

CURRICULUM BOOKLET

King Henry VIII School



**KING HENRY VIII
SCHOOL**

Year 8 2023/2024

Dear Parent/Guardian

This curriculum booklet has been put together as part of the Home-School partnership. It includes an outline of the Topics / themes studied in each subject throughout the year.

Where possible, this has been arranged into the three terms, although, some subjects do not study the topics in the same order with every group. In addition, some subjects are skills based and it is difficult to define exactly when each skill will be covered. Please be reassured that all groups will ultimately cover the same work leading to a common examination. The examination week will once more take place just before half term in May.

PSHE education at King Henry VIII School is a planned, developmental programme of learning through which children and young people acquire the knowledge, understanding and skills they need to manage their lives now and in the future. As part of a whole-school approach, PSHE education develops the qualities and attributes pupils need to thrive as individuals, family members and members of society. PSHE education equips pupils to live healthy, safe, productive, capable, responsible and balanced lives. It encourages them to be enterprising and supports them in making effective transitions, positive learning and career choices and in achieving economic wellbeing. A critical component of PSHE education is providing opportunities for children and young people to reflect on and clarify their own values and attitudes and explore the complex and sometimes conflicting range of values and attitudes they encounter now and in the future.

The aim of PSHE education is to provide pupils with:

- Accurate, balanced and relevant knowledge;
- Opportunities to turn that knowledge into personal understanding;
- Opportunities to explore, clarify and if necessary challenge, their own and others' values, attitudes, beliefs, rights and responsibilities;
- The skills, language and strategies they need in order to live healthy, safe, fulfilling, responsible and balanced lives;
- Opportunities to develop positive personal attributes such as resilience, self-confidence, self-esteem, and empathy.

The PSHE programme at King Henry VIII School is guided by three core themes:

- Health and Wellbeing;
- Relationships;
- Living in the Wider World.

We hope that you will find the booklet informative and useful.



Mr R Sewell
Deputy Head

September 2023

ART & DESIGN	Y8 – Pupils in Year 8 will be taught the basic skills of portraiture and figurative drawing in the Autumn term. They will understand the proportions of the body and face and apply these skills to their own self-portraits and figurative work. Mixed media will be used to apply these skills to build upon in the future. Japanese Art will then be our focus, paying particular attention to Watercolour work and printing.	
	Autumn Term	Spring / Summer Term
	<ul style="list-style-type: none"> • Portraiture and figurative manipulation • Introduction to Photoshop and camera skills based around distortion/manipulation 	<ul style="list-style-type: none"> • Japanese Art – Printing, watercolour, paper cutting & felt making • Photography built in within the project

BIOLOGY Scientific theory	The Year 8 Biology curriculum builds on the theoretical and practical aspects introduced in Year 7. It provides an excellent introduction to additional theoretical topics that will be studied during years 9-11 as part of the IGCSE.		
	Autumn Term	Spring Term	Summer Term
	<ul style="list-style-type: none"> • Food and Digestion • Respiration 	<ul style="list-style-type: none"> • Microbes and Disease • Inheritance and Selection 	<ul style="list-style-type: none"> • Fit and Healthy • Ecological Relationships

CHEMISTRY	The Year 8 syllabus further develops the skills gained in Year 7 with emphasis on safe practical work, chemical names and formulae and analysis of data.		
	Autumn Term	Spring Term	Summer Term
	<p><u>Topic 1: Our Atmosphere</u></p> <ul style="list-style-type: none"> • History of the Earth's atmosphere • Current composition of the atmosphere • Percentage of oxygen experiments • Rusting • Elements and compounds revision • Hazards revision <p><u>Topic 2: Fuels</u></p> <ul style="list-style-type: none"> • Fuels and energy • Features of fuels • Combustion (complete & incomplete) • Air pollution • Renewable vs Non-renewable energy sources • Fire triangle 	<p><u>Topic 3: Metals & Non-metals</u></p> <ul style="list-style-type: none"> • Physical properties of metals • Chemical properties (reactions) of metals • Group 1: alkali metals (inc test for H₂) • Periodic table, symbols, formulae and equations (word and chemical) <p><u>Topic 4: Rates</u></p> <ul style="list-style-type: none"> • Introduction to rates of reaction • Concentration • Collision theory • Factors affecting rates • Quantitative and qualitative analysis of rates data 	<p><u>Topic 5: Metals & Reactivity</u></p> <ul style="list-style-type: none"> • Chemical formulae • Balancing chemical equations • Reactions of metals & acids • Making copper (II) sulphate • Reactions of metals & metal oxides • Reactions of metals & metal salt solutions • Reactivity series <p><u>Topic 6: Further metal reactions*</u></p> <p><u>Topic 7: Acid reactions and salt formation*</u></p> <p>*complement topics 3 and 5</p>

