

Year 8 Curriculum Guide

Curriculum Intent

Focused on the Key Stage 3 national curriculum, our year 8 curriculum builds on knowledge acquired in year 7. The curriculum model changes slightly, with Computer Science added to the timetable. Each subject is focused on key content, knowledge, and also teaches key skills (disciplinary knowledge) that provide a sound foundation. Extra curriculum opportunities and trips complement the curriculum.

Curriculum Model

Subject	No. of Lessons
English	6
Maths	6
Science	6
French	4
Second Language	4
Geography	3
History	3
RE	2
Design Technology	4
Art	1
Music	2
Drama	1
Computer Science	2
PE	4
PSHE	1

Term 1

Subject	Knowledge	Skills	Assessment
English	Awe and Wonder – non-fiction language unit Students look at different ways writers communicate their ideas about the world in which we live, focused on nature and landscape. Students then use this in their own writing. Non-fiction writing skills are the focus of this unit. Students are taught to build their own voice with a clear purpose in mind. Students are taught how facts and descriptions are balanced in non-fiction and identifying how writers make language stand out and interesting. This includes use of alliteration, verbs, present participles, noun phrases, simile and metaphor.	Students learn techniques used by non-fiction writers and put them into practice themselves. The begins to introduce students to the requirements of English Language at Key Stage 4.	Assessment : Reading writing assessment on non-fiction text
Maths	Numbers and the number system Prime factorisation; calculating HCF and LCM using prime factors; converting in and out of standard form Approximating and estimating Rounding using significant figures and making estimations for calculations Transformations Coordinates Equations of horizontal and vertical lines Reflecting, translating, rotating and enlarging shapes		
Science	Plants Plant cells, photosynthesis , respiration, and leaf adaptations. Transport in plants including gases, water, sugar and minerals. Xylem and Phloem. Greenhouse design Crop plants	Variables and planning an investigation	

	Elements Identifying metals and non-metals based on properties Elements and compounds Making a compound using magnesium Iron and sulphur demonstration Modelling word equations for practicals building into chemical formulae	Explaining changes during reactions	
Chinese	Revision (Y7 content) Life in China. Days of the week, times of the day. School life	Vocabulary learning techniques A combination of listening and speaking, reading and writing	Vocab and translation assessment Creating a poster: make a calendar in Chinese.
French	Revision: introductions TV programmes and film Using the verb 'REGARDER' Reading habits Reading genres Positive and negative sentences Preferences Introduction to the PERFECT tense	Vocabulary learning techniques A combination of listening and speaking, reading and writing	Common Vocabulary test (TV shows, opinions) Listening, Grammar and Translation assessment. • Comprehension • PRESENT tense -er verb forms • Translating into English and French
Japanese	Review Hiragana. School subjects. Adjectives. Opinions about subjects. Introduction to Katakana. Food and drink.		School vocabulary test
Spanish	Weather and Where I live Weather Free time activities Use of Si (if) and Cuando (When) to join weather and free time Using the verb VIVIR (to live) Types of house and adjectives Rooms in the house and floors	Conjugation of present tense verbs Using conjunctions to connect different topics Making comparisons Adjectival agreement	Common Vocabulary Test Reading and Translation Test - Comprehension of written texts in Spanish - Sentences to translate from Spanish to English

