

Chorlton High School

Spring Term Progress Test Information for Students

For Year 10 Progress Tests students will be assessed on their learning from within the curriculum. Below is a list of some of the key focusses for students to use to structure their revision and study at home. Their class teachers will be able to guide them through specific aspects of the Year 10 Progress Tests taking place.

Subject	What I need to know	Key words I need to know	Subject	What I need to know	Key words I need to know
English	<p><u>Lord of the Flies</u> You will be asked to answer 10 recall questions which will test your knowledge on this text.</p> <ul style="list-style-type: none"> Understanding of the plot, the characters, what they symbolise and their relationships with others. Understanding of complex themes such as loss of innocence, fear and human nature as well as key symbols such as the beast, the conch etc. Understanding of the context of the novel The function and effect of an allegorical novel. Understanding of the big ideas and messages within the novel. <p><u>Topical Language Unit</u></p>	<ul style="list-style-type: none"> Democracy Microcosm Antithesis. Highlights Demonstrates Reinforces Mirrors Reveals 	Food Preparation and Nutrition	<p>Food Preparation Skills</p> <ul style="list-style-type: none"> British and International Cuisine British and International Cuisine- Practical link The practice and logging of different skills Sensory Evaluation <p>Food Safety and Preparing for assessment</p> <ul style="list-style-type: none"> Microorganisms, Enzymes and Food Spoilage- knowledge retrieval Microorganisms used in food production practical link cheese making. Food Poisoning bacteria- knowledge retrieval and extension Macronutrients and Micronutrients 	<ul style="list-style-type: none"> Organic Genetically Modified Hydroponics Intensive farming Crop rotation Fairtrade Homogenised Primary and Secondary processing Pasteurised Sterilised Evaporated Food Miles Carbon Footprint Food Waste Intensive Organic



	<p>You will be asked to read a short extract and use that extract to answer a Language Paper 1 Question 1 (listing information) and a Language Paper 1 Question 2 (evaluation/arguing your point of view)</p> <ul style="list-style-type: none"> Understanding of Language Paper 1 question 1 (listing information) and what the step-by-step approach is for answering this question. Understanding of Language Paper 1 question 4 (evaluation/arguing your point of view) and what the step-by-step approach is for answering this question. 			<ul style="list-style-type: none"> Energy differences and daily allowances Food provenance Milk & Wheat processing Food Probes - Practical link 	
Maths	<p>Clips are available on Sparx. The Sparx code is in brackets.</p> <p>Year 10 Foundation: 10Ma1 – 10Ma7 – 11</p> <ul style="list-style-type: none"> Types of numbers HCF (U529) Ratio (U687, U577) Solving Equations (U775, U325, U599) Indices (U235, U694) Best Buys (U721) Forming Expressions (U105) Pythagoras' Theorem (U385) Tree Diagrams (U558, U729) Nth term (U530, U498) 	<p>Key Terms are throughout your exercise books and should be used alongside the revision of these topics.</p>	French	<ul style="list-style-type: none"> Writing Describing a photo Translation 90 word essay Present tense Perfect tense Near and simple future tenses. 	<p>Vocab from key topics:</p> <ul style="list-style-type: none"> Theme 1.1 family Theme 1.2 Technology Theme 1.3 Free time activities Theme 1.4 Customs and Festivals Theme 2.1 home and Region



	<ul style="list-style-type: none"> • Substitution (U201, U585, U144) • Estimated Mean (U877) • Trigonometry (U605, U283, U545) • Standard form (U330, U534, U264, U290) • Speed (U151) <p>Clips are available on Sparx. The Sparx code is in brackets.</p> <p>Year 10 Foundation: Year 10 Higher 10Ma1 – 10Ma6</p> <ul style="list-style-type: none"> • Prime Factors (U739) • Angles in Parallel Lines (U826) • Area – Circles (U950) • Estimate the Mean (U877) • Speed (U151) • Negative and Fractional Indices (U985, U772) • Box Plots (U879, U837) • Recurring Decimals (U689) • Direct Proportion (U640) • Negative Enlargement (U134) • Venn Diagrams (U476) • Simultaneous Equations (U760) • Angles in Polygons (U427) • Trigonometry (U283, U545) • Compound Interest (U332) • Factorise and Solve Quadratics (U228) 	<p>Key Terms are throughout your exercise books and should be used alongside the revision of these topics.</p>			
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CHS Year 10 Exams