COMPUTER SCIENCE	Autumn Term	Spring Term	Summer Term
	<ul style="list-style-type: none"> • File management • E-safety and Health & Safety • Introduction to iDEA • Computational thinking • Everyone can code! 	<ul style="list-style-type: none"> • Spreadsheet skills • Web Design • Fake news • Internet searching 	<ul style="list-style-type: none"> • Understanding Computers • Cyber security • Designing publications • Cryptography

DESIGN & TECHNOLOGY / FOOD PREPARATION & NUTRITION	<p>Throughout the year students will undertake a carousel of subject areas covering a wide range of skills.</p>
	<p>Workshop Skills</p> <ul style="list-style-type: none"> • Jewellery and decorative box. • CAD/CAM is used to design and manufacture 2D and 3D MDF moulds which are then used to cast jewellery from pewter. • Decorative boxes are made from plywood using a range of jointing methods and lined with felt. • Students design work is scanned and engraved onto the boxes and additional features can be added. <p>Design Skills</p> <ul style="list-style-type: none"> • Students design, model and make their own electronic timer circuit product. They solder components together on a pcb and then use CAD/CAM to help manufacture the housing. • Throughout Year 8, students will continue to explore and improve their 2D and 3D drawing and software skills using CAD packages including Autodesk Inventor. <p>Food Preparation & Nutrition</p> <ul style="list-style-type: none"> • Nutrition & Health – healthy eating guidelines, focussing on the importance of Dietary Fibre. • Weekly practicals including fruit crumble, pasta with sauce, risotto, chili con carne/spaghetti Bolognese, Hungarian chocolate biscuits and Victoria sandwich. Adaptation of recipes to include and increase dietary fibre, reduce salt, reduce sugar and fat. Instead to add herbs to enhance flavour in savoury dishes. • Develop an understanding of the role of yeast as a biological raising agent. Knowledge of fermentation and gluten formation in bread dough. • Bread making, including formation of dough, kneading, proving, knocking back, shaping and glazing. • Pizza design and practical assessment – summative assessment. • Sensory Analysis and Evaluation.

<p>ENGLISH There will be overlap between Writing and Speaking and Listening activities</p>	<p>Reading</p> <ul style="list-style-type: none"> • Shakespeare: Analytical responses to <i>The Tempest</i> or <i>Richard III</i> • Poetry: Analytical responses to poems of different cultures, conflict poetry, free verse, sonnets and dramatic monologues <p>Non-Fiction:</p> <ul style="list-style-type: none"> • Media texts: informative, persuasive and biased writing • Fiction: The study of texts such as <i>Private Peaceful</i>, <i>A Christmas Carol</i>, <i>Oliver Twist</i>, <i>The Wind Singer</i>, <i>Animal Farm</i> and <i>Witch Child</i> • Drama: The study of plays such as <i>Hope Springs</i> and the playscript of <i>Frankenstein</i> 	<p>Writing</p> <ul style="list-style-type: none"> • Creative writing • Writing poetry • Writing in different media formats • Persuasive writing • Script writing • Spelling, punctuation and grammar: revision of key skills 	<p>Speaking and Listening</p> <ul style="list-style-type: none"> • Paired work / Group work • Individual presentations <p>Drama: Integrated into lesson activities</p>
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FRENCH	Pupils will study 2 languages in Year 8. French starts with a quick review of prior knowledge, ensuring that we build on Year 7 knowledge. French brings many opportunities to develop language and practise asking and answering questions. The Year 8 curriculum develops grammatical knowledge in context. Pupils develop the confidence to have extended conversations, using the past and future tenses replicating real conversations.		
	Autumn Term	Spring Term	Summer Term
	<p>1: Local Area</p> <ul style="list-style-type: none"> • Describe a town • Say what you can do at different places • Ask for and give directions • Arrange to go out and where to meet <p>2: Lifestyle</p> <ul style="list-style-type: none"> • Talk about clothes and give pinions on style • Talk about the weather and what you wear for different occasions • Say when / how often you do activities • Discuss weekend activities • Talk about music preferences and national events. <p>Grammar Il y a Position of adjectives Modal verbs</p>	<p>3: Holidays</p> <ul style="list-style-type: none"> • Talk about usual holidays and preferred holidays • Describe your ideal holiday • Describe a past holiday <p>4: Francophone countries</p> <ul style="list-style-type: none"> • Talk about where you live and are going to live • Describe daily routine <p>5: Oral exam Prepare for the Photocard And Themed questions</p> <p>Grammar Perfect tense Near future</p>	<p>6: Exam review</p> <p>7: Festivals</p> <ul style="list-style-type: none"> • Talk about festivals & traditions • Make excuses to not go to places

