



KING HENRY VIII SCHOOL

Ysgol Brenin Harri'r VIII

Key Stage 3 Subject Summaries 2018/19

The table below gives an outline of the topics taught by each subject at Key Stage 3

SUBJECT	YEAR	AUTUMN	SPRING	SUMMER
English	7	<ul style="list-style-type: none"> Chronicles Class reader – Holes 	<ul style="list-style-type: none"> Poetry Mars Project 	<ul style="list-style-type: none"> Creative Writing Shakespeare
	8	<ul style="list-style-type: none"> Crime and Punishment Class Reader – Mr Creecher 	<ul style="list-style-type: none"> Great Expectations Superheroes 	<ul style="list-style-type: none"> Superheroes Poetry
	9	<ul style="list-style-type: none"> War Poetry Class Reader – Choice: <ul style="list-style-type: none"> Boy in the Striped Pyjamas Private Peaceful Animal Farm 	<ul style="list-style-type: none"> Prison Break Class Reader: Stone Cold 	<ul style="list-style-type: none"> Narrative Writing Start of GCSE: Of Mice and Men
Mathematics	7	<ul style="list-style-type: none"> Number and data handling <ul style="list-style-type: none"> Number properties, rounding, directed numbers, fractions, decimals and percentages Drawing and interpreting graphs, probability and averages 	<ul style="list-style-type: none"> Shape and space <ul style="list-style-type: none"> Shape properties, angles, transformations, perimeter, area and volume 3D shapes nets and drawing, constructions, loci and congruence Ratios and proportionality 	<ul style="list-style-type: none"> Algebra <ul style="list-style-type: none"> Substitution, forming and solving equations and simplifying expressions Sequences Repair and reflect activities after the end of year tests
	8	<ul style="list-style-type: none"> Number and data handling <ul style="list-style-type: none"> Number properties, rounding, directed numbers, fractions, decimals and percentages. Drawing and interpreting graphs, probability and averages 	<ul style="list-style-type: none"> Shape and space <ul style="list-style-type: none"> Shape properties, angles, transformations, perimeter, area and volume 3D shapes nets and drawing, constructions, loci and congruence Ratios and proportionality 	<ul style="list-style-type: none"> Algebra <ul style="list-style-type: none"> Substitution, forming and solving equations and simplifying expressions Sequences Repair and reflect activities after the end of year tests
	9	<ul style="list-style-type: none"> Number and data handling <ul style="list-style-type: none"> Number properties, rounding, directed numbers, fractions, decimals and percentages. 	<ul style="list-style-type: none"> Shape and space <ul style="list-style-type: none"> Shape properties, angles, transformations, perimeter, area and volume 	<ul style="list-style-type: none"> Algebra <ul style="list-style-type: none"> Substitution, forming and solving equations and simplifying expressions Sequences

