YEAR 9 CURRICULUM MAP 2026 - 27

MANCHESTER ISLAMIC GRAMMAR SCHOOL FOR GIRLS
FAITH • LEARNING • LIFE

SUBJECT	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
ARABIC	**Identity and culture** **My Family and Me** Talk about family relationships. Use description (Physical - character) Talk about friends and what makes a good friend Use adjectives & nouns Make arrangements to go out Use the future tense Talk about role models Use the past tense	**Identity and Culture** **(Interests, Sport and the internet)** Revise hobbies & interests Use verbs Use adverbs of frequency Talk about sport Use the present perfect in Arabic Talk about your online activities Build internet-related vocabulary Consolidate personal pronouns	**Identity and Culture** **(TV, Cinema & Films / Music)** Talk about your online activities Build internet-related vocabulary Consolidate personal pronouns Talk about the media Use the comparative Talk about my favourite type of music Express preference Give opinions and reasons	**Identity & Culture** **(My daily sustenance)** To learn types of food To read and recognise food items To use measures and quantities To use the imperative mood To name recipients and containers To learn vocabulary related to meals To process information related to diet	**Identity and Culture** **(Clothes)** To name the items of clothing in Arabic To describe clothes To use demonstratives To express exclamation To use basic shopping vocabulary	**(My Daily Routine)** Talk about their daily routine Use combination of Tenses **Local Area, Holiday & Travel** Talk about the weather Use 'to be' [kaana] كان Describe a town Use 'lots of' Use of irregular verbs Give directions Use the imperative mood Talk about problems in my town & living in the countryside Talk about modes of transport

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SUBJECT	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
ART	**GROUP 1** **ART MOVEMENTS THROUGH THE CENTURIES** Research and investigate an art movement and artists' work, e.g. Pop art, Fauvism, Graffiti art, Cubism, Expressionism and Futurism to name but a few. Produce a booklet on your findings.	**GROUP 2** **ART MOVEMENTS THROUGH THE CENTURIES** Research and investigate an art movement and artists' work, e.g. Pop art, Fauvism, Graffiti art, Cubism, Expressionism and Futurism to name but a few. Produce a booklet on your findings.	**GROUP 1** **FLOWERS, FRUIT & VEG, NATURE** Research and investigate flower types. How flowers grow Collage of any natural form using magazine paper, cut/torn paper or by using different materials. Make an interesting fruit out of felt, sequins, wools etc.	**GROUP 2** **FLOWERS, FRUIT & VEG, NATURE** Research and investigate flower types. How flowers grow Collage of any natural form using magazine paper, cut/torn paper or by using different materials. Make an interesting fruit out of felt, sequins, wools etc.	**GROUP 1** **DAY OF THE DEAD** Culture, beliefs, research and investigation into Mexican culture and the Day of The Dead. Face painting, designing masks.	**GROUP 2** **DAY OF THE DEAD** Culture, beliefs, research and investigation into Mexican culture and the Day of The Dead. Face painting, designing masks.

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COMPUTER SCIENCE	**ALGORITHMS** -Introduction to Programming -Decomposition & Algorithms -Data Types and Variables -Input Integers and Debugging -Flowcharts -Assessment	**DATA REPRESENTATION** -Introduction to Principles of Computer Systems -Binary -Unsigned Integers -Binary Arithmetic -Two's Compliment -Assessment	**DATA REPRESENTATION** - Bitmaps -Bitmaps (2) -Representation of sound -Representation of sound (2) -Compression -Assessment	**AI** What is AI? How computers learn from data Bias in, bias out Decision trees How to solve problems with machine learning models	**NETWORKS** - Network Topologies -Embedded Systems -Internet of Things -Packet Switching -Internet Protocols	**Ethics and Cyber Security** -Social Engineering -Hackers -Malware and Anti-Malware -Personal Data -Intellectual Property