GAMES	<p>During Games lessons, pupils are taught the core skills in unopposed and small side games, where they develop their technique and ability to select and apply their skills at the right time. They are also taught advanced skills and decision making in small side game and full game scenarios. Tactical knowledge is developed throughout. Lessons are tailored to the group's ability.</p> <p>All pupils will have the opportunity to represent their school. For example, we have full block fixtures during games lessons for girls in hockey, netball and cricket. For boys we have full block fixtures during games lessons for rugby (some are touch fixtures), hockey and cricket.</p>		
	Autumn Term	Spring Term	Summer Term
	Boys: Rugby Girls: Hockey	Boys: Hockey/Football Girls: Netball	Boys: Cricket/Athletics Girls: Cricket/Athletics During the summer term there will also be the opportunity for some tennis, rounders and softball.
<p>Boys and Girls compete in the above sports.</p> <p>Training and fixtures are tailored to the year group and are matched at an appropriate level. All pupils will represent the school as we schedule block fixtures for all pupils to enable them all to have the experience of travelling to fixtures and experiencing the competitive environment.</p> <p>A full fixtures program is available on SOCS so that pupils can see where their fixtures are across the term/year. There is an expectation that all major games players will fully commit to the extra-curricular program, therefore attending Games, practice nights and Saturday fixtures.</p> <p>There is wider participation available through our extensive extra-curricular program and we encourage all pupils to take part in something, whether it be at a recreational or competitive level. This will widen their skill set, helping their physical, mental and social well-being.</p>			

	Autumn Term	Spring Term	Summer Term
GEOGRAPHY	<p>How are populations changing?</p> <ul style="list-style-type: none"> • World population distribution and change • Attempts to control population change • Types of migration • Understanding urbanisation • The evolution of cities <p>How do we use our planet as a natural resource?</p> <ul style="list-style-type: none"> • The different elements that make up our planet and how they interact • Rocks and soil formation and their importance to life • Biomes and how the rainforest biome works • Use of Earth's natural resources including water, oil and energy supplies • The difference between renewable and non-renewable resources 	<p>What is development?</p> <ul style="list-style-type: none"> • Defining development • Comparing development around the world • Understanding inequality • Understanding the actions of individuals, governments and communities in pursuit of development <p>Why are rivers important?</p> <ul style="list-style-type: none"> • What rivers are and how water flows into them • How weathering, erosion and transportation create river landforms • To identify river landforms on OS maps • Why rivers are important to people 	<p>Settlement research project</p> <ul style="list-style-type: none"> • A comparison of local urban areas with rural and coastal areas