Science	Combined Science Biology Paper 1 4.1 Cell Biology <ul style="list-style-type: none"> Eukaryotes and prokaryotes Chromosomes and mitosis active transport 4.2 Organisation <ul style="list-style-type: none"> Plant tissues Plant organ systems 4.3 Infection and response <ul style="list-style-type: none"> communicable diseases viral diseases Bacterial diseases Fungal diseases Protist diseases Human defence systems Vaccination 4.4 Bioenergetics <ul style="list-style-type: none"> Photosynthetic reaction Rate of photosynthesis Use of glucose Aerobic and Anaerobic Response to exercise Metabolism 	<ul style="list-style-type: none"> Respiration Anaerobic Aquatic Oxidation Oxygen debt Accumulated Metabolism Pathogen Microorganism Antiretroviral Phagocyte Vaccination Lipase Amylase Protease Carbohydrase Stomach Small intestine Diffusion Absorption Statins Cholesterol Benign Malignant Tumour / cancer 	Geography	Global Hazards – Extreme Weather <ul style="list-style-type: none"> Global atmospheric circulation and causes of extreme weather. Extreme wind, precipitation and temperature in contrasting countries Tropical Storm distribution, frequency and conditions El Niño and La Niña Drought distribution, frequency and conditions Global Hazards – Tectonic Hazards <ul style="list-style-type: none"> Tectonic plates and Earth structure Plate Boundaries (constructive, destructive, conservative, collision and hotspots) Earthquakes – shallow vs deep Volcanoes – shield vs composite Managing the impact of tectonic hazards Urban Futures <ul style="list-style-type: none"> What is a city and why does it grow? World cities and megacities – characteristics and changing distribution since 1950. Urbanisation in LIDCs –push and pull factors or rural to urban migration and internal growth 	<ul style="list-style-type: none"> Anti-cyclones Atmospheric circulation Depressions Coriolis effect Eye wall Storm surge Torrential Anomalies El Niño La Niña Magnetosphere Subduction Density Trench Ridge Sedimentary Focus Epicenter Magnitude Richter Pyroclastic, Viscosity Dormant, Extinct Migrant Push, Pull Factor Internal Growth Slum Gentrification
3D Art & Design	Artist Analysis on the artists <ul style="list-style-type: none"> The Family Boyle Aaron Siskind 	<ul style="list-style-type: none"> Context, Mark Making, Theme, 	Health and Social Care	Human Growth and Development <ul style="list-style-type: none"> Introduction to Life Stages and PIES 	<ul style="list-style-type: none"> Health And Wellbeing Physical Anxiety



	<ul style="list-style-type: none"> Students will be marked on the quality of their photographic source material and their 3D low relief cardboard construction 	<ul style="list-style-type: none"> Observation, Representational, Process, Composition Layers Structure 		<ul style="list-style-type: none"> Physical Development (Early and Later Life Stages) Intellectual Development Emotional Development Social Development Language Development Social, Cultural and Economic Factors Relationships and Isolation <p>Life Events</p> <ul style="list-style-type: none"> Physical Events Life Circumstances Relationship Changes Adapting to Change Informal and Formal Support 	<ul style="list-style-type: none"> Impairments Substance Inclusion, Exclusion Discrimination Gender Identity Sexual Orientation Financial Resources Physiological Pulse Blood Pressure Body Mass Index (BMI) Abnormal Nutrition
Art	<p>Exploration of the theme Portraiture in Art through the work</p> <ul style="list-style-type: none"> Rosanna Jones Shanabrook Jean Faucher Abigail Reynolds <p>Students will be marked on the quality of their photographic self-portraits (Home Learning/After school sessions are available)</p>	<ul style="list-style-type: none"> Context, Mark Making, Theme, Observation, Representational, Process, Quality Of Line, Composition. 	History	<p>Anglo-Saxon England & The Norman Conquest</p> <ul style="list-style-type: none"> 1.01 Anglo Saxons Earldoms & Society 1.02 Monarchy, Church & Economy in Anglo-Saxon England 1.03 Role of Government & Witan 1.04 House of Godwin 1.05 Tostig: Uprising & Exile 1.06 Edward the Confessor 1.07 Succession Crisis of 1066 1.08 Contenders to the throne 1.09 Coronation of Harold Godwinson 1.10 Battle of Gate Fulford 1.11 Battle of Stamford Bridge 	<ul style="list-style-type: none"> Blood Feud Burh Cavalry Centralised Power Danelaw Danegeld Demense Domesday Book Earl Earldom Embassy Fealty Fief Feigned Retreat Feudal System Forest



