity Portrait photography Responding to portrait photographers	Identity Portrait photography and art techniques Experimenting with materials and techniques	Identity Developing their own ideas in response to their research Producing a personal outcome	Natural Forms Observational photography using the brief Take photos and inspiration from class trip.

SUBJECT	TERM 1	TERM 2	TERM 3	TERM 4	TERM 5	TERM 6
<b>Business Studies</b>	Business in the Real World	Business in the Real World/Influences on Business	Influences on Business	Human Resources	Operations Management	PPE Revision
<b>Citizenship</b>	Introduction Rights & laws	The legal system How to answer exam questions	Democracy & democratic development	Constitution and governance	Economics Extended written responses	Media Civil society Campaigning
<b>Computing</b>	Introduction to Programming Introduction to Pseudocode Unit 1: Fundamentals of Algorithms Unit 3: Fundamentals of Data Representation: Number Systems -Binary, Hex, Denary Note: Students are expected to program outside of the classroom in all terms.	Programming techniques Pseudocode Unit 2A: Programming Unit 3: Fundamentals of data representation: Sound Images Text Compression	Applied problem solving (programming) Pseudocode Unit 2B: Programming Unit 4: Computer Systems	Applied problem solving (programming) Unit 2B: Programming Unit 4: Computer Systems	Advanced problem solving (programming) Unit 5: Introduction to Networks	Programming Project (Chosen by student) Project Management Revision for End of Year Exams

SUBJECT	TERM 1	TERM 2	TERM 3	TERM 4	TERM 5	TERM 6
<b>Design and Technology</b>	Practical focus: Wood (Tower of Hanoi) Theory: Re-design 2 point perspective Orthographic The 6 rs Timbers Scale of production CAD/CAM Designers	Practical focus: Metal (mini projects) Theory: Material properties Paper and board Woods Metals and alloys Polymers Textiles	Practical focus: Textiles (own material printing and draw string bag construction) Theory: Design principles	Practical focus: Card and board (Google Card Virtual) Theory: Energy, materials, systems and devices	Practical focus: Plastic Theory: New and emerging technologies Common specialist technical principles	Practical focus – Electronics Theory: Making principles Electronic systems
<b>Drama</b>	Practical: Introduction to the course Practitioners Stanislavski & Brecht Theory: Component 1: Section C Section A	Component 3 Blood Brothers mock Theory: Component 1 Blood Brothers	Component 2 Devising Drama Theory: Devising Logs	Component 2 Devising Drama Theory Devising Logs	Practical Skills based workshop: Improvisation Characterisation Theory: Component 1: Section C: Live Theatre	Practical Component 3 Text exploration Theory PPE preparation

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<b>English Language and English Literature</b>	Literature Paper 1 Texts Merchant of Venice A Christmas Carol Power and Conflict Poetry once a week	Literature Paper 1 Texts Merchant of Venice A Christmas Carol Power and Conflict Poetry once a week	Literature Paper 1 Texts Merchant of Venice A Christmas Carol Power and Conflict Poetry once a week	Language Paper 1: Prose extracts	Language Paper 2: Non-fiction extracts	PPE Revision Spoken Language Preparation
<b>Food Nutrition and Preparation</b>	Fruit and Vegetables	Dairy	Cereals	Meat and poultry	Fats and oils	Tofu, Soya, Beans, Seeds, Nuts and Pulses
<b>Fashion [Textiles]</b>	Fruit and Veg Sampling Project	Blood Bag	Mock Past Paper	Mock Past Paper	Mock Past Paper / Personal Investigation/ PPE	Personal Investigation
<b>French</b>	Identity and culture: free time activities	Identity and culture: family, friends, marriage, partnership Identity and culture: technology in everyday life	Identity and culture: customs and festivals Current/future study and employment: my studies	Current/future study and employment: life at school/college	Current/future study and employment: education post-16 Preparation for speaking PPE	Current/future study and employment: jobs and careers Reading, listening, writing PPE revision