		<ul style="list-style-type: none"> ○ Drawing and interpreting graphs, probability and averages 	<ul style="list-style-type: none"> ○ 3D shapes nets and drawing, constructions, loci and congruence ○ Ratios and proportionality 	<ul style="list-style-type: none"> ○ Repair and reflect activities after the end of year tests
The general topics covered in Mathematics at KS3 are similar in all year groups, but the depth and difficulty of the material is dependent on the age and ability of the class. In addition the teacher may decide to spend longer on a particular topic or use enrichment material to deepen or strengthen understanding.				
Science	7	Murder most foul: Pupils use labs techniques such as chromatography and the Benedict's test to solve a murder	At the Theme Park: Pupils study the cardiovascular system and respiration as well as exothermic reactions and the science of fireworks. Forces and energy changes are investigated.	Movie Myth Busters and Science Shorts: Pupils study the skeleton, the eye and cloning. They will also study moments and try to find regions of the galaxy where human life can exist.
	8	Biology: Disease and antibiotics Chemistry: The three states of matter, Periodic table, Elements, mixtures and compounds Physics: Life on Mars, Getting to Mars, How to sustain life on Mars	Biology: Human reproduction, diet Chemistry: Acids and Alkalis, Catalysts Physics: Energy sources	
	9	Biology: Energy in food Chemistry: The effect of temperature on the rate of reaction Physics: Water waves	Biology: Digestion and Feeding, Relationships Chemistry: Rates of chemical change Physics: Radioactivity	
Design Technology	7	Product Design Headphone wrap	Fashion and textiles Pop-up letters	Food and Nutrition Healthy eating and skills
	8	Product Design LED Lighting	Fashion and textiles Themed Cushion	Food and Nutrition Italian Pasta dish and world food
	9	Product Design Designer Clocks	Fashion and textiles Funky bags	Engineering design Passive speakers
Technology works on a rotation, with all students accessing the units but not in the same order				
ICT	7	<ul style="list-style-type: none"> • Security and standard ways of working including e-safety 	<ul style="list-style-type: none"> • Internet Safety • Privacy & Security • Relationships & Communication • Cyberbullying • Creative Credit & Copyright • Information Literacy <p>The pupils will access the resources via their Hwb log in. Providing internet access is available at home students can access anytime anywhere learning.</p>	<ul style="list-style-type: none"> • In control <ul style="list-style-type: none"> ○ Topic whereby the pupils will build a game using Scratch coding software.
	8	<ul style="list-style-type: none"> • Staying safe when 'Shopping Online' • Creating a website design using html coding and website design software. 	<ul style="list-style-type: none"> • Internet Safety • Privacy & Security • Relationships & Communication • Cyberbullying 	<ul style="list-style-type: none"> • Algorithms and programming • The pupils will be using Flowol software for investigating flowcharts and algorithms. • Java Script & Python programming. • Introduction to binary

			<ul style="list-style-type: none"> • Creative Credit & Copyright • Information Literacy <p>The pupils will access the resources via their Hwb log in. Providing internet access is available at home students can access anytime anywhere learning.</p>	
	9	<ul style="list-style-type: none"> • New Technologies <ul style="list-style-type: none"> ○ Investigation and presentation of findings to a class audience. ○ Creating a report on the impact of ICT in our daily lives. 	<ul style="list-style-type: none"> • Let's Communicate <ul style="list-style-type: none"> ○ On the Move 	<ul style="list-style-type: none"> • Entertain Me <ul style="list-style-type: none"> ○ Working collaboratively/smart working
Geography	7	<ul style="list-style-type: none"> • Developing Map Skills • Settlement 	<ul style="list-style-type: none"> • Ecosystems – Tropical Rainforests 	<ul style="list-style-type: none"> • Faraway places – an introduction to the geographies of Australia and Africa
	8	<ul style="list-style-type: none"> • Impossible Places 	<ul style="list-style-type: none"> • How Rivers Work • The Geography of Football 	<ul style="list-style-type: none"> • Weather and Climate • Investigation – “Does the microclimate vary across the site at KHS?”
	9	<ul style="list-style-type: none"> • Migration: A changing society. • Tropical storms- What are the causes and impacts of tropical storms? 	<ul style="list-style-type: none"> • Plate tectonics: Managing the hazards of earthquakes & volcanoes. 	<ul style="list-style-type: none"> • Shopping – How and why are shopping patterns changing?
History	7	<ul style="list-style-type: none"> • What was life like in Medieval times? • Why did Harold lose the Battle of Hastings? 	<ul style="list-style-type: none"> • How successfully did the Normans conquer England and Wales? 	<ul style="list-style-type: none"> • What problems did Medieval Kings face? • How and why did Castles in Wales change 1100 - 1500?
	8	<ul style="list-style-type: none"> • What was life like in Tudor Times? • Henry VIII: Star or Monster? 	<ul style="list-style-type: none"> • What problems did Elizabeth face and how well did she deal with them? 	<ul style="list-style-type: none"> • What caused the Civil War and how did it affect people's lives? • Why did the monarchy change 1500 – 1760?
	9	<ul style="list-style-type: none"> • How did the Industrial Revolution impact on Wales? • Was Merthyr a vision of hell during the Industrial Revolution? 	<ul style="list-style-type: none"> • How useful is the film Titanic as historical evidence? • What was it like to be a soldier in the Great War? 	<ul style="list-style-type: none"> • What factors shaped events in the 20th century?
Religious Education	7	<ul style="list-style-type: none"> • Introduction to world religions • What is faith? 	<ul style="list-style-type: none"> • Religion, Faith and Worship 	<ul style="list-style-type: none"> • Why should we help others?
	8	<ul style="list-style-type: none"> • Religious beliefs about God 	<ul style="list-style-type: none"> • Religious beliefs, teaching and practices about forgiveness 	<ul style="list-style-type: none"> • Introduction to ethics: Spirited Arts Project
	9	<ul style="list-style-type: none"> • Religion and the media. 	<ul style="list-style-type: none"> • What is Truth? 	<ul style="list-style-type: none"> • Start of GCSE: Hinduism
Art	7	<ul style="list-style-type: none"> • Colour Theory 	<ul style="list-style-type: none"> • Kandinsky 	<ul style="list-style-type: none"> • Observational drawing
	8	<ul style="list-style-type: none"> • Impressionism <ul style="list-style-type: none"> ○ Monet ○ Seurat 	<ul style="list-style-type: none"> • Impressionism <ul style="list-style-type: none"> ○ Van Gogh ○ Cezanne 	<ul style="list-style-type: none"> • Impressionism <ul style="list-style-type: none"> ○ Landscape painting
	9	<ul style="list-style-type: none"> • Day of the Dead <ul style="list-style-type: none"> ○ Videos 	<ul style="list-style-type: none"> • Day of the Dead <ul style="list-style-type: none"> ○ Paper cut outs 	<ul style="list-style-type: none"> • Day of the Dead <ul style="list-style-type: none"> ○ Textiles