				<ul style="list-style-type: none"> 1.12 The Battle of Hastings William I in power – Securing the kingdom, 1066-87 2.01 William's problems in 1066 2.02 Edgar Atheling & the Earls submission to William 2.03 Rewarding William's followers 2.04 Establishing control of the Earls 2.05 Motte & Bailey castles 2.06 Rebellion in 1068-1071 2.07 Harrying of the North 2.08 Changes to landownership and the Feudal System 2.09 Sheriffs, Domesne and Forest 2.10 Norman changes to government 2.11 Domesday Book 2.12 Revolt of the Earls 1075 Norman England, 1066-88 3.01 Normanisation of the Church 3.02 Culture of Norman Aristocracy 3.03 Language of Norman Aristocracy 3.04 Career and Significance of Bishop Odo 3.05 William the Conqueror's Succession 3.06 William Rufus and the Baronial Rebellion 	<ul style="list-style-type: none"> Forfeiture Fyrd God's Will Heir Land Grab Marcher Earldom Motte and Bailey Monarch Nepotism Northumbria Normanisation Papal Banner Pluralism Primogeniture Regent Simony Shire Reeves Succession Subinfeudation Submission Tenants-in-Chief
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Photography	<ul style="list-style-type: none"> Analysis of the following artists: <ul style="list-style-type: none"> Laurence De Maison Miguel Leal Rosanna Jones Shannanrook Jean Faucher Understand the formal rules of portraiture. <p>Students will be marked on the quality of their photographic self-portraits (Home Learning/After school sessions are available)</p>	<ul style="list-style-type: none"> Portraiture Genre Aperture Shutter Speed F Stop ISO Depth Of Field Composition Narrative. 	Media Studies	<p>CSP: Advertisement</p> <ul style="list-style-type: none"> Development of Advertisements. OMO advertisement Galaxy advertisement NHS advertisement <p>4 Concepts:</p> <ul style="list-style-type: none"> Media Audience. Media Language. Media Representation. Media Industry <p>CSP: Radio</p> <p>Development of Music Business.</p> <ul style="list-style-type: none"> Tony Blackburn and <u>Radio 1</u> <u>KISS FM</u> Breakfast with Jordan and Perri <p>2 concepts:</p> <ul style="list-style-type: none"> Media Industry Media Audience 	<ul style="list-style-type: none"> Convention Denotation Connotation Target audience Gratifications Protagonist Antagonist Representation Stereotype Conglomerate Demographics Mise-en-scene Jingle Preferred reading Public Service Broadcasting Niche audience
Business	<p>Business in the real world</p> <ul style="list-style-type: none"> The purpose & nature of businesses Types of Business ownership How a business sets business aims and objectives Stakeholders Business location Business planning Expanding a business <p>Influences on business</p> <ul style="list-style-type: none"> Technology (Used within Business) Ethical and environmental considerations made by businesses 	<ul style="list-style-type: none"> Stakeholders E-commerce M-commerce Sustainability Economy Overdraft Globalisation Multinational Investment Legislation Recession Diversification 	Music	<p>Western Classical Tradition 1650-1910</p> <ul style="list-style-type: none"> Reading staff notation of up to 12 bars of unfamiliar music Understanding rhythms and metre (simple and compound time) Musical Vocabulary linked to dynamics and articulation melody and sonority (timbre) Contextual information about Mozart 	<ul style="list-style-type: none"> Articulation Intervals Rubato Anacrusis Hemiola Cadenza Accidentals Scotch Snap Phrasing