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SUBJECT	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
ENGLISH	**INTRODUCTION TO CREATIVE READING AND WRITING** **SHORT STORY ANTHOLOGY: OWN ANTHOLOGY** Introduction to GCSE skills AO1 Comprehension AO2: Thinking about language and effect/structure Character work Themes/Issues/Ideas Narrative writing tasks	**POETRY FROM DIFFERENT CULTURES** Introduction to unseen poetry Introduction to writing a poetry response Introduction to comparing poems Creative writing tasks	**WORKING WITH 19TH CENTURY TEXTS** Extracts of fiction: Dickens/Hardy/Bronte C19th poetry: Coleridge, Blake, Shelley Non-fiction eye witness accounts—Peterloo Massacre	**SHAKESPEARE TEXT:** **ROMEO AND JULIET** Establish plot Character studies Key themes Intro to extract based questions	**20TH CENTURY NOVEL:** **OF MICE AND MEN** Character work Plot/narrative structure Themes and issues/context Constructing a critical essay. Non-fiction-speeches and letter writing. Comparative non-fiction (*Finish into Summer 2 Wk 2 if Eid/Short term)*	**Introduction to GCSE** Analysis of poetry using VISIT method Comparison of poem from anthology Introduction to Paper 1 language skills AO1/A02 Q1-3

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SUBJECT	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
HISTORY	**WW1** The long-term causes of WW1— Militarism, Alliance , Imperialism and Nationalism Assassination of Archduke Franz Ferdinand Schlieffen Plan Propaganda Trenches Trench Life Conscientious objectors Newspaper article assessment	**WORLD WAR ONE** Haig the Donkey debate Battle of the Somme WW1 Medicine Campaign help? Why did Germany lose the war? The Treaty of Versailles simulation, cartoon analysis and essay. Winter exam	**SUFFRAGETTES** What was wrong with women's rights before 1900? What made Suffragettes different from Suffragists Did Suffragettes 'Direct Action' help or hinder their cause? Was Emily Davison a martyr or a troublemaker? Did WW1 help women's rights? Essay- why did women get the vote?	**Rise of Hitler** Democracy vs Dictatorship Who were the Nazis How did Hitler gain power How did Hitler keep control of Germany? Essay	**WW2** Causes of WW2 Hitler and the road to war Was Appeasement a mistake Key turning points of WW2 Dunkirk Battle of Britain Operation Barbarossa Pearl Harbour D Day Summer exam	**THE HOLOCAUST.** Enquiry What was the Holocaust? Who did the Nazis Persecute? Life in the Ghettos Jewish resistance The Final Solution Who is responsible?

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SUBJECT	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
Big Idea	**How can we prepare safe, nutritious food that meets the needs of different people?**	**How can we prepare safe, nutritious food that meets the needs of different people?**	**How can we design balanced meals that meet nutritional needs and celebrate different food cultures?**	**How can we design balanced meals that meet nutritional needs and celebrate different food cultures?**	**How do the choices we make about food affect our health, society and the environment?**	**How do the choices we make about food affect our health, society and the environment?**
FOOD TECHNOLOGY	**GROUP 1** • Bacteria and Food Poisoning (T) • **Practical: Thai Chicken Curry** • Micronutrients **(T)** • **Practical: Tomato and basil tart** • Nutritional needs for different target groups **(T)** • **Practical: Muffin Challenge (adapt a recipe for a target group)**	**GROUP 2** • Bacteria and Food Poisoning (T) • **Practical: Thai Chicken Curry** • Micronutrients **(T)** • **Practical: Tomato and basil tart** • Nutritional needs for different target groups **(T)** • **Practical: Muffin Challenge (adapt a recipe for a target group)**	**GROUP 1** • British & International cuisine/ Plating techniques(T) • **Practical: Homemade pasta** • Nutritional Analysis (T) • **Practical: Rice bowl challenge** • Independent cooking **Assessment (P)** Evaluation and feedback lesson (T)/ **Revision**	**GROUP 2** • British & International cuisine/ Plating techniques(T) • **Practical: Homemade pasta** • Nutritional Analysis (T) • **Practical: Rice bowl challenge** • Independent cooking **Assessment (P)** Evaluation and feedback lesson (T)/ **Revision**	**GROUP 1** • Factors affecting food choice • **Practical: Cottage pie challenge** • Seasonality of Foods/ Food miles. • Setting mixtures / NEA1 experiment • **Practical: Seasonal Fruit tart** • Cereals turning wheat into flour (T) • **Restaurant Week (Group project)** **Written Summer Assessment**	**GROUP 2** • **Written Summer Assessment** • Factors affecting food choice • **Practical: Cottage pie challenge** • Seasonality of Foods/ Food miles. • Setting mixtures / NEA1 experiment • **Practical: Seasonal Fruit tart** • Cereals turning wheat into flour (T) **Restaurant Week (Group project)**