Geography	Development Students develop an understanding of development and use a range of measures to compare levels of development between countries and regions. They investigate patterns of global inequality, including disparities within the UK and internationally, and examine factors that influence development, including gender inequality. Students also evaluate different strategies used to reduce development gaps, considering their effectiveness and impact at a range of scale	• Use of development indicators and indices • Interpretation of graphs, maps and data sets • Ability to compare places at different scales • Evaluation of strategies to reduce inequality • Construction of balanced, evidence-based arguments	30 minute assessment: Section 1: Knowledge recall Section 2: Skills (Map and or numeracy skills) Section 3: Extended writing 8-mark 'Evaluate' question
History	The Stuart Era, Witchcraft and Plots Investigate the causes of the witchcraft craze of the 1600s The Gunpowder Plot Comparing historical perspectives The English Civil War Students taught the different causes of the English Civil War Economic and Religious causes Impact on the British political system and democracy The evolution of the church in the Stuart era Roundheads and Cavaliers	Construction of PEEL paragraphs Source analysis	Gunpowder plot source assessment
RE	Unit 3: Introduction to India Context of India: geography, history, cities, culture Indian society, the caste system	Research project into India	Assessment 1 - India
Art	Starting Project 1 - How to be a designer Year 8 students explore how designers work by studying the patterns and natural motifs of William Morris, learning how he transformed observation into decorative design. They practice observational drawing, closely examining flowers and plants to understand form and detail. Using a range of different media, such as pencil, fine liner and watercolour, they experiment with mark-making and texture.	Research skills — understanding William Morris's work and how designers use inspiration. Observational drawing — closely studying flowers and plants to capture accurate detail. Media experimentation — using different materials to explore line, texture and colour.	

		Design thinking — generating ideas, refining them, and applying knowledge to create design outcomes.	
Computer Science	Introductory Unit Hardware Software Networks The internet		
Design Technology	Throughout the year each class completes a series of units on a carousel. This ensures that every student experiences the full range of our excellent new Design Technology facilities. Students will complete units on Food Technology, Textiles, Resistant Materials (in the workshop), and Graphic Design. We teach the key stages of the design and production process with plenty of practical opportunity. The year 8 units are shown below the Term 6 section in this document.		
Music	Roots of Popular Music Blues music and slavery. Chords, including 12 Bar Blues. Other features of Blues music: blues scale, walking bassline, swung rhythm.	Listen to Blues music and identify key features. Play an intermediate piece using both hands on the keyboard. Dictate simple pitch (3 notes). Improvise using the blues scale.	Keyboard assessment: intermediate difficulty using both hands.

French	Regular verbs in the PERFECT tense Time phrases Using the verb 'ÊTRE' Describing personality Describing my family and relationships PERFECT tense activities Christmas in France	Combining verbs A combination of listening and speaking, reading and writing.	Reading assessment • Comprehension
Japanese	Verbs. Grammar – particles and sentence building. Sports and hobbies. Time phrases. Talking about past activities.		Verbs, foods and sports vocabulary test
Spanish	Daily Routine and Future Plans - Introduce reflexive verbs - Daily routine for self and others - Using the verb IR (to go) with 'Places' - Introduce FUTURE TENSE structure - Being able to say where you're going TO GO and what you are going TO DO	Conjugation of reflexive verbs Formation of the future tense	Translation test. - Writing sentences using the future tense from Spanish to English and from English to Spanish.
Geography	Population Students develop an understanding of population, including population distribution and the factors that influence where people live. They apply this knowledge to identify global population patterns and explain variations in population density at a range of scales. Students use quantitative data to calculate and interpret population change, and examine models such as the Demographic Transition Model to understand how populations develop over time.	• Interpretation of population pyramids and distribution maps • Use of quantitative skills to calculate population change • Understanding of models (population pyramids) • Ability to explain population patterns and trends • Analysis of factors influencing population distribution	30 minute assessment: Section 1: Knowledge recall Section 2: Skills (Map and or numeracy skills) Section 3: Extended writing 8-mark 'Evaluate' question
History	Civil War – continued Students gain a detailed knowledge of the roundheads and cavaliers, together with comparisons with modern British political parties	Historical questioning and uncertainty	Causes of the English Civil War assessment