	<ul style="list-style-type: none"> The economic climate of business Globalisation (how this impacts Business) Legislation (Used within Business) The competitive environment 			<ul style="list-style-type: none"> Musical Vocabulary linked to Structure, texture, tempo, metre and rhythm Contextual information about Western Classical Tradition 1650-1910 	
Computer Science	<ul style="list-style-type: none"> Purpose of the CPU and the FDE Cycle CPU performance & Characteristics affecting performance Purpose of embedded systems Primary Storage – RAM & ROM Secondary storage – definition, common types & characteristics Computational Thinking – IPO: inputs, processes, and outputs for a problem Syntax & Logic Errors Programming Constructs – Sequence & Selection Arithmetic Operators Variables Data types: String / Integer 	<ul style="list-style-type: none"> Operating System Logical Operators AND, OR, NOT) Logical Expressions Truth Tables Logic Gates Logic Circuits Artificial Intelligence Machine Learning 	Music Technology	Component 1: Exploring Music <ul style="list-style-type: none"> Products and Styles Styles of music Techniques to create music Variety of musical elements Stylistic features Characteristics in musical theory 	<ul style="list-style-type: none"> Compression Delay Panning Audience EQ Reverb Bounce Chorus Mp3
Dance	Performance Duet/Trio performance piece task Theory focus Section A/B (Performance skills, Nutrition & Training)	<ul style="list-style-type: none"> Physical skills Technical skills Expressive skills Mental skills Stimulus Choreographic process Choreographic intention Structure 	PE	Suitable for GCSE PE and Sport Studies Thinking Skills <ul style="list-style-type: none"> Basic & advanced Strategies Basic & advanced Tactics Formations Applied Anatomy & Physiology: Structure & function of the body systems (GCSE) 	Activity/Sport specific terminology (dependent on activity sport covered) <ul style="list-style-type: none"> Antagonistic muscle pairs Dorsi-flexion Plantar-flexion Formation Set plays



				<ul style="list-style-type: none"> • Classification of bones, joints, muscles, and blood vessels (GCSE) • Short & long term effects of exercise on the body systems (GCSE) • Principles of Training (GCSE) • Components of Health related fitness • Components of Skill-related fitness • Training methods (GCSE) • Fitness Testing (GCSE) • SMART Targets (GCSE) • Positive & Negative impact of Media on Sport (Sport Studies) • Different sources of media in sport (Sports Studies) 	<ul style="list-style-type: none"> • Commercialisation • Gaseous exchange
Design and Technology	<ul style="list-style-type: none"> • Materials and their Properties (wood, metal, plastic, textiles, paper card and boards) • Systems Design (Electronics) • Industry and Automation • Production techniques • Sustainability • User centred design • CAD/CAM • The work of others • Design Principles 	<ul style="list-style-type: none"> • Modification • Component • Properties • Quality control • Tolerance • Wasting • Electrical conductivity • Thermal conductivity • Strength, Hardness, Toughness, Malleability, Ductility, Elasticity 	Performing Arts	<ul style="list-style-type: none"> • Students will be expected to analyse the style of a professional performance through the production of a logbook and participation of a rehearsal process under exam conditions. • Students will then apply that style to their own performance under practical exam conditions. • They need to be able to identify the skills of an actor, director and other job roles in the industry such as playwright, lighting technician, costume designer and sound designer. 	<p>Key Vocabulary: Rehearsal process</p> <ul style="list-style-type: none"> • Refine Improve initial work, taking feedback into account. • Reflect Think carefully and review information and/or performance, • Includes articulating ideas, concepts, activities, findings or features. • Review Assess formally based on appropriate evidence or information with