<b>SUBJECT</b>	<b>TERM 1</b>	<b>TERM 2</b>	<b>TERM 3</b>	<b>TERM 4</b>	<b>TERM 5</b>	<b>TERM 6</b>
<b>Geography</b>	Living with the Physical Environment: Natural hazards, tectonic hazards, weather hazards	Living with the Physical Environment: Weather hazards, climate change	Living with the Physical Environment: UK physical landscapes, river landscapes in the UK	Challenges in the Human Environment: Urban issues and challenges Geographical Applications: Field work and follow up	Challenges in the Human Environment: Urban issues and challenges	Living with the Physical Environment: Ecosystems Rainforests
<b>Hair L2</b>	Exploring the world of hair and beauty Hair and beauty in ancient times	Health & Safety in the Salon Hair and beauty in today's society	Project Assignment Egyptian Theme set The Effect of acids and alkaline on hair and skin	Project Assignment Egyptian Them Complete The Science Principles of ingredients in hair and beauty products	Ethnical consideration for testing cosmetic Introduction to PPE Revision	Anatomy and Physiology terminology of hair, skin and nails.

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<b>History</b>	<p>Cold War crises 1958-1970</p> <p>End of the Cold War 1970-1991</p>	<p>Complete Cold War</p> <p>Medieval medicine 1250 – 1500:</p> <p>Ideas about causes</p> <p>Approaches to prevention and treatment</p> <p>Case study: The Black Death</p> <p>The Medical Renaissance in Britain 1500-1700:</p> <p>Ideas about causes</p> <p>Approaches to prevention and treatment</p> <p>Case studies: William Harvey, the Great Plague</p>	<p>Medicine in 18<sup>th</sup> and 19<sup>th</sup> century Britain:</p> <p>Ideas about causes</p> <p>Approaches to prevention and treatment</p> <p>Case study: Fighting cholera</p> <p>Medicine in modern Britain 1900-present day:</p> <p>Ideas about causes</p> <p>Approaches to prevention and treatment</p> <p>Case studies: penicillin and lung cancer</p>	<p>Medicine and treatment in the British sector of the Western Front 1914-1918</p>	<p>The origins of the Weimar Republic, 1918</p> <p>The early challenges to the Weimar Republic, 1919–23</p> <p>The recovery of the Republic, 1924–29</p> <p>Changes in society, 1924–29</p>	<p>Early development of the Nazi Party, 1920–22</p> <p>The Munich Putsch and the lean years, 1923–29</p> <p>The growth in support for the Nazis, 1929-33</p> <p>How Hitler became Chancellor, 1932–33</p>

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<b>Mandarin Chinese</b>	Past Holiday experience Means of transport Weather Places to see and things to do Ideal trip for next summer	School timetable and school day School subjects Subject teachers Differences and similarities between schools in China and in England School rules	Free-time plans Interests and sports Importance of leisure activities Importance of holidays	Living area Location Local amenities Advantages and disadvantages of living areas	Daily life Weekend plans Food cultures in China and in England Preparation for speaking PPE	Eating habits Importance of a healthy life style Shopping experience Advantages and disadvantages of online shopping Reading, listening, writing PPE revision
<b>Mathematics Higher Tier</b>	<b>Using number</b> Non calculator methods Types of numbers and sequences Indices and roots	<b>Developing algebra</b> Equations and inequalities	<b>Similarity</b> Congruence, similarity and enlargement Trigonometry	<b>Geometry</b> Angles and bearings Circles Vectors	<b>Proportional reasoning</b> Ratios and fractions Percentages and interest Probability	<b>Data Collecting</b> Representing and interpreting data
<b>Mathematics Foundation Tier</b>	<b>Using number</b> Non calculator methods Types of numbers and sequences Indices and roots	<b>Developing algebra</b> Equations and inequalities	<b>Similarity</b> Congruence, similarity and enlargement Trigonometry	<b>Geometry</b> Angles and bearings Circles Vectors	<b>Proportional reasoning</b> Ratios and fractions Percentages and interest Probability	<b>Data Collecting</b> Representing and interpreting data