GERMAN	Year 8 students complete 4 key topic areas in Year 8, building their vocabulary and grammar skills. Through the course of the year students will be introduced to both past and future tense as well as looking at complex word order and the use of prepositions.		
	Autumn Term	Spring Term	Summer Term
	In der Schule/ Mahlzeit <ul style="list-style-type: none"> • School Subjects • Learning and teachers • What there is in school • After school activities • School life in German • Food and drink • Ordering food • Healthy eating Grammar <ul style="list-style-type: none"> • Verb 2nd rule • Modal verbs • 3rd person verbs • Weil • Time • Man soll • Dative pronouns • Möchten and hätten 	Urlaub <ul style="list-style-type: none"> • Holiday activities • Past holiday • Transport • Weather Grammar <ul style="list-style-type: none"> • Infinitive • Perfect tense haben/sein • Imperfect tense • Verb conjugation with different pronouns 	Meine Zuhause <ul style="list-style-type: none"> • Daily routines • What is in town- giving directions • Where you live • Talking about your bedroom • Future home Grammar <ul style="list-style-type: none"> • Future tense • Preposition in dative • Present, perfect, imperfect together • Es gibt • Separable verbs

HISTORY	Autumn Term	Spring Term	Summer Term
	How did the Tudors change England?	India and the British Empire	How did Britain change during the Industrial Revolution?

LATIN	<p>Building on linguistic skills acquired in Year 7, Year 8 introduces new vocabulary and grammar at each stage and, through Latin stories, illustrates Quintus' visits to Britain, Greece and Egypt and the culture of these places in the 1st Century A.D.</p> <p>The course also uses the Cambridge Latin Course Book 2 textbook and looks at Latin through Greek mythology exploring the world of gods and heroes in the Trojan War.</p>		
	Autumn Term	Spring Term	Summer Term
	<ul style="list-style-type: none"> • King Cogidubnus of the Regnenses • Fishbourne Palace in Sussex • Funeral games 	<ul style="list-style-type: none"> • Greek gods and goddesses • Greek mythology • Ancient Greek <p>Students also get an introduction to ancient Greek in the Spring Term and interested students will be able to study Greek as an extra-curricular lesson.</p>	<ul style="list-style-type: none"> • Glassmaking in Alexandria • Egypt

MATHEMATICS	Autumn Term	Spring Term	Summer Term
	<ul style="list-style-type: none"> • Classifying linear graphs • Applications of number • Angle properties • Accuracy • Types of numbers • Simplifying expressions • Constructions • Negative numbers • A more formal approach to fractions • Converting units • 2-Dimensional geometry 	<ul style="list-style-type: none"> • Prime factorisation • Ratio and proportion • Formulae • Area and Volume • Applications of percentages • Symmetry • Equations • Probability • Sequences • Further fractions 	<ul style="list-style-type: none"> • Transformations • Displaying data • Using graphs

MATHEMATICS

There is an emphasis throughout on clear and efficient written communication of Mathematics. Where pupils have encountered topics previously, we will develop a more formal approach, focusing, where appropriate, on proof and applications.

MUSIC	<p>Music in Year 8 focuses on more structured group composition and performance tasks than those found in Year 7, using the theoretical understanding gained in the previous year as a springboard. Students learn some basic techniques of harmonic and melodic construction as well as ways to think about structuring music. We also interweave a variety of different musical cultures through our World Music programme.</p> <p>There are also topics focussed on developing more theoretical knowledge as well as listening to music and learning how to describe it.</p> <p>Topics covered during the year include:</p> <ul style="list-style-type: none">• The Blues• Programme music• Samba• Gamelan• Composition• Reggae
P.E.	<p>In years 7-9 PE lessons will be taught in mixed gender classes. This is to give a diverse experience of learning and is therefore different to our Games programme. It allows for collaboration within the year group as well as other skills such as communication, teamwork and leadership.</p> <p>The activities chosen each year vary depending on the timetable and the needs of the pupils.</p> <p>Options to be chosen from: Indoor Hockey, Physical Conditioning, Badminton, Gymnastics, Athletics, Swimming, Tennis and Striking & Fielding</p>