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SUBJECT	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
YEAR 9	**Unit 1 Souvenirs et histoires de vie** **Topic knowledge** • Childhood and past hobbies • Holidays and trips in the past • A memorable day out • Going out with friends • Achieving dreams • Francophone street artists **Grammar** • Perfect tense with avoir and être (revision, irregular past participles) • The imperfect tense (être, avoir, faire and regular verbs) • Using the perfect and imperfect together • Time phrases in the past and sequencers • Direct object pronouns **Phonics** • Liaison • -tion, -sion and -ssion • é, -er, ai and ait **Big idea** • To talk about childhood and past experiences, choosing between the perfect and the imperfect **Link to GCSE** • Theme 2, Unit 5: Customs, festivals and celebrations (imperfect tense); Theme 3, Unit 7: two tenses together (perfect and imperfect) **Cross-curricular** • Art: Francophone street artists • Translation Bee Links with second MFL	**Unit 2 La technologie** **Topic knowledge** • Old and new technologies • Pros and cons of technology • Social media, apps and staying safe online • Francophone influencers • Real life vs life online • Future technologies **Grammar** • Modal verbs + infinitive (present and imperfect) • Negative constructions (ne… jamais, ne… rien, ne… personne) • Verbs followed by prepositions and infinitives • Present and past tenses together • Using three tenses together (past, present, future) **Phonics** • Silent final -s • g (hard and soft) • on, an, en and in **Big idea** • To give and justify opinions about technology and online life using past, present and future **Link to GCSE** • Theme 3, Unit 8: Media and technology (three time frames, modal verbs, negatives); Theme 2, Unit 6: Celebrity culture **Cross-curricular** • Computing: digital life and online safety • Careers: using languages in subtitling • Translation Bee Links with second MFL	**Unit 3 La santé et le bien-être** **Topic knowledge** • Parts of the body • Saying how you feel and what hurts • At the doctor's and the pharmacy • Healthy and unhealthy lifestyles • Giving advice and making health resolutions **Grammar** • avoir mal à + definite article • il faut, devoir and pouvoir + infinitive • The imperative (tu and vous) • Partitive articles and quantities • Interrogative adverbs • Present and near future for resolutions **Phonics** • é and è • -ill, -ail and -aille • Silent final consonants (revisited) **Big idea** • To describe health problems, give advice and talk about healthy habits **Link to GCSE** • Theme 1, Unit 2: Healthy living and lifestyle (health problems, ways to keep healthy, present and future together) **Cross-curricular** • PE and Science: healthy lifestyles • PSHE: wellbeing • Master Chef competition Links with second MFL	**Unit 4 Villes et régions francophones** **Topic knowledge** • Cities in Francophone countries (Brussels, Kinshasa) • Describing your town and region • Getting around town and giving directions • Places of interest and tourism • Comparing places **Grammar** • Demonstrative adjectives ce, cet, cette, ces • The pronouns y and en • Comparatives and superlatives • Subject-verb inversion in questions • Adverbs • Il y a and il y avait to describe places **Phonics** • -ent • y • Revisiting key sounds **Big idea** • To describe a town or region, compare places and find your way around **Link to GCSE** • Theme 3, Unit 9: The environment and where people live; Unit 7: Travel and tourism (places of interest, y and en) **Cross-curricular** • Geography: cities and regions of the Francophone world • International Fortnight Links with second MFL	**Unit 5 Mon avenir** **Topic knowledge** • Future plans and ambitions • Jobs and personal qualities • School subjects and choices after Year 11 • Work experience • Careers using languages **Grammar** • The future tense (regular and irregular stems) • The conditional: je voudrais and j'aimerais • si + present + future • Using three time frames together • Adjective agreement for describing qualities **Phonics** • Revisiting key sounds • c and ç • qu **Big idea** • To talk about future plans and careers, using the future and conditional with reasons **Link to GCSE** • Theme 1, Unit 3: Education and work (ideal job, personal qualities, post-16 studies, conditional) **Cross-curricular** • Careers: jobs using languages (GCHQ, interpreting) • PSHE: careers and aspirations Links with second MFL	**Consolidation and GCSE bridge** **Topic knowledge** • Revisit Units 1–5 • Francophonie project: group presentations • GCSE-style practice: translation, reading aloud, role play, photo card, general conversation, short writing • End-of-year assessment **Grammar** • Three time frames (past, present, future) • Perfect vs imperfect • Conditional • Pronouns y and en **Phonics** • Key sounds from Years 7 to 9 **Big idea** • To use three time frames accurately and be ready to start the GCSE course **Link to GCSE** • Year 10 begins with KS3 revision, then Theme 1: People and lifestyle **Cross-curricular** • Computing: producing presentations • International Fortnight Links with second MFL

