

KS3 Subject Curriculum Overview - Summer Term 2024 - Year 8

Maths		
Topic(s)	Content	Links to further material
Number; Space, Shape and Measure; Algebra; Handling Data.	<ul style="list-style-type: none"> • Showing Fraction Calculations (without a calculator) • Working with Linear Equations – Solving equations that may include; expansion of brackets and Inverse operations. Also including Fraction/Negative/Decimal solutions. • Ratio problem solving – Using ratio to find amounts, or split amounts. • Area/Circumference of Circles – Using formula to calculate areas and circumference of circles. Including compound shapes made from parts of circles. • Average calculations from different data sets – Finding Mean, Mode, Median and Range from both lists of data and Tables where frequency or grouped frequency may be given. • Transformations of Shapes – Rotation, Reflection, Translation and Enlargement • Straight Line Graphs – plotting points and drawing graphs from an equation of a line. • Probability – using information and expressing probabilities as Fractions, Decimals or Percentages. 	<p>DrFrostMaths Year 8 Course contains detailed content in sections based upon what topics will be taught through the Summer Term.</p> <p>MHS Maths Keywords</p>
Assessment types / points	End of year Assessment covering any content seen throughout Year 8 or 7 (however there is a focus on Year 8 content mostly).	
Links to departmental assessment criteria	Grade Boundaries Bellcurve Example for Parents	

English		
Topic(s)	Content	Links to further material
<p>Shakespeare: 'Much Ado About Nothing'</p> <p>Summer Exam Preparation: Reading and writing skills for responding to an unseen fiction extract and writing creatively</p>	<ul style="list-style-type: none"> • Developing knowledge and understanding of context. Reading 'Much Ado About Nothing' with focus on key extracts. Development of analytical skills, understanding character development and consideration of the author's craft as well as the impact of contextual factors. • Reading comprehension practice. Analysis of language and structure. Narrative and descriptive writing practice. 	<p>Much Ado about Nothing Shakespeare</p> <p>Key Terms in Much Ado About Nothing Shakespeare</p> <p>Recommended workbook for summer exam preparation: AQA KS3 English Language: Key Stage 3: Year 8 test workbook by Helen Backhouse, published by Oxford University Press.</p> <p>Fiction writing - KS3 English - BBC Bitesize</p> <p>Literary Devices Literary Terms</p> <p>Literature Key Words</p>
Assessment types / points	End of year assessment to include reading and responding to an unseen fiction text and producing a piece of creative writing.	
Links to departmental assessment criteria	KS3 and GCSE Grade Descriptors	

Biology		
Topic(s)	Content	Links to further material
Inheritance, variation, natural selection, extinction and conservation	<ul style="list-style-type: none"> • DNA and inheritance • Continuous and discontinuous variation • Natural selection • Extinction and conservation 	Pages 79 – 89 in the Green Study and Question Books Bio Keywords Ecology
Assessment types / points	End of Year written examination will be on all work from the Year. End of Topic assessment after each topic ends. These may be written or online.	
Links to departmental assessment criteria	Assessment is based on recall, application of knowledge practical skills and maths skills. Grade Boundaries Bellcurve Example for Parents	

Chemistry		
Topic(s)	Content	Links to further material
Everyday Chemistry.	<ul style="list-style-type: none"> • Using resources • Sustainability • Recycling and waste management, • Ceramics, polymers and composites • Fuels, medicines and cooking 	Pages 46-47 and pages 87-92 red revision guides Sample Questions
Assessment types / points	End of Year written examination will be on all work from the Year. End of Topic assessment after each topic ends. These may be written or online.	
Links to departmental assessment criteria	Assessment is based on recall, application of knowledge practical skills and maths skills. Grade Boundaries Bellcurve Example for Parents	

Physics		
Topic(s)	Content	Links to further material
Magnetism – to finish Forces	<ul style="list-style-type: none"> • Investigating electromagnets • Uses of electromagnets • Forces • Moments • Elasticity • pressure 	Study book pages: 42, 48 – 57 and 101 Individual lesson materials on Showbie Magnetism Contents Page Forces Contents Page Useful website: Motion and Speed
Assessment types / points	End of Year written examination will be on all work from the Year. End of Topic assessment after each topic ends. These may be written or online.	
Links to departmental assessment criteria	Assessment is based on recall, application of knowledge practical skills and maths skills. Grade Boundaries Bellcurve Example for Parents	