		Introduction to historiography To understand what interpretation is and how an interpretation will change over time, impacted by the context of the time.	
RE	Unit 4: Buddhism Buddha Dharma Siddhartha Gautama, life of the Buddha Buddhist iconography Noble truths and pathway to happiness Buddhist voices and paths	Interpreting images, icons and texts	
Art	Continuing Project 1 How to be a designer Year 8 students spend the term creating a wallpaper design inspired by William Morris and their own observational drawings. They select motifs from their flower and plant studies, then develop these into repeating patterns , exploring symmetry, layout, and decorative design. Through this, they learn how designers transform natural forms into stylised patterns while creating their own original outcomes.	Pattern design — turning natural forms into repeat motifs. Stylisation — simplifying and adapting drawings in a William Morris style. Composition — arranging motifs using symmetry, balance and layout. Creative refinement - developing, selecting and improving ideas for a final design.	Design based on William Morris and drawings in book
Computer Science	Vector Graphics Types of computer graphics: Raster or Bitmap, pixels Vector graphics: geometric shapes, scalability Combining objects, copy, rotation and flip Nodes, Paths Icons and logos	Manipulation of vector graphics	
Design Technology	Throughout the year each class completes a series of units on a carousel. This ensures that every student experiences the full range of our excellent new Design Technology facilities. Students will complete units on Food Technology, Textiles, Resistant Materials (in the workshop), and Graphic Design. We teach the key stages of the design and production process with plenty of practical opportunity.		
Music	Roots of Popular Music	Listen to Rock & Roll music and identify key features. Perform a song in a small	Appraising assessment: Listening and knowledge of Blues music.

	Blues music and slavery. Chords, including 12 Bar Blues. Other features of Blues music: blues scale, walking bassline, swung rhythm.	group using ukulele chords and tab. Dictate simple pitch (4 notes).	
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Term 3

Subject	Knowledge	Skills	Assessment
English	Poetry Students study a range of poems through the 'Words That Burn' scheme of work. Key themes include diversity, emotion, power and difference. Poems include A Century Later by Imtiaz Dharker and Encounter with Freedom by Elsa Wiezell.	Students read and analyse poetic techniques for example simile, metaphor, rhyming schemes, alliteration and assonance. Skills here prepare students for the war poetry unit in year 9 and poetry anthology units at GCSE.	Assessment 2: Poetry Assessment Annotation of poetic techniques. Writing an analysis of a poem.
Maths	Finish algebra topic started in term 2 Measuring Data Investigate averages, including mean, mode and median. Calculating the range. Comparing sets of data.		
Science	Separating Mixtures / Organ systems continued from term 2 Health* Bones, muscles and joints The knee – tendons, ligaments, cartilage, synovial fluid Fitness and ways of measuring fitness including heart rate Energy for fitness, aerobic and anaerobic respiration Balanced diet and unhealthy eating Vitamin C Smoking and vaping	Drawing graphs to present data obtained	

	Alcohol Drugs Rocks* Structure of the Earth Igneous rocks and their properties Weathering and erosion Sedimentary rocks and fossils Metamorphic rocks Rock cycle *order may be swapped to allow practical equipment to be fully utilised.	Using key terms when describing and explaining processes	
Chinese	Food & drink Chinese New Year celebration	Time reference, order food in restaurants; Future tense markers and sentence structure. Opinion: like and dislike	Listening and reading test.
French	I went + places in town My house and home - types of house, locations, adjectives Saying where I WOULD LIKE to live and why Rooms in the house Describing PERFECT tense activities at home	Adjective position and agreement A combination of listening and speaking, reading and writing.	Common Vocabulary test (family members, types of house, PERFECT tense activities).
Japanese	Transport Katakana places Places around town Past adjectives	Using particles for 'by' and 'to' Manipulating adjectives to say 'was' instead of 'is'	Transport and places vocabulary test
Spanish	Food and drink Using the verbs COMER (to eat), BEBER (to drink), TOMAR (to eat/drink/ take) Types of foods and drinks Mealtimes and frequency words Fruit and vegetables Quantities and prices Roleplays on food shopping	Conjugation of present tense verbs Cultural awareness of different foods and eating habits Transactional skill of being able to buy food	Listening and Reading test - Comprehension of spoken and written Spanish
Geography	Earthquakes and Volcanoes Students develop an understanding of plate tectonic theory and		30 minute assessment: Section 1: Knowledge recall