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<b>Music</b>	My Musical Identity Musical Elements	Ensemble composition & performance Conventions of Pop	Solo composition & performance criteria Rhythms of the world	Composition techniques & ensemble performance Concerto through time	Composition techniques & ensemble performance Concerto through time	Composing to a set brief Film Music
<b>Music Technology</b>	Music sequencers/DAWS Musical Elements	Dance Music Composition Conventions of Pop	Dance Music Composition Rhythms of the world	Ensemble performance – sequencing Concerto through time	Ensemble performance – sequencing Concerto through time	Composing to a set brief Film Music
<b>PE</b>	Unit 3: Physical training Unit 4: Health, fitness and Wellbeing	Unit 3: Physical training Unit 4: Health, fitness and Wellbeing	Unit 3: Physical training Unit 4: Health, fitness and Wellbeing	Unit 1: Applied anatomy and physiology Unit 5: Sport psychology Controlled assessment: PEP	Unit 1: Applied anatomy and physiology Unit 5: Sport psychology Controlled assessment: PEP	Unit 1: Applied anatomy and physiology Unit 5: Sport psychology Controlled assessment: PEP
<b>Religious Studies</b>	Christianity beliefs	Christianity practices	Islamic beliefs	Islamic beliefs and core practices	Islamic practices and religious compassion	Religion and life Creation beliefs



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<b>Science</b>	Organisation – animals Bonding & structure Electricity	Infection & response Chemical changes Matter	Bioenergetics Chemical changes Atomic structure	Bioenergetics Qualitative Chemistry Forces	Homeostasis & response Energy in Chemistry Forces	Homeostasis & response Rates Forces
<b>Spanish</b>	Identity and culture: free time activities	Identity and culture: family, friends, marriage, partnership Identity and culture: technology in everyday life	Identity and culture: customs and festivals Current/future study and employment: my studies	Current/future study and employment: life at school/college	Current/future study and employment: education post-16 Preparation for speaking PPE	Current/future study and employment: jobs and careers Reading, listening, writing PPE revision

## Year 11 [2022-23]

SUBJECT	TERM 1	TERM 2	TERM 3	TERM 4	TERM 5
<b>Art</b>	Portraiture National Portrait Gallery research and response Looking at the work of others	Portraiture Experimenting with materials and techniques Producing a final outcome	Exam project Researching the theme Observational drawing Responding to the work of others	Exam project Developing ideas Experimenting with materials and techniques	Exam project Producing a final outcome Final exam – 10 hours
<b>Art Graphics</b>	Travel Developing ideas and experimentation	Travel Producing final pieces	Exam project Researching the theme Observational drawing Responding to the work of others	Exam project Developing ideas Experimenting with materials and techniques	Exam project Producing a final outcome Final exam – 10 hours
<b>Art Photography</b>	Natural Forms Kew Gardens research and response Photography contextual research	Natural Forms Prepare for PPE final piece and experiment with materials and techniques. Produce a final response	Exam project Researching the theme Observational photography Responding to the work of others	Exam project Developing ideas Experimenting with materials and techniques	Exam project Producing a final outcome Final exam – 10 hours

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<b>Business Studies</b>	Controlled Assessment	PPE Revision Marketing completion and Customer Needs	Financial Management	People Management Wider World Affecting Business	Revision
<b>Citizenship</b>	Case Studies Citizenship in action Campaign projects	Campaign projects Politics beyond the UK	Identity and diversity	Relations beyond the UK Exam skills	Revision Exam skills
<b>Computing</b>	Programming Practice Exam Level Pseudocode Unit 5: Fundamentals of computer Networks	Programming Practice Exam Level Pseudocode Unit 6: Fundamentals of Cyber Security Focus on answering Essay style Questions. Revision (Unit 3)	Programming Practice Exam Level Pseudocode Unit 7: Impact of Digital Technology Focus on answering Essay style Questions. Revision (Unit 4)	Revision Exam Practice Planning for wildcard Essay Questions	Revision Exam Practice

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<b>Drama</b>	Practical Ways into Text Component 3 preparation	Component 3 Text in Practice Assessment Visiting Examiner Text exploration Characterisation	Component 3 Text in Practice Assessment Visiting Examiner Text exploration Characterisation	Exam Prep Component 1: Section A: General Section B: BB Section C: Live Theatre	Exam Prep Component 1: Section A: General Section B: BB Section C: Live Theatre
<b>English Language and English Literature</b>	An Inspector Calls	Language Paper 1 and Literature Paper 1 Revision	Language Paper 2 and Literature Paper 2 Revision	Revision	Revision
<b>Food Nutrition and Preparation</b>	Mock NEA1	NEA1	Revision	NEA2	Revision
<b>Fashion [Textiles]</b>	Culture/ Personal Investigation	Personal Investigation/ PPE	Personal Investigation/ Exam Paper	Exam Paper	Exam Paper
<b>French</b>	Local, national, international and global areas of interest: home, town, neighbourhood and region	Local, national, international and global areas of interest: social and global issues (charity, voluntary work, environment, poverty, homelessness, healthy living)	Local, national, international and global areas of interest: travel and tourism	Preparation for speaking exam Writing, reading and listening revision of all topics.	Revision