Music	7	<ul style="list-style-type: none"> • Music theory and performance 	<ul style="list-style-type: none"> • The elements of music • Music from Africa 	<ul style="list-style-type: none"> • Program music • Music ensemble performance
	8	<ul style="list-style-type: none"> • The Blues • Composing incidental music (Drama) 	<ul style="list-style-type: none"> • Music from China • Music of the Classical period 	<ul style="list-style-type: none"> • Music from Wales • Performing as a musical ensemble
	9	<ul style="list-style-type: none"> • Pop music • Music for film 	<ul style="list-style-type: none"> • Free composition – composing to a brief • Orchestral music of the 20th century 	<ul style="list-style-type: none"> • Musical theatre • Pop music performance
Drama	7	<ul style="list-style-type: none"> • Origins of Drama • Building and Creating a Character • Christmas in the Trenches 	<ul style="list-style-type: none"> • Script Read: Pupils explore characters and plotlines from Ernie’s Incredible Illucinations • Mask Design • Mime & Silent Movies 	<ul style="list-style-type: none"> • Stage Space • Creating Tension • Roald Dahl works • Puppet Theatre
	8	<ul style="list-style-type: none"> • Script reading: Pupils read The Terrible Fate of Humpty Dumpty • Lighting Design • Beowulf 	<ul style="list-style-type: none"> • Costume Design • Evacuees: Creation of a soundscape and tableaux. • Theatrical Make-Up • Ensemble role-play 	<ul style="list-style-type: none"> • T.I.E. (Theatre in Education): Pupils create educational performances. • Alice in Wonderland: Exploring non naturalistic theatre conventions. • Shakespeare with a modern twist
	9	<ul style="list-style-type: none"> • Devising Drama • Script Writing - A group project where the pupils write their own script, complete a set design, costume designs and cover design. 	<ul style="list-style-type: none"> • Physical Theatre - exploring using their bodies to create imagery, scenery and symbolic drama. • Advert Theatre - Performing a TV advert to promote a product 	<ul style="list-style-type: none"> • Radio Plays - Pupils explore creating SFX and characters in existing radio plays. • Script Read - Pupils study Blood Brothers.
French	7	<ul style="list-style-type: none"> • All about me 	<ul style="list-style-type: none"> • Family and friends 	<ul style="list-style-type: none"> • House and Home
	8	<ul style="list-style-type: none"> • My town 	<ul style="list-style-type: none"> • Daily routines 	<ul style="list-style-type: none"> • Free time
	9	<ul style="list-style-type: none"> • Television, cinema and hobbies 	<ul style="list-style-type: none"> • Future plans 	<ul style="list-style-type: none"> • Healthy living
Spanish	8	<ul style="list-style-type: none"> • All about me 	<ul style="list-style-type: none"> • School life 	<ul style="list-style-type: none"> • Family and friends
	9	<ul style="list-style-type: none"> • Home town and region 	<ul style="list-style-type: none"> • Free time 	<ul style="list-style-type: none"> • My town
German	8	<ul style="list-style-type: none"> • Self, and family 	<ul style="list-style-type: none"> • School 	<ul style="list-style-type: none"> • Free time
	9	<ul style="list-style-type: none"> • Home town and region 	<ul style="list-style-type: none"> • Holidays and food and drink 	<ul style="list-style-type: none"> • Television
Welsh	7	<ul style="list-style-type: none"> • Grammar <ul style="list-style-type: none"> ○ Alphabet ○ Number ○ Time ○ Money ○ Mutations 	<ul style="list-style-type: none"> • Grammar <ul style="list-style-type: none"> ○ Adjectives ○ Verbs ○ Nouns ○ Descriptions with the present tense 	<ul style="list-style-type: none"> • Grammar <ul style="list-style-type: none"> ○ Future tense ○ Past tense
	8	<ul style="list-style-type: none"> • Wales and the World <ul style="list-style-type: none"> ○ The local area and Cardiff 	<ul style="list-style-type: none"> • Wales and the World <ul style="list-style-type: none"> ○ The Welsh around the World ○ Patagonia 	<ul style="list-style-type: none"> • Wales and the World <ul style="list-style-type: none"> ○ Welsh Language organization ○ Welsh celebrities
	9	<ul style="list-style-type: none"> • Employment <ul style="list-style-type: none"> ○ Health and Safety ○ Jobs ○ Skills 	<ul style="list-style-type: none"> • Employment <ul style="list-style-type: none"> ○ Job applications ○ Work experience 	<ul style="list-style-type: none"> • Employment <ul style="list-style-type: none"> ○ Part time work ○ The future