	continental drift, and how the Earth's structure gives rise to tectonic activity. They examine the relationship between plate movements and natural hazards, including volcanoes and earthquakes, and understand the processes that cause these events. Students also analyse the impacts of tectonic hazards and consider why people continue to live in high-risk areas, evaluating the ways in which risks are managed in different parts of the world.	• Interpretation of tectonic maps and cross-sections • Understanding of physical processes and cause-effect relationships • Analysis of hazard impacts using case studies • Evaluation of risk management strategies • Development of extended explanatory writing	Section 2: Skills (Map and or numeracy skills) Section 3: Extended writing 8-mark 'Evaluate' question
History	Interpretations of Cromwell Understand different interpretations about Cromwell. To gain a basic understand of historiography African Kingdoms An investigation into the vast Kingdoms of Africa pre-colonialisation, including a debate into the Benin bronzes	Historical interpretation analysis Measuring change and continuity.	How has history judged Oliver Cromwell assessment
RE	Unit 4: Buddhism (continued) Buddha Dharma Siddharta Goutama, life of the Buddha Buddhist iconography Noble truths and pathway to happiness Buddhist voices and paths	Interpreting images, icons and texts	Assessment 2 – Buddha Dharma
Art	Finalising Project 1 How to be a designer In Term 3, students study the textile artist Bisa Butler, exploring her vibrant use of colour, pattern and storytelling through portraiture. Using this research, they develop a personal design, drawing on their own ideas, identity and earlier project skills. Students experiment with bold colour choices, layered shapes and expressive	Artist analysis — understanding Butler's use of colour, pattern and storytelling. Personal expression — creating designs that reflect their own identity and ideas.	All work from the project is assessed across the four art assessment objectives.

	patterns inspired by Butler’s style, creating a design that reflects both her influence and their own creative voice.	Colour & pattern experimentation — using bold palettes, layered shapes and decorative elements inspired by the artist.	
Computer Science	Programming Use of Python Introduction to Python variables Running a simple Python programme: interactive mode, input and print functions, syntax error.	Understanding why we programme	
Design Technology	Throughout the year each class completes a series of units on a carousel. This ensures that every student experiences the full range of our excellent new Design Technology facilities. Students will complete units on Food Technology, Textiles, Resistant Materials (in the workshop), and Graphic Design. We teach the key stages of the design and production process with plenty of practical opportunity. The year 8 units are shown below the Term 6 section in this document.		
Music	Film Music Using music as a story-telling device. Silent movies into the Golden Age. Film music techniques including: leitmotif, story boards, drone, ostinato. Flats and Sharps.	Listen to and watch film, identify key features and explain how these connect to the scene. Play a complex hands-together piece on the keyboard.	Keyboard assessment: complex piece using both hands.

Term 4

Subject	Knowledge	Skills	Assessment
English	The Other Side of Truth Students study Beverley Naidoo’s Carnegie Prize winning novel. The story of Sade and Femi’s journey. Key themes include human rights, democracy, diversity and empathy. Students learn how the	Reading for analysis is the key focus with students writing analytical paragraphs alongside their study. Some creative	Assessment : Reading assessment on a section of the novel.

	author builds plot through character, language and tension. Students are taught to infer ideas from the text and use quotations to evidence their thinking. Students consider the links between literature and real-world issues including political oppression and freedom of speech.	writing is also used, for example diary writing, linked to their exploration of the text.	
Maths	Proportional Reasoning Understanding that a single multiplier exists between any pairs of numbers. Writing, simplifying, sharing and combining ratios.	Revisiting work from year 7 converting between fractions, decimals and percentages	Assessment: Calculating with decimals; algebraic manipulation; measuring data; proportion
Science	Sustainability* Combustion Acid rain formation, formation of oxides (NO _x , SO ₂) Polymers – nylon rope Recycling, product life cycles, carbon footprints Carbon cycle Climate change Biofuels Microbes and Disease* Fungi, bacteria and virus comparison of features including reproduction, size and genetic information Growing microorganisms Impact of handwashing Use of microbes in society Anaerobic respiration Harmful microbes, pathogens, reliability of information Antibacterial agents, body defences *order may be swapped to allow practical equipment to be fully utilised.	Limitations in methods Revision skills Critiquing information	
Chinese	Weather Weather forecast	How to tell weather, consolidate future tense.	Vocab and translation assessment