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<b>Geography</b>	Living with the Physical Environment: Hot deserts Challenges in the Human Environment: The changing economic world	Challenges in the Human Environment: The changing economic world	Challenges in the Human Environment: The challenge of resource management: Resource management and Water	Challenges in the Human Environment: The challenge of resource management: Water Living with the Physical Environment: Physical landscapes in the UK Coastal landscapes in the UK	Living with the Physical Environment: Physical landscapes in the UK Coastal landscapes in the UK
<b>Hair L2</b>	Anatomy and Physiology terminology Colouring L1 Part 1 - 3	Hair, Skin & Nail diseases & disorders Science of shampooing	PPE Revision Mock Exam	Projects Assignment Assessment	PPE Revision Exam

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<b>Health and Fitness and Sports Leadership</b>	Principles of health and fitness Healthy lifestyles Preparing and planning for health and fitness Develop a personal health and fitness programme	Principles of health and fitness Healthy lifestyles Preparing and planning for health and fitness Develop a personal health and fitness programme	Principles of health and fitness Healthy lifestyles Develop a personal health and fitness programme	Principles of health and fitness Healthy lifestyles Develop a personal health and fitness programme	Principles of health and fitness Healthy lifestyles Develop a personal health and fitness programme
<b>History</b>	The creation of a dictatorship, 1933– 34 The police state Controlling and influencing attitudes Opposition, resistance and conformity	Nazi policies towards women, the young, employment and living standards The persecution of minorities	Early Elizabethan England 1558-1588: Queen, government and religion Challenges to Elizabeth at home and abroad	Elizabethan society in the age of exploration	Complete Elizabethan England Revision

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<b>Mandarin Chinese</b>	Family and friends Relationship with family and friends A good friend Childhood Role Model	Jobs Future plans Going to University or not? Environment problems Protecting the environment	Societal problems Chinese and European festivals International events Technology and social media: advantages and disadvantages GCSE exams and pressure	Preparation for speaking exam Writing, reading and listening revision of all topics.	Revision
<b>Mathematics Higher Tier</b>	Equations of graphs Proportion Numerical methods Statistics	Simultaneous Equations Inequalities Sketching Graphs Growth and Decay Algebraic Fractions	Revision Set 1 – Further Mathematics	Revision Set 1 – Further Mathematics	Revision
<b>Mathematics Foundation Tier</b>	Probability Volume Quadratics Scatter Graphs	Inequalities Pythagoras Simultaneous Equations Algebra and Graphs	Algebra and Graphs Sketching Graphs Trigonometry Vectors	Revision	Revision

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<b>Music</b>	Composing to a set brief Conventions of pop	Composing to a set brief Rhythms of the world	Coursework completion Concerto through time	Listening focus - Areas of study 2-5	Revision
<b>Music Technology</b>	Composing to a set brief Conventions of pop	Composing to a set brief Rhythms of the world	Coursework completion Concerto through time	Listening focus - Areas of study 2-5	Revision
<b>Product Design</b>	Controlled Assessment	Controlled Assessment	Controlled Assessment	Controlled Assessment Revision	Revision
<b>Religious Studies</b>	Religion & life	Marriage & family	Crime & punishment	War & peace Revision	Revision
<b>Science</b>	Inheritance, variation and evolution Organic chemistry Waves	Ecology Chemical analysis Magnetism	Cell biology Chemistry of the atmosphere Electromagnetism	Key ideas Using resources and key ideas Key ideas	Revision Revision Revision
<b>Spanish</b>	Local, national, international and global areas of interest: home, town, neighbourhood and region	Local, national, international and global areas of interest: social and global issues (charity, voluntary work, environment, poverty, homelessness, healthy living)	Local, national, international and global areas of interest: travel and tourism	Preparation for speaking exam Writing, reading and listening revision of all topics.	Revision