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SUBJECT	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
GEOGRAPHY	**RUSSIA** What are the key characteristics of the Middle East? Where do people live in Russia? What resources are found in Russia? What are the benefits of natural resources? How does resource extraction impact the environment in Russia? Why is nuclear power a risky resource? Opinion Question	**THE MIDDLE EAST** What are the key characteristics of the Middle East? Why is the Middle East so hot? Why is oil important to the Middle East? How are countries diversifying their economy? Is the Middle is in water crisis? How is the Middle East becoming more sustainable? **Winter Exam**	**ECONOMIC WORLD** What is it like to work in a developing country? What is it like to work in an emerging country? Why do people migrate to Mumbai? What are the challenges and opportunities of living in Mumbai? Decision making	**DEVELOPMENT** Why are some countries more developed than others? What is the resource curse? How can trade be made more fair? Why is tourism important to economic development? Are the benefits of tourism worth the costs? **End of Topic Assessment**	**GEOLOGY** What is the importance of geology? What is the rock cycle? How does geology influence the landscape of the UK? How does geology influence the climate of the UK? Exam preparation	**Summer Exam** **Cross Curricular Day Planning** Which country should we celebrate? How can we research about countries? How can we communicate our findings? How can we engage others in learning? How can we reflect on our performance?

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SUBJECT	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
MATHS	**PROBABILITY** • Probability scales and language • Probability of single events • Use relative frequency •Sample space diagrams and listing outcomes •Probability of independent events •Probability of conditional events •Use of Venn diagrams and reading probability **TRANSFORMATIONS** • Reflect, rotate and translate shapes on coordinate grids • Enlarge shapes including use of fractional and negative scale factors • Describe combined transformations	**NUMBER** • Use the product rule for counting • Estimate calculations using rounded values • Find HCF and LCM using prime factors • Apply positive, zero, negative and fractional indices • Use powers of 10 and standard form • Simplify and calculate with surds • Use error intervals and bounds in calculations **ALGEBRA** • Expand single, double and triple brackets • Factorise quadratics and difference of two squares	**FRACTIONS, PERCENTAGES & RATIO** • Calculate with fractions and mixed numbers • Solve fractional increase, decrease and reverse problems • Convert recurring decimals to fractions • Use decimal multipliers for percentage change • Solve reverse percentage and profit/loss problems • Calculate simple and compound interest • Solve ratio, proportion,	**ANGLES, TRIGONOMETRY** • Use angle facts in triangles, quadrilaterals and parallel lines • Find interior and exterior angles of polygons • Use Pythagoras in 2D and 3D problems • Use the sine, cosine and tangent ratios to find missing sides and missing angles • Solve elevation/depression problems and use exact trig values	**GRAPHS** • Plot linear, quadratic, cubic, reciprocal and exponential graphs • Use y = mx + c; find gradient and y-intercept • Find equations of straight lines • Find the equations of parallel and perpendicular lines • Interpret roots and turning points of quadratic graphs • Explore cubic graphs and solve iteration problems • Interpret distance-time and velocity-time graphs, including rates of change	**AREA, PERIMETER AND VOLUME** • Find perimeter and area, including circles and sectors • Find volume and surface area of prisms, cylinders, spheres, cones and pyramids including frustums • Solve density and pressure problems **STATISTICS** • Draw and interpret pie charts, scatter graphs and two-way tables • Find averages from lists, tables and diagrams; use frequency polygons

		• Write quadratics in completed-square form • Form and solve linear equations • Solve quadratics by factorising, completing the square and formula • Rearrange formulae and change the subject • Use direct and inverse proportion • Explore arithmetic, geometric and quadratic sequences	double-ratio and mixed problems			