	Countries, languages and nationalities	Introduce your nationality, and what languages you can speak Modal verb: 会 (can)	Presentation: act as a weather forecast presenter to broadcast a week weather either nationally or globally
French	Revisiting the PERFECT tense How I have helped at home Daily routine Breakfast, lunch and dinner food	Combining verbs Definite, indefinite, partitive articles A combination of listening and speaking, reading and writing.	Grammar assessment • Comprehension • Understanding of PERFECT tense verbs • Translation into French
Japanese	Mashou Time Future times and verb consolidation	Telling the time and making suggestions	
Spanish	Holidays - Using the verb IR (to go) in the preterite (past) tense to say where you went on holiday, how and with whom - Giving past opinions - Forming AR verbs in the preterite to say what you did on holiday - Talking about what others did on holiday	Conjugating verbs in the preterite tense Giving justified opinions	Common Vocabulary Test
Geography	Asia Students develop place knowledge of Asia, including its diverse human and physical landscapes across the continent. They examine changing geopolitical relationships and understand how economic, political and social factors influence global patterns. Students also study the growing global significance of Asian countries, including the rise of China and India in the 21st century, and consider their impact on the global economy and international relations.	• Use of maps to explore regional diversity • Interpretation of economic and population data • Understanding of global connections and geopolitics • Ability to analyse change over time	30 minute assessment: Section 1: Knowledge recall Section 2: Skills (Map and or numeracy skills) Section 3: Extended writing 8-mark 'Evaluate' question

		• Use of place-specific evidence in explanations	
History	1750-1900 the Age of Revolution French and American Revolutions. British political movements, chartists, Tolpuddle Martyrs, Peterloo Massacre. Students build an understanding of the development of the British Parliamentary system, together with how the American political system and the French system work. Life in Industrial cities 1750-1900. An investigation into revolutions in law and medicine. American Revolution French Revolution	Measuring change and continuity	French and American Revolution knowledge test
RE	Unit 5: Sikhi Introduction Guru Nanak The 9 Gurus	Sikh data and infographics, interpretation, Sikh lens, engaging with identity and culture, Refining key information, evaluating significance and importance and reaching judgments and conclusions	
Art	Starting Project 2 - How to tell a story Students begin their project by recording their own ideas and thoughts on how to tell their own story. This is a starting point for a personal comic style response informed by personal experiences and a character design. Students are introduced to keywords for the topic and their first artist, Jack Kirby who was a comic artist. They need to be able to understand and explain his visual language and analyse an artwork. This will inform a character design for a superhero based on their knowledge of Jack Kirby.	• How to analyse an artwork • Recording ideas and thoughts to develop a narrative • Written and oral communication • Reflection and evaluation	Character design of superhero

		Drawing proportions of the figure	
Computer Science	Programming- continued Understanding importance of correct data types: string, integer and float. Calculations Writing an Input, calculation and output program Non-linear programs – if, else, elif		
Design Technology	Throughout the year each class completes a series of units on a carousel. This ensures that every student experiences the full range of our excellent new Design Technology facilities. Students will complete units on Food Technology, Textiles, Resistant Materials (in the workshop), and Graphic Design. We teach the key stages of the design and production process with plenty of practical opportunity. The year 8 units are shown below the Term 6 section in this document.		
Music	Film Music (continued) Music as a story-telling device. Silent movies into the Golden Age. Film music techniques including: leitmotif, story boards, drone, ostinato. Flats and Sharps.	Listen to and watch film, identify key features and explain how these connect to the scene. Use a Digital Audio Workstation (DAW) to synchronise with a scene. Compose film music using a story board.	

