Art

Michaelmas 1	<u>Formal Elements</u> • Understand and use the formal elements of art • Develop observational drawing • Analyze the mark making and work of Vincent Van Gough • Complete a final outcome showing mastery of the formal elements • Critically evaluate the use of formal elements in own outcome using key terminology
Michaelmas 2	Rotation
Lent 1	Rotation
Lent 2	<u>(Rotation) Jing Ju Masks</u> • Facial Proportions • Research and understand how culture and art can interlink through the lens of Jing Ju masks • Use Papier Mache to complete a 3D outcome • Develop and refine own design based on Jing Ju masks Critically evaluate own outcome.
Trinity 1	Rotation
Trinity 2	Rotation

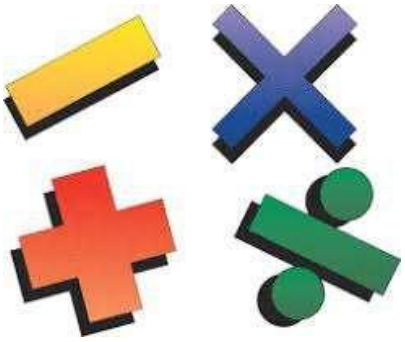
Design & Technology

Michaelmas 1	**Toy Car Project** • Writing a project brief. • Marking out and cutting MDF accurately. • Using power tools. • Half joints. • Technical specification. • Market pull and technology push. • Hand tools and risks. • Scales of production • Health and safety legislation • Gantt charts. • Simple circuits and motors. • Vacuum forming. • Practical testing.
Michaelmas 2	Rotation
Lent 1	Rotation
Lent 2	**Hydraulic Fire Engine** • 2D Design CAD • Free CAD 3d modelling. • Flowcharts. • Advanced marking out and cutting softwood. • Design specification writing. • Materials testing. • Technical specification. • Six cylinder hydraulic systems • Pascal's principle • Practical testing
Trinity 1	Rotation
Trinity 2	Rotation

Food

Michaelmas 1	**Diet and Health (R1)** Food science: What is gluten? Skills focus: Bread Diet & health: Energy balance Nutrition and diet part 1 • Digestion Nutrition and diet part 2 • The main nutrients, their function and sources • Assessment: An 'Eggs-cellent' idea
Michaelmas 2	**Diet and Health (R1)** • What is gluten? • Bread • Energy balance and diet • Nutrition and diet part 1 • An eggs-cellent idea • Nutrition and diet part 2
Lent 1	**Diet and Health (R1)** • What is gluten? • Bread • Energy balance and diet • Nutrition and diet part 1 • An eggs-cellent idea • Nutrition and diet part 2
Lent 2	**Pasta project (R2)** • Develop research skills • Food design • Maths in food • Food science investigation: flour • Saucy solutions • Perfect pasta (extrusion) • Putting it all together • Labelling and costing
Trinity 1	**Pasta project (R2)** • Develop research skills • Food design • Maths in food • Food science investigation: flour • Saucy solutions • Perfect pasta (extrusion) • Putting it all together • Labelling and costing
Trinity 2	**Pasta project (R2)** • Develop research skills • Food design • Maths in food • Food science investigation: flour • Saucy solutions • Perfect pasta (extrusion) • Putting it all together • Labelling and costing

Maths



Michaelmas 1	**Numbers and the number system** • Prime factors and decomposition • HCF and LCM • Rounding **Calculating** • Calculating integers and decimals, positive and negative **Visualising and constructing** • Enlargements and scale diagrams • Bearings
Michaelmas 2	**Probability** • Understand probability scale • Calculate theoretical probabilities **Algebraic proficiency** • Simpifying expressions • Understand and use indices • Rearranging simple formula **Sequences** • Term to term and position term rules for linear sequences **Exploring Fractions decimals and perentages** • Use a multiplier for percentage change • Simple and compound interest
Lent 1	**Proportional Reasoning** • Understand and use ratio to solve ratio problems • Compound units • Best value **Calculating Fractions, decimals and percentages Investigating angles** • Angles in 2D shapes • Angles in polygons • Angles in parallel lines
Lent 2	**Calculating space** • Calculate perimeter and area of quadrilaterals and circles • Calculate volume and surface area of prisms **Solving equations and inequalities** • Solving linear equations with unknowns, brackets on both sides including positive and negative solutions
Trinity 1	**Probability** • Calculate probability for combined events • Listing outcomes • Use frequency trees • Venn diagrams **Data presentation** • Interpret and use histograms, piecharts and scatter diagrams
Trinity 2	**Data Analysis** • Analyse and compare sets of data, using averages and range