PSE	7	<ul style="list-style-type: none"> • Planning, organisation and leadership • Personal effectiveness and friendship 	<ul style="list-style-type: none"> • Curriculum is currently under design 	
	8	<ul style="list-style-type: none"> • Politics and financial capability • Careers 	<ul style="list-style-type: none"> • Time management • Smoking and drugs • Creativity and innovation 	<ul style="list-style-type: none"> • Rights and responsibilities • Peer Pressure • Media and stereotypes • Planning and organisation
	9	<ul style="list-style-type: none"> • Decision making • Internet safety • Crime and Justice • Careers 	<ul style="list-style-type: none"> • Relationships • Domestic Violence • Contraception and STIs • Global Citizenship Challenge 	<ul style="list-style-type: none"> • Alcohol • Global Citizenship • Community Challenge
PE	7	<ul style="list-style-type: none"> • Girls: Netball, Swimming and Gymnastics • Boys: Rugby, Football, Basketball 	<ul style="list-style-type: none"> • Girls: Health, fitness and wellbeing, Hockey and Badminton • Boys: Gymnastics, Swimming and Badminton 	<ul style="list-style-type: none"> • Girls: Athletics, Rounders and Cricket • Boys: Athletics, Rounders and Cricket
	8	<ul style="list-style-type: none"> • Girls: Netball, Swimming and Gymnastics • Boys: Rugby, Football, Basketball 	<ul style="list-style-type: none"> • Girls: Health, fitness and wellbeing, Hockey and Badminton • Boys: Gymnastics, Swimming and Badminton 	<ul style="list-style-type: none"> • Girls: Athletics, Rounders and Cricket • Boys: Athletics, Rounders and Cricket
	9	<ul style="list-style-type: none"> • Girls: Netball, Swimming and Gymnastics • Boys: Rugby, Football, Basketball 	<ul style="list-style-type: none"> • Girls: Health, fitness and wellbeing, Hockey and Badminton • Boys: Gymnastics, Swimming and Badminton 	<ul style="list-style-type: none"> • Girls: Athletics, Rounders and Cricket • Boys: Athletics, Rounders and Cricket