Term 5

Subject	Knowledge	Skills	Assessment
English	The Other Side of Truth Students continue their study of Beverley Naidoo's Carnegie Prize winning novel. The story of Sade and Femi's journey. Key themes include human rights, democracy, diversity and empathy. Students learn how the author builds plot	Reading for analysis is the key focus with students writing analytical paragraphs alongside their study. Some creative	Assessment 1: Reading assessment on a section of the novel.

	through character, language and tension. Students are taught to infer ideas from the text and use quotations to evidence their thinking. Students consider the links between literature and real-world issues including political oppression and freedom of speech.	writing is also used, for example diary writing, linked to their exploration of the text.	
Maths	Calculating percentages Use multipliers to increase/decrease percentages and solve reverse percentage problems Calculate the percentage changed Investigate the effect of repeated percentage change Solving equations Solving linear equations with unknown on one or both sides, including with fractions and brackets. Rearranging formulae to change the subject		End of year assessments: calculator and non-calculator
Science	Continued from Term 4 Sustainability* Combustion Acid rain formation, formation of oxides (NO_x, SO₂) Polymers – nylon rope Recycling, product life cycles, carbon footprints Carbon cycle Climate change Biofuels Microbes and Disease* Fungi, bacteria and virus comparison of features including reproduction, size and genetic information Growing microorganisms Impact of handwashing Use of microbes in society Anaerobic respiration Harmful microbes, pathogens, reliability of information Antibacterial agents, body defences	Limitations in methods Revision skills Critiquing information	

	*order may be swapped to allow practical equipment to be fully utilised.		
Chinese	Revise family members The verb 'to go' Places Transport	Sentence writing, Translation, General conversation Places & my country. (General conversation + translation)	Writing and translation assessment
French	Understanding different meals in France Fruit and vegetables Quantities At the market – ROLEPLAY At the restaurant – ROLEPLAY Parisian monuments Positive and negative verb forms Irregular PEPRFECT tense verbs	Transactional Role Plays Manipulating verb forms A combination of listening and speaking, reading and writing.	Listening assessment • Dictation • Comprehension • Inference
Japanese	Geographical features Places in Japan Free time & hobbies	Cultural awareness of Japanese geography	Translation and listening assessment
Spanish	Clothes and shopping - Clothes and Colours - Fabrics and patterns - Using the verb LLEVAR (to wear) - Frequencies - School uniform and opinions - Shopping (incl. Demonstrative pronouns) - Opinions and problems,	More verb conjugation Adjectival agreement Transactional skills of shopping in Spanish Making a complaint	Grammar test. - AR verb endings in the preterite and IR (Forming different verbs into the preterite tense under exam conditions)
Geography	The Coast – where the land meets the sea Students develop their understanding of coastal processes, including erosion, transportation and deposition, and apply this knowledge to explain the formation of coastal landforms. They examine the interaction between physical processes and coastline features, and consider the ways in which coastlines are used by people. Students also analyse the impacts of coastal erosion in the UK and evaluate how these environments are managed.	• Interpretation of coastal diagrams and maps • Understanding of key processes (erosion, transportation, deposition) • Application of knowledge to explain landform formation • Analysis of human-environment interaction	30 minute assessment: Section 1: Knowledge recall Section 2: Skills (Map and or numeracy skills) Section 3: Extended writing 8-mark 'Evaluate' question

		Evaluation of coastal management strategies	
History	1750-1900 the Age of Revolution A revolution in rights. What was the trans-Atlantic slave trade and how was it abolished? Understand how black history has been shaped by slavery. The legacy of slavery. The abolitionists	Measuring change and continuity Source analysis and interpretation	Slavery museum exhibit assessed task
RE	Unit 5: Sikhi Sewa Service in Sikhi Bhagat's story Essential text – Guru Granth Sahib	Sikh data and infographics, interpretation, Sikh lens, engaging with identity and culture, Refining key information, evaluating significance and importance and reaching judgments and conclusions	Sikhi Assessment
Art	Continuing Project 2 How to tell a story Students continue to develop their own ideas for a superhero character using photography and knowledge and skills gained from artist research. We then look at other aspects of comic art that 'tell a story' such as onomatopoeia. Students are introduced to a second artist, Axel Scheffler, an illustrator before finally using work to begin ideas for a comic strip response.	- Idea development — building superhero concepts using photography and research. - Artist analysis — studying illustrators like Axel Scheffler for style and technique. - Storytelling skills — exploring comic features such as onomatopoeia. - Creative application — starting comic strip ideas using learned skills and influences.	Research page
Computer Science	Data Representation Binary and data representation		