French		
Topic(s)	Content	Links to further material
Studio 2 Module 3: Personality and Family Relationships	<ul style="list-style-type: none"> • Describing ourselves in more detail. • Describing personality with adjectival agreement. • Describing family relationships. • Talking about clothes. • Using 3 tenses: present, perfect & near future to say what we normally do, have done and are going to do with friends / family. 	Sentence builders in books Showbie links for grammar & vocabulary Quizlet class containing vocabulary topics
Assessment types / points	End of Year examination in all four key skills (listening, reading, speaking & writing)	
Links to departmental assessment criteria	STEP Boundaries in books and on Showbie Speaking STEPS Writing STEPS	

Spanish		
Topic(s)	Content	Links to further material
Viva 2 Module 3	<ul style="list-style-type: none"> • Mealtimes: food & drink • Restaurant interactions • Using 3 tenses: present, preterite & near future to say what we normally eat, have eaten and are going to eat 	Showbie links for grammar & vocabulary Comprehensive vocabulary lists in exercise book
Assessment types / points	End of Year examination in all four key skills (listening, reading, speaking & writing)	
Links to departmental assessment criteria	STEP Boundaries in books and on Showbie Speaking STEPS Writing STEPS	

German

German		
Topic(s)	Content	Links to further material
Stimmt 2 Module 2. (If possible Module 4).	<ul style="list-style-type: none"> • Free time and leisure activities • Describing films, programmes, reading and music with opinions • Using the present tense to say what we and others normally do in our free time • Using the perfect (past) tense to say what we have done in our free time with opinions • Learning the future tense to say what activities we will do 	Vocabulary pages in textbook Vocabulary & grammar links on Showbie
Assessment types / points	End of Year examination in all four key skills (listening, reading, speaking & writing)	
Links to departmental assessment criteria	STEP Boundaries in books and on Showbie Speaking STEPS Writing STEPS	

History		
Topic(s)	Content	Links to further material
American Civil Rights Movement	<ul style="list-style-type: none"> The slave trade and life on plantations The American Civil War and Jim Crow Laws Civil Rights Movements: Brown Vs Board, Little Rock, Emmett Till and the Montgomery Bus Boycott 	All lessons on Showbie
Assessment types / points	End of year assessment	
Links to departmental assessment criteria	Grade Descriptors - History	

Latin		
Topic(s)	Content	Links to further material
Stages 12-13.	<ul style="list-style-type: none"> Language: more complex sentence construction, the present tense of volo, nolo, possum, the present active infinitive. Background: a project on the eruption of Vesuvius in AD79; rural life in Roman Britain in the 1st Century AD. 	Vocab Tester for chosen stages: Book 1 - CLC - Book I Vocabulary Tester Book 2 - CLC - Book II Vocabulary Tester Online activities to practise grammar (organised by stage): Book 1 - Book I Cambridge Latin Course Book 2 - Book II Cambridge Latin Course Y8 Latin - Summer Term Key Words
Assessment types / points	End of Year Assessment assessing knowledge of grammar covered throughout Y8 and Latin comprehension skills. Vocabulary will be assessed regularly throughout the year.	
Links to departmental assessment criteria	KS3 Latin Grade Descriptors	

Religious Studies		
Topic(s)	Content	Links to further material
Islam	<ul style="list-style-type: none"> • The Origins of Islam • The Prophet Muhammad • The Quran • The Five Pillars of Islam • Global issues/topics on Islam 	<p>Useful Websites:</p> <p>BBC - Religion: Islam The Religion of Islam</p> <p>Key words we will learn this term – link below:</p> <p>Key Words Summer Term Y8</p>
Assessment types / points	<p>End of year assessment which will include a range of questions worth 1, 2 and 4 marks. Questions worth 1 and 2 marks will assess knowledge and recall of key terms and religious concepts. Questions worth 4 marks will examine the ability to explain how lives are affected due to religious belief.</p>	
Links to departmental assessment criteria	<p>Religious Studies KS3 Levels</p>	

Art		
Topic(s)	Content	Links to further material
Examination Project – Nature Completion on Jungle mixed media project Animal Ceramics – depending on time	<ul style="list-style-type: none"> • Preparatory sketchbook work for summer examination – research, planning, compositions, experimentation with materials, written analysis of artist’s work • Relief jungle projects from Spring term. • 3D manipulation of clay. 	Art Words Shape, Texture, Form, Line, Colour, Art Historical, Paint , Tone , Shading Blending, Mixing, Collage, Mixed Media 3D, Abstract, Pattern, Composition Realistic, Portrait, Landscape, Still Life Textiles, Preparatory Studies Space, Volume www.nationalgallery.org.uk www.tate.org.uk https://courtauld.ac.uk
Assessment types / points	End of Year Examination Project	
Links to departmental assessment criteria	Year 8 Exam Assessment Sheet	