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SUBJECT	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
PE	**INVASION GAMES** **Netball:** Refinement of more demanding skills and rules of a full 7 v 7 game. Recap netball fundamentals Use of space / court linkage Attacking principles Defending principles Working knowledge of positional play Working knowledge of more advanced netball rules. Tactics: centre pass / within the circle Full 7 v 7 games – with specialist positions. Development of coaching & officiating.	**INVASION GAMES** **Football:** Refinement of core skills as a team and as an individual. Passing, control and turning Heading Shooting Attack / beating an opponent Defensive tactics Set plays Introduction of coaching & officiating **Tag Rugby** Passing and receiving Passing and outwitting opponents Tagging Attacking and outwitting opponents Small sided games	**HEALTH-RELATED FITNESS** Sustained running: Cooper 12-minute run Examples of methods of training: Interval training Fartlek training Revisit fitness testing: skill-related and health-related. Development of more advanced Boxercise techniques and combinations **NET & WALL GAMES** **Badminton:** Development of more advanced singles play. Forehand Backhand Serving – backhand Overhead clears Drop shots Smash Scoring Rallying More advanced tactics for singles play	**OUTDOOR & ADVENTUROUS ACTIVITIES** Development of problem-solving skills Planning how to solve a problem Development of team building exercises Development of orienteering skills Netball interform competition.	**ATHLETICS** Development of more advanced athletics skills, including running; jumping; and throwing. Running for distance Running for speed Running over barriers Relays Sprint starts Jumping for height Jumping for distance Push throw Howler throw	**STRIKING & FIELDING GAMES** **Rounders:** Development of more complex skills of rounders required to play a full game of 9 v 9 rounders - with planned tactics. Throwing / catching / fielding Bowling development Batting development Fielding roles Outwitting opponents Tactics Peer assessment Rounders interform competition.

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YEAR	AUTUMN 1 (7 weeks)	AUTUMN 2 (7 weeks)	SPRING 1 (7 weeks)	SPRING 2 (4 weeks)	SUMMER 1 (5 weeks)	SUMMER 2 (6 weeks)
YEAR 9 Weeks: 30 Lessons: 60 Theory lessons: 30 Recitation lessons: 30	**RECITATION:** ***Al-Zalzalaa to Al-Alaq 1-10*** **TAJWEED** **Introduction to Sifaat** **Hams/Jahr(1)** **Revision** **Al-Jawf(1)** **Al-Halaq (2)** **ح , ع، غ , خ , ء , ه** **Lips Letters: (3)** **م** **MEMORISATION** Naas, Falaq Ikhlaas, Lahab	**RECITATION:** ***Al-Alaq to Al-Duha*** **TAJWEED** **Shiddah/tawassut/rikhawah(2)** **Revision** *Al-Khayshoum (4)* **Tongue Letters: (5)** **ن، ر، ل، ض، ك، ق , ج ش، ي** **MEMORISATION** Nasr, Kafiroun Al-Kawuthar	**RECITATION:** ***Al lail to Balad*** **TAJWEED** **Istilaa/istifaal(3)** **Itbaaq/infitah(4)** **Izlaaq/Ismaat(5)** **REVISION** **Tongue letters (6)** **س، ص، ز، ت، د ط , ث، ذ، ظ** **MEMORISATION:** Al-Maoun, Quraish, Feel, Humazah	**RECITATION:** ***Balad to fajr*** **TAJWEED** **<u>Introduction Siffaat-characteristics without opposites</u>** **Ghunnah** **Qalqalah** **Takreer** **Tafashi** **Istitaala** **Inhiraaf** **Safeer** **leen** **MEMORISATION** Asr,Takaathur, Qariah, Adiyaat	**RECITATION:** ***Revision naas till Al-balad*** **TAJWEED** **Revision of All topics** **MEMORISATION AND TAFSEER:** ***Ghashiyah (14-26)*** Learning the surahs with their meaning in English, and the tafseer of the surahs to find out the reason of revelation	**RECITATION:** ***Revision naas till Al-balad*** **TAJWEED** **Revision** **MEMORISATION AND TAFSEER:** Muraajiah Revision of already learnt surahs