	Units of measurement Character sets		
Design Technology	Throughout the year each class completes a series of units on a carousel. This ensures that every student experiences the full range of our excellent new Design Technology facilities. Students will complete units on Food Technology, Textiles, Resistant Materials (in the workshop), and Graphic Design. We teach the key stages of the design and production process with plenty of practical opportunity. The year 8 units are shown below the Term 6 section in this document.		
Music	Caribbean Classics Roots and significance of Reggae music. Features of Reggae music including skank beat.	Listen to Reggae music and identify key features. Play as an ensemble using various instruments: keyboard, ukulele, glockenspiel, tambourine.	

Term 6

Subject	Knowledge	Skills	Assessment
English	The Tempest Students experience their second Shakespeare play, revisiting ideas taught in A Midsummer Night's Dream in year 7. This work builds on the context of Shakespeare, together with key language, plot, character. The key themes of the play are the dynamics around family, power and conflict.	The focus of the unit is reading, providing students opportunity to identify the effects of language and devices, evidencing these with quotes in a more challenging text.	Assessment 5: Tempest Analysis
Maths	Calculating space Area of circles, including 'parts of circles' and compound shapes Volume of prisms and cylinders Data Presentation		

	Construct graphs and charts for a range of data types, including pie charts and stem-and-lead diagrams STEM activities in the final week of term.		
Science	Light and Sound Sound production Type of vibration and sound made Sound waves Structure of the ear Loudness of sound and decibels Light waves Reflection What happens to light waves when they hit transparent, translucent and opaque objects Light and colour	Hypothesis and investigation	End of year assessment
Chinese	Transport Past tense + Future tense (Grammar) End of year general revision (all topics learned this year) Don't, did not, want to/ do not want to (Grammar)	Listening, Reading, Translation and General conversation.	Make posters by topics to list of vocab and sentences structures learned of the year
French	PERFECT tense verbs with ÊTRE Buying souvenirs – ROLE PLAY Buying clothes – ROLEPLAY Planning a visit to Paris Research – French-speaking countries	Improving transactional conversation skills A combination of listening and speaking, reading and writing. Understanding France and the francophone world	Common Vocabulary test (PERFECT tense)
Japanese	Family Project on planning a trip to Japan, including: Places to visit in Japan Saying where you want to go Research on major cities in Japan Presentation in groups on project	Research and planning skills	Presentation about their trip to Japan

Spanish	Shopping continued - Prepare shopping roleplay - Learn about Barcelona - Recap places in town - Learn shops and Use 'se puede comprar' Directions	Transactional skill of buying clothes Being able to understand and give directions	Speaking test. - Shopping roleplay (Having a conversation in a shop where you have to fulfill certain criteria)
Geography	Coastal Fieldwork Students undertake fieldwork at Burnham-on-Sea to apply their understanding of coastal processes, landforms and the human use of coastlines. They use a range of geographical enquiry skills to investigate coastal erosion and management along a UK coastline, including the collection, analysis and interpretation of data.	• Collection of primary fieldwork data (measurement, observation) • Use of sampling techniques and recording methods • Presentation of data using graphs, maps and field sketches • Analysis and interpretation of fieldwork findings • Drawing evidence-based conclusions through geographical enquiry	Work completed in lessons – no assessment
History	Empire The British Empire Economic and military aspects Impacts of Empire Transport Students investigate whether there was a revolution in transport, roads, canals, railways and ships	Continuity and change Source analysis	
RE	Unit 5: Sikhi Sikhism in the UK Art Texts Challenges	Sikh data and infographics, interpretation, Sikh lens, engaging with identity and culture, Refining key information, evaluating significance and	