English

Michaelmas 1	Romantic Poetry • Blake, Wordsworth, Shelley, Coleridge • Begin poetry comparison • Socio-historical context
Michaelmas 2	Iius Caesar • Rhetorical analysis • Socio-historical context • Begin Thematic analysis
Lent 1	Civil Rights • Of Mice and Men • Protest Poetry: Angelou Civil Rights movement socio-historic context and rhetoric: Martin Luther King and Malcolm X
Lent 2	Civil Rights • Of Mice and Men • Protest Poetry: Angelou Civil Rights movement socio-historic context and rhetoric: Martin Luther King and Malcolm X
Trinity 1	Dystopia • Lord of the Flies • Short Stories: Bradbury • Poetry
Trinity 2	Dystopia • Lord of the Flies • Short Stories: Bradbury • Poetry

RE

Michaelmas 1	**Buddhism** • Introduction to Buddhism • The early life of Siddharatha Gautama • The Four Sights and the Great Departure • What is Meditation? • The Path to Enlightenment/ The Middle Way • The Three Signs of Being • The Four Noble Truths • The Eightfold Path • What is the Sangha (incl. 3 Jewels & 5 Precepts) • Buddhism and Science • The Spread of Buddhism • Different types of Buddhists
Michaelmas 2	**Christianity - Did Jesus save the world?** Visit to the Good Shepherd • - Why is Jesus called 'saviour'? • - What does today's world need to be saved from? • - How does Jesus turn darkness into light? • - Did the birth of Jesus save the world? • - Did the life of Jesus save the world? • - Does Jesus still save people today? • 7- Did the death of Jesus save the world? • - Why is it called 'Good' Friday? • - How has the suffering of Jesus rescued people in the world? • - Did the resurrection of Jesus save the world? • - What happened to Jesus after the resurrection?
Lent 1	**Islam** • What do Muslims believe? • Sunni and Shia split • Where do Muslims learn about their faith? • The Qur'an • The Sunnah • The Prophet Muhammad • What are Muslim attitudes to rights and responsibilities? • Islamic charitable organisations
Lent 2	**Christianity** **Rituals of Life** • What do Christians believe about rituals of life? • Where do Christians learn about the rites of their faith? • How do Christian express/demonstrate their rites of their faith, beliefs and spirituality? • 3a. Birth, naming, Christening , Baptism • 3b. Personal prayer, Bible study, good works, acts of kindness. • 3c. Why people make personal decisions to be baptized and/or confirmed? • 3d. How Christians express their faith in marking the end of life? Death, funerals, belief in everlasting life.

Trinity 1	**Christianity** **Global issues** • What issues do we face? • Why is war a problem? Christian perspectives • What is pacifism? • Why is peace important? • Why are there refugees and how should Christians respond? • What is the cause of poverty? • What are the Christian attitudes to poverty? • What is stewardship? • What is Fairtrade? What can we do?
Trinity 2	**Philosophy and Ethics** • 1a. Where do beliefs come from? • 1b. What is the difference between belief and knowledge? • 2. What is meant by a 'leap of faith'? • 3. How do expressions of faith and belief impact on others? • 4a. How do religious beliefs impact relationships? • 4b. Where do ethics come from? • 5a. How do religious beliefs impact history, politics and society? • 5b. Should a political party have a religious affiliation? • 6a. What is the difference between religion and science?

Geography

Michaelmas 1	North America **Mexico-kidnap capital of the World!** • Relief of Mexico • Population distribution. • Economic drivers of Mexico's growth. • Growth of Mexico city. • Challenges and benefits of Mexico City's rapid growth. • Life in the slums. • Future of Mexico-is there a sustainable way forward?
Michaelmas 2	**Asia India- Rise of a** superpower. • Relief of India. • Population distribution. • Globalisation and the impact on India. • Spatial inequalities within India. • Outsourcing and the new economy i.e. call centres in Delhi. • Sweatshop conditions. • Winners and losers
Lent 1	**N. America- Hurricanes. USA** • Relief of USA • Population distribution. • Formation of hurricanes. • Impacts of hurricanes- Hurricane Sandy. • Comparative case study with Hurricane Katrina. • Preparation, prediction and planning. • Trump and climate change.
Lent 2	**Africa Uganda DME** • Relief of Uganda. • Population distribution. • Problems of rural Uganda. • Spatial and social inequalities. • Solutions to inequalities. • Management – top down. • Bottom up strategies. • DME style assessment.
Trinity 1	**Europe- UK Coasts** • Focus on Holderness • Relief of the UK • Population of the UK. • Wave structures. • Erosion (including weathering-biological, atmospheric and chemical) and deposition

	features • Discordant and concordant coastlines (link to geology) • Coastal erosion. • Strategies to save the coast. • Field trip write up.
Trinity 2	**Middle East- Deserts compared to Russian Tundra** • Locations of Saudi Arabia and Russian tundra. • Climate of both regions • Biomes of both regions. • Net primary productivity of both regions. • Animal adaptations. • Plant adaptations. • Human adaptations. • Impact of climate