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SUBJECT	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
RS	**RITES OF PASSAGE** Rites of passage in Islam, Christianity and Judaism. Why and how religious people follow certain ceremonies Express views on these ceremonies. **FESTIVALS** Id Ul fitr Id ul Adha Ashura Easter Christmas	**INTRODUCTION TO MADHABS** The lives of the four great scholars in Islam, their struggles in life and influence on Muslim life today. **SALAH** The traveller's prayer and the sick person's prayer Differences of opinion within this. Shia prayer **GHUSL OF THE DECEASED DHIKR** The method of ghusl for the deceased Beliefs about death and the afterlife.	**THE QURAN AND SCIENCE** Understanding of the miracles of the Quran through the science of the Quran **CREATIONS OF ALLAH** Analyse the creation of Jinn and shaytaan and angels . Recognise that there are good Jinn as well as how to protect ourselves from bad Jinn.	**GHUSL OF THE DECEASED** How to perform a ghusl of the deceased. They will also gain knowledge of the importance and the method of Janazah prayer. **DISEASES OF THE HEART** The main diseases of the heart, and how to gain purification of the heart through the remembrance of Allah.	**WOMEN IN ISLAM** The importance of women in Islam, who the Prophets' wives were and an analysis of their lives. The laws of polygamy in Islam. **ISLAMIC CIVILISATION** Understand the historical events of Islamic civilisations such as Islamic Spain, the Ottoman Empire, The Mughal Empire and Islam in Europe	**RAMADHAN** Detailed understanding of the rules and etiquettes of fasting and the procedure of itikaf. **SHARIAH** What the Shariah is and how it is compiled Analyse the negative perceptions of Shariah law **TAFSEER** Learn the Tafseer of surahs. Understand the importance of implementing the Quran in our lives

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SUBJECT	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
URDU	**HOBBIES AND MEDIA** Learn new vocabulary about the topic Understand spoken and written accounts of how others spend their free time using **second and third person verbs for present tense** Talk about what you are going to do next weekend using **Future tense** Use **present continuous tense** to describe a picture رہی ہے/ رہا ہے/ رہے ہیں Favourite type of film, TV programme, music, etc. Reasons for preferences	**HOLIDAYS** Learn vocabulary about means of transport and give opinion. Telling and asking directions. Describe a past holiday using **past tense** Understand spoken and written accounts of how others spent the holidays Describe your dream holiday using **future tense.**	**CUSTOMS AND FESTIVALS** Learn vocabulary about the topic. Understand spoken and written accounts of different customs and festivals in target language communities. Describe a special occasion – which occasion was it, food and clothes, Customs and traditions, opinion **in past tense.** Use present continue tense to describe a picture.	**FOODS AND DRINKS** Revise vocabulary about foods, drinks, meals, adjectives and time phrases. Say what did you eat last night using **past tense** Talk about healthy and unhealthy habits using **Modal verb چاہیے** Eating out and ordering food Use present continue tense to describe picture رہی ہے/ رہا ہے/ رہے ہیں	**LOCAL AREA** Revise vocabulary about places. Describe your area - type, location, places of interest Say what you can do in your area using modal verb کر سکنا Problems affecting the environment What you are going to do in **the future** to protect the environment	**SEASONS AND WEATHER** Learn extended vocabulary about the topic. Compare weather using **simple past tense** ending with تھا/تھی/تھے Understanding weather forecast using future tense **TECHNOLOGY** Types of technology Using technology for work and leisure Pros and cons of new technology

Year 9 SCIENCE CURRICULUM MAP 2026-27

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SUBJECT	AUTUMN	SPRING	SUMMER
YEAR 9 BIOLOGY	Half – term 1 **CELL BIOLOGY (9)** 1. Animal cells 2. Plant cells 3. Using a microscope – PRACTICAL cheek cells 4. Using a microscope – PRACTICAL onion cells 5.Electron microscopes – use and comparison 6 Cell calculations – converting units **Assessment**- Kerboodle tasks Assessment – exam questions practical- preparing and mounting a slide Half – term 2 7. Eukaryotic and prokaryotic cells 8. Specialised animal cells 9. Specialised plant cells Summary activities and exam questions. ➢ **Winter exams**; questions covering cell biology topic lessons 1-9	Half – term 3 **moving in and out of cells (8)** 1. Diffusion 2. Osmosis 3. Osmosis -required PRACTICAL 4. Active transport **Assessment**: Kerboodle tasks, exam questions including graph- plotting skils. Half – term 4 **Health and Disease A (7)** 1. Pathogens and diseases 2. Preventing infections 3. Viral diseases 4. Bacterial diseases 5. Fungal /protists diseases **Assessment –** Kerboodle tasks and exam questions	Half – term 5 **Preventing and treating diseases (8)** 1. Human defence system 2. Vaccination 3. Antibiotics and pain killers 4. Discovering drugs 5. Developing drugs **Assessment**- questions on pathogens diseases, prevention and treatment Half – term 6 Summer exam on all topics covered this year End of year exam covering all topics from the beginning of the year **Lifestyle, Health and diseases (5)** 1. Cancer 2. Smoking and the risk of diseases 3. Diet exercise and disease 4. Alcohol and the risk of diseases **Assessment** Kerboodle tasks