PHYSICS	The Year 8 Physics course continues to develop practical skills through the below topics. In Physics, due to the amount of equipment needed for practicals, classes may study the topics at different times of the year.		
	Autumn Term	Spring Term	Summer Term
	8A Heat <ul style="list-style-type: none"> Thermal Expansion Thermal Transfer 8B Electricity <ul style="list-style-type: none"> Simple Circuits Current, Voltage and Resistance Series and Parallel Circuits Power, voltage and current Energy power and time 8C Electromagnetism <ul style="list-style-type: none"> Plotting fields Making and testing electromagnets Loudspeaker 	8D Waves <ul style="list-style-type: none"> Wave types 8E Light <ul style="list-style-type: none"> Shadows Reflection Refraction 8F Sound <ul style="list-style-type: none"> Transmission Amplitude and oscilloscopes Speed of sound experiment Speed calculations 	8G Motion in the Universe <ul style="list-style-type: none"> Solar System scale Orbits 8H Stellar Evolution <ul style="list-style-type: none"> Hertzsprung-Russel Diagram Galaxies 8I Revision skills <ul style="list-style-type: none"> Active revision techniques 8J Acceleration <ul style="list-style-type: none"> Acceleration experiment Velocity and acceleration calculations

PHILOSOPHY, RELIGION & ETHICS Theme - Love	Autumn Term	Spring Term	Summer Term
	<ul style="list-style-type: none"> Topic 1 – Introduction to the concept of love and its types Topic 2 – Agape shown through the teachings and life of Jesus Topic 3 – Love in religion – how is love shown through community and charitable works? 	<ul style="list-style-type: none"> Topic 4 – Agape and equality through the teachings of Sikhism and the gurus Topic 5 – Love as sacrifice in Sikhism, through the formation and practice of the Khalsa. Topic 6 – Love in action in Sikhism, through sewa and langar 	<ul style="list-style-type: none"> Topic 7 – Situation Ethics Topic 8 – Love in action projects

	Autumn Term	Spring Term	Summer Term
PSHE	<p>Mental Health:</p> <ul style="list-style-type: none"> • Exploring Mental Health • Body Image <p>Discrimination & Racism:</p> <ul style="list-style-type: none"> • What is discrimination? • Sexism • Racism • The Upstander Culture 	<p>Online Safety & Relationships:</p> <ul style="list-style-type: none"> • Social Media, The Real You & Risk • Your Data • Being respectful online • Friendships <p>RSE</p> <ul style="list-style-type: none"> • Healthy & unhealthy Relationships • Gender Stereotypes • Consent <p>Enterprise skills:</p> <ul style="list-style-type: none"> • What are they and why are they useful? • Careers & Jobs 	<p>Careers:</p> <ul style="list-style-type: none"> • What's my line? • Challenging Stereotypes & Ambitions <p>Financial Education:</p> <ul style="list-style-type: none"> • Your first bank account • Saving money & you as a consumer <p>Alcohol & Drugs Misuse:</p> <ul style="list-style-type: none"> • Alcohol & risk • Drugs facts & peer pressure • Vaping

SPANISH Grammar in Year 8: Present Tense Irregulars Immediate future Conditional Tense Opinion phrases Time phrases Qualifiers Frequency expressions Possessive adjectives Definite/indefinite articles/ masculine/feminine Connectives Question Words	Pupils will study two languages in Year 8. Spanish will be taught two lessons a week building on prior knowledge built in Year 7. Pupils continue to broaden their cultural knowledge and to develop language skills through practising asking and answering more complex questions and gaining familiarity and confidence in expressing themselves in a foreign language. There is a greater focus on extending knowledge of grammar and on pupils producing and understanding higher level structures. Pupils are encouraged to participate in a range of activities which hone listening, speaking, reading and writing skills with the aim of developing a life-long love of languages and a solid foundation for GCSE.		
	Autumn Term	Spring Term	Summer Term
	(Mira 1) Module 5 El Tiempo Libre Module 6 En la Ciudad Leisure activities, telling the time, sports, free time preferences-like/dislikes Describing town (places in a town), going out in town, weather, weekend plans, directions (use Mira 2 Barcelona topic pages)	(Mira2) Module 1(La gente)/ La Rutina Diaria Module 2 Vamos a Salir Sports and Hobbies, Daily routine and time, sequencing Going out in town, planning activities, inviting friends, making excuses, problems going out	(Mira 2) Module 4 La Comida Module 3 Mis Vacaciones Describing breakfast, shopping for groceries, eating at a restaurant, describing a special meal, likes/dislikes Describing a recent holiday, countries, travel, holiday activities and opinions. To be able to ask and answer questions in past, present and future tenses