					<ul style="list-style-type: none"> The intention of instituting change if necessary.
Digital Information Technology	<ul style="list-style-type: none"> User Interfaces: GUI / CLI Audience Needs: Accessibility features Design Principles: Colour, Font style/size, Layout, Language Designing efficient User Interfaces: <ul style="list-style-type: none"> Ensuring buttons/links are distinguishable Standout content/objects Related object placement Project Planning Techniques: Task lists, Mood boards, mind maps, Gantt Charts Project Methodologies: Waterfall User Requirements & Needs 	<ul style="list-style-type: none"> Characteristics Context Structure Data Table, Graphs/Charts Sparkline Infographic Validation Verification Primary Data Secondary Data Sample Privacy & Fraud 	Religious Studies	Christian Beliefs <ul style="list-style-type: none"> The nature of God The trinity Christian Creation Story Beliefs about the afterlife and their importance Jesus Christ and salvation The incarnation and Jesus as the Son of God The crucifixion, resurrection and ascension sin, including original sin, and salvation Relationships and Families – at least two different religious views on: <ul style="list-style-type: none"> Sex, marriage and divorce Heterosexual and homosexual relationships. Sexual relationships before and outside of marriage. Contraception The nature and purpose of marriage. Same-sex marriage and cohabitation. Divorce Families and gender equality <ul style="list-style-type: none"> The nature of families The purpose of families 	<ul style="list-style-type: none"> Omnipotent Benevolent Inconsistent triad Trinity Crucifixion Resurrection Ascension Salvation Heterosexual Homosexual Contraception Cohabitation Nuclear family Procreation Polygamy



				<ul style="list-style-type: none"> Contemporary family issues including: <ul style="list-style-type: none"> same-sex parents polygamy. The roles of men and women. Gender equality, prejudice and discrimination. 	
Drama	<p>Devising Drama</p> <ul style="list-style-type: none"> Introduction to devising stimuli and practitioners. Understand the concept of political theatre and theatre intention. <p>Introduction to Epic Theatre.</p> <ul style="list-style-type: none"> Be able to identify and apply Brechtian techniques <p>Logbook 1</p> <ul style="list-style-type: none"> Response to Stimulus All students should be able to recognise the success and areas for improvement of the collaborative process of devising drama from a stimulus. Know the key structure of What, Quote, How, Why, Why in order to analyse and evaluate their contribution. 	<ul style="list-style-type: none"> Concept Collaborative Stimulus Brechtian Epic Didactic Genre Structure Character Form Style Terminology Configuration 	Spanish	<ul style="list-style-type: none"> Writing Describing a photo Translation 90 word essay Present tense preterit tense Near and simple future tenses. 	<ul style="list-style-type: none"> Theme 1.1 family Theme 1.2 Technology Theme 1.3 Free time activities Theme 1.4 Customs and Festivals Theme 2.1 home and Region Theme 2.4 Holidays



Year 10

BE A SCHOLAR

CHS Year 10 Exams

Enterprise and Marketing	<ul style="list-style-type: none"> • Purpose and Nature of Business • Business Ownership • Segmentation • The Purpose and Methods of Market Research • The Elements of the Marketing Mix: Price, Product, Promotion and Place (4Ps) 	<ul style="list-style-type: none"> • Innovation, Risk-taking • Communication • Negotiation • Determination • Financial/Commerce • Profit • Retention • Franchise 	Sport Studies	Suitable for Sport Studies Thinking Skills <ul style="list-style-type: none"> • Basic & advanced Strategies • Basic & advanced Tactics • Formations • Components of Health related fitness • Components of Skill-related fitness • Positive & Negative impact of Media on Sport • Different sources of media in sport 	Activity/Sport specific terminology (dependent on activity sport covered) <ul style="list-style-type: none"> • Antagonistic muscle pairs • Dorsi-flexion • Plantar-flexion • Formation • Set plays • Commercialisation • Gaseous exchange
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