Drama		
Topic(s)	Content	Links to further material
Study of a Drama text.	<ul style="list-style-type: none"> • Explore Drama text from a performing, directing and production perspective. 	<p>Drama Words Improvisation, Devising, Role Play, Script, Role, Character, Thought Tracking, Narration, Freeze Frame/Still Image, Theatre, Space, Status, Tension, Focus, Mood, Expression, Vocalise, Tone, Levels, Lines, Stage Directions, Monologue, Duologue, Lighting, Costume, Set, Makeup, Sound, Blocking, Performance, Masks, Theatre History, Acting,</p> <p>www.vam.ac.uk</p>
Assessment types / points	Practical Performance at end of term	
Links to departmental assessment criteria	<p>5+ Excellent - Participates with enthusiasm and produces perceptive and imaginative practical work. Has a strong understanding of all aspects of Drama.</p> <p>4-5 Very Good - Enjoys all aspects of practical work and skills are developing well. Clear understanding of Drama devices and production elements.</p> <p>3-4 Good - Interesting practical responses. Has gained in confidence and is able to use most Drama devices in her work. Imaginative design work.</p> <p>2-3 Inconsistent - Not always focused. Capable of working well but concentration and involvement too variable.</p> <p>1-2 Disappointing - Shows little interest and is reluctant to participate in practical or design activities</p>	

ICT		
Topic(s)	Content	Links to further material
Computers Project Python Coding	<ul style="list-style-type: none"> • Learn about the different parts of a computer and what they do • Understand the role of the CPU and system memory (RAM) • Understand binary numbers and why they are important in computing • Complete coding projects using Python to create a range of different programs. 	Links to extension activities on Showbie
Assessment types / points	End of Year examination comprising practical task (using Office) and questions based on topics covered throughout the year	
Links to departmental assessment criteria	See Showbie	

Food Preparation & Nutrition		
Topic(s)	Content	Links to further material
Nutrients and health eating Seasonality and Food provenance	<ul style="list-style-type: none"> • Nutrients and dietary needs through life – children, teenagers, adults, older adults. • Food Science – experiments using different raising agents in cakes. • Practical skills – using seasonal fruits in cakes/desserts. Electrical equipment and presentation skills 	Key Words: Macronutrients – protein, carbohydrates, fats Micronutrients – vitamins and minerals
Assessment types / points	End of Year Food & Nutrition exam	
Links to departmental assessment criteria	Yr8 Food & Nutrition Assessment Criteria	

Music		
Topic(s)	Content	Links to further material
Found Sounds	<ul style="list-style-type: none"> • Representing the elements of music with found sounds: Melody, Rhythm, Harmony, Texture, Structure, Tonality • Music doesn't always need to be created using instruments. Many people use found sounds to make music. • Musique concrète - the original found sounds • Ambient sound - Use a constant sound in the background to set the scene and compose music over the top. This is used by Blood Orange in <i>Orlando</i>. • Percussive beats - Use shorter sounds to create a found sound beat. Lower sounds can take the place of the bass drum and higher sounds could replace the snare or hi-hats. • Music technology - Import your sounds into a music production app or sampling keyboard. Use it to create a beat or melody with the samples by pressing the keys or buttons. 	
Assessment types / points		
Links to departmental assessment criteria		

PE		
Topic(s)	Content	Links to further material
Athletics Swimming Tennis Cricket	<ul style="list-style-type: none"> • Track and field techniques, timing and measuring. • Bronze and Silver Challenge • Serve development, Slice, Volley, outwitting an opponent • Fielding skills, Bowling development, Batting development, Positional roles, Tactics and strategies to outwit an opponent 	
Assessment types / points	Continuous observation of progress throughout the unit.	
Links to departmental assessment criteria	KS3 Games Assessment Criteria	

Geography		
Topic(s)	Content	Links to further material
Coasts	<ul style="list-style-type: none"> • Understanding where the coast is and its uses • Waves and tides • Erosion and weathering • Formation of headlands and bays • Formation of caves, arches, stacks & stumps • Protecting the coast (sea defences) 	Key terms for the topic Summer Term - Coasts
Assessment types / points	End of year assessment	
Links to departmental assessment criteria	KS3 Grade Descriptors Geography	