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	AUTUMN	SPRING	SUMMER
YEAR 9 Chemistry	**Atomic structure** Atomic structure Electron arrangement Understand the periodic table; Atomic mass/atomic/ group/period number Development of the atomic model Isotopes and calculations Ionic bonding Properties of ionic bonding **Assessment**- Kerboodle quizzes, end of topic test. **Periodic Table** Development of the periodic table Comparing metals and non-metals Group 0 & explaining trends Group 1 & explaining trends Group 7 & explaining trends Displacement reactions Writing word and symbol equations Transition elements **Winter exams;** **Questions covering atomic structure and the periodic table**	**Earth's atmosphere** History of the atmosphere Our evolving atmosphere Greenhouse Gases Global Climate Change Atmospheric pollutants **Assessment**: Kerboodle quiz/questions and 6 markers, end of topic test **Crude oil and fuel** Hydrocarbon alkanes and alkenes Fractional distillation Burning hydrocarbon fuels Cracking hydrocarbons **Assessment**- Exam questions and Kerboodle quiz/question, end of topic test	**Chemical Changes and calculations** Balancing equations Mr calculations Percentage composition by mass Moles **Assessment-** Calculations, Kerboodle quiz/question, end of topic test **Summer exam could include:** **Atomic structure** **The periodic table** **Earth's atmosphere** **Crude oil and fuel** **Chemical changes and calculations** *A revision list will provided closer to the time* *Recap- atom, ions, ionic bonding* *Covalent bonding* *Giant covalent structures (diamond/graphite*) Bonding in metals Giant metallic structures

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FAITH • LEARNING • LIFE

SUBJECT	AUTUMN	SPRING	SUMMER
YEAR 9 PHYSICS	**P1 - Energy (13 lessons)** L1 – Energy Stores L2 – Energy Transfers L3 – Conservation of Energy L4 – Work Done L5 – Power --- ***P1 Assessment*** ➢ Based on lessons 1 to 5 L6 – Assessment **(Exam Questions)** L7 – Review Assessment --- L8 – Gravitational Potential Energy L9 – Kinetic Energy L10 – Multistep Calculations (Energy) L11 – Elastic Potential Energy L12 – Efficiency L13 – Independent Revision --- **WINTER EXAM (Exam Questions)** ➢ Based on lessons 1 to 5 ➢ Based on lessons 8 to 13	**Review Winter Exam (1 lesson)** --- **P2 – Insulating Buildings (7 lessons)** L1 –Specific Heat Capacity L2 – Specific Heat Capacity Practical L3 – Thermal Conductivity L4 – Heating and Insulating Buildings L5 – Insulation Practical L6 – Insulation Practical Graph --- ***P2 Assessment*** ➢ Based on lesson 4 L7 – Assessment **(Exam Question – Extended Writing)** --- **P3 – Energy Sources (7 lessons)** L1 – Non-Renewable Fuels L2 – Renewable Fuels L3 – Renewable Fuels (continued) L4 – Trends in Energy Resources L5 – Moja Island (**STEM activity**) --- ***P3 Assessment*** ➢ Based on lesson 1 to 4 L6 – Assessment **(Exam Questions)** L7 – Review Assessment	**SUMMER EXAM (Exam Questions)** ➢ Based on P1 (L1 to L5 and L9 to L13) ➢ Based on P2 (L1 to L5) ➢ Based on P3 (L1 to L4) --- **Review Summer Exam (1 lesson)** --- **P7 – Radioactivity (12 lessons)** L1 – Structure of an Atom L2 – Atoms and Isotopes L3 – Development of the Model of the Atom L4 – Nuclear Radiation L5 – Uses of Nuclear Radiation L6 – Nuclear Equations L7 – Half Life Graphs L8 – Half Life Calculations L9 – Irradiation and Contamination L10 (SEPARATES) – Background Radiation L11 (SEPARATES) – Medical Uses of Radiation L12 (SEPARATES) – Nuclear Fission --- ***P7 Assessment*** ➢ Based on lesson 1 to 12 ➢ Kerboodle online assignments --- **END OF YEAR 9**