		importance and reaching judgments and conclusions	
Art	Finalising Project 2 How to tell a story Students work on finalising their comic strip with writing a storyline and gathering photos. They then work on their final outcome, a comic strip that 'tells a story' based on their superhero character.	• Storytelling - building a simple, clear narrative. • Visual communication - using images and layout to convey meaning. • Creativity - inventing characters, ideas, and scenarios. • Concise writing - crafting brief dialogue and captions.	Self assess all 4 AOS and compare to project 1 Comic strip
Computer Science	Blogs / AI Use of Artificial Intelligence Issues around AI Explaining AI		
Design Technology	Throughout the year each class completes a series of units on a carousel. This ensures that every student experiences the full range of our excellent new Design Technology facilities. Students will complete units on Food Technology, Textiles, Resistant Materials (in the workshop), and Graphic Design. We teach the key stages of the design and production process with plenty of practical opportunity. The year 8 units are shown below the Term 6 section in this document.		
Music	Caribbean Classics Features of Calypso music, including steel pan and call & response.	Listen to Calypso music and identify key features. Perform a calypso song. Compose a calypso song.	Appraising assessment: Listening and knowledge of Blues music, film music, and Caribbean music.

Design Technology

Unit	Food	RM - Crocodile	CAD/CAM	Textiles- Gemotreic pencil cases	RM - Steady hand game
Practical Skills	Skills - Hygienic working practice - Safe working practice - Safe handling of raw meat - Knife skills – bridge & claw - Safe use of the cooker & equipment - Making a dough - Pastry making - Creaming method - Use of spices - Dry frying - Sauce making - Shortening	Skills - Use of jigs and templates - measuring - Accurate wood cutting - Shaping wood - Using machine tools safely - Assembling components Knowledge: - Types of motion - Types of cam and follower - Cranks and levers(?) - PVA adhesive - Interference fit	Skills: - Use ruler to measure in mm - Use pencil to draw bold/faint lines - Draw basic solids in orthographic - Draw basic single point perspective - Draw basic two point perspective - Draw basic solids in isometric - Use tone for shading - Render different materials - Draw lettering	Skills - Measuring/use of templates/markings out - Cutting accurately - Pinning and temporary tacking - Digital printing - Installing a zip Seams and lining - Safe/accurate use of the sewing machine	Skills: - Soldering - Crimping - Glue gun - Reading a PCB to place components correctly - Stripping and cutting wire to length
Knowledge	Knowledge - Study of carbohydrate, protein vitamins & minerals - Healthy eating & recipe adaption - The importance of water & hydration - Principles of pastry making - Coagulation of protein - Gelatinisation of starch - Biological raising agents - Cross contamination - Alternative proteins Concepts - Diet & health - Protein, fibre & calcium - Functions of food ingredients - Food science - Energy balance	Knowledge: - Types of motion - Types of cam and follower - Cranks and levers(?) - PVA adhesive - Interference fit Concepts: - Importance of accuracy in mechanisms - Converting types of motion - Problem solving - troubleshooting - Complex products from components	Knowledge: - Accurate measuring w' ruler - How to convert m, cm and mm - Construction & projection lines - Thick line/thin line 3rd angle projection - Using vanishing points - Using isometric grid - Shadow, mid-tone, highlight - Serif, san serif, script, decorative Concepts: - The importance of accuracy 2D drawing 3D drawing - Shading and rendering - Features of typography	Knowledge: - Fabric construction methods - Specifications - Different print placements - Process of heat transfer by hand and digitally Concepts: - Choosing fabrics durability/end use - Quality control - Care of textile products	Knowledge: - Components including: LED, Resistor, Thyristor, Capacitor, Switches - Numeracy: resistor values - Production lines - Polarised components - Vacuum forming – angles - Soldering for an accurate join Concepts: - What an appropriate shape to vacuum form would be - Classification of resistors - How production lines would speed up a process - Appropriate positions of processes during a production line - Soldering accurately