History

Michaelmas 1	**The Trans-Atlantic Slave Trade** Skill: Source analysis **Assessment: How useful are sources in showing life under slavery?** Key terms: • African Slavery • Triangular Trade • The Middle Passage • Auctions • Plantation life • Punishments • Slave resistance • Abolition
Michaelmas 2	**20th Century USA- Reconstruction to Civil Rights** Skill: Causation and Change Assessment: **How far did the lives of African Americans change in the Reconstruction?** Why was the Civil Rights Movement successful? Key terms: • Jim Crow Laws • Segregation • Sharecroppers • Ku Klux Klan • Montgomery Bus Boycott • Freedom Riders • Martin Luther King • Sit-ins • Civil Rights Act
Lent 1	**The Industrial Revolution** Skill: Change and continuity **Assessment: How did the Industrial Revolution change British Society?** Key terms: • Inventions • Public health • Railways • Turnpike roads • Factory Conditions • Jack the Ripper
Lent 2	**The First World War** Skill: Source analysis Assessment: **How useful are sources in showing life as a soldier in the trenches of WWI?** Key terms: • M-A-I-N • Assassination • Signing up • Trench warfare • Letters and censorship • Propaganda

Trinity 1	**The Second World War** Skill: Causation Assessment: **What caused the outbreak of WWII?** Key terms: • Churchill • Treaty of Versailles • Hitler • Dunkirk • Battle of Britain • Pearl Harbour • D-Day • Operation Barbarossa • Atomic Bomb
Trinity 2	**The Holocaust** Skill: Interpretation **Assessment: Why did the holocaust happen?** Key terms: • Anti-semitism • Pre-war treatment of Jews • Ghettoes • The Final Solution • Death Camps • Holocaust Denial

French

Michaelmas 1	**Le monde autour de moi** *(The world around me)* **Unit 1: Comment ça va?** *(How are you?)* Revision of saying how you are and why Revision of "je suis" *(I am)* + adjectives Revision of "c'est" *(it is)* + adjectives/nouns **Unit 2: Quel type de personne es-tu?** *(What type of person are ?)* Saying what sort of person you are Revision of "bien que" *(although)* + subjunctive in the first person Use of "bien que" *(although)* + subjunctive in the third person singular Adjectival agreement – masculine/feminine Use of adverbs **Unit 3: Que fais-tu pendant ton temps libre?** *(What do you do during your free time?)* Saying what you do during your free time and how often Use of "jouer" *(to play)*, "faire" *(to do)*, "aller" *(to go)* and "rester" *(to stay)* in the present tense in the first and third person singular Use of time phrases
Michaelmas 2	**Le monde autour de moi** *(The world around me)* **Unit 4: Qu'est-ce que tu aimes faire quand il fait… ?** *(What do you like doing when the weather is…?)* Revision of free time activities Use of opinion verb + infinitive Talking about the weather **Unit 5: Comment est ta soeur?** *(What is your sister like?)* Saying what you are like Saying what other people you know (friends/family members) are like Use of time phrases Adjectival agreement – masculine/feminine/plural Comparatives – "plus/moins/aussi…que…" *(more/less/as… as…)*
Lent 1	**Mon collège** *(My school)* **Unit 1: Comment es ton collège?** *(What is your school like?)* Describing your school Saying what facilities your school has and what they are like Giving your opinion on your school **Unit 2: Qu'est-ce que tu étudies?** *(What do you study?)* Saying what subjects you study Using time phrases to say how often you study them Saying who you study with
Lent 2	**Mon collège** *(My school)* **Unit 3: Que fais-tu pendant la récré?** *(What do you do during break?)* Saying what you do during breaktime using a range of verbs in the first person Revision of time phrases **Unit 4: Comment était ton école primaire?** *(What are you like and what is she like?)* Saying what your primary school used to be like using imperfect past tense Revision of comparatives Saying what you used to do during breaktime versus what you do now

Trinity 1	**La cuisine du monde** *(World cuisine)* **Unit 1 : Qu'est-ce que tu aimes manger?** *(What do you like to eat)* Saying what food you like and dislike and why **Unit 2: Qu'est-ce que tu aimais manger?** *(What did you used to like to eat?)* Saying what you used to like and dislike to eat using imperfect past tense Using past tense opinion verbs to give reasons
Trinity 2	**La cuisine du monde** *(World cuisine)* **Unit 3 : Qu'est-ce que tu manges et qu'est-ce que tu as mangé?** *(What do you eat and what did you eat?)* Saying what you eat and when/how often using present tense Saying what you ate recently using perfect past tense and time phrases **Unit 4: Qu'est-ce que tu voudrais essayer?** *(What would you like to try?)* Saying what food you would like to try when eating out/travelling using the conditional tense

Spanish

Michaelmas 1	¡Viva! 2 Módulo 1 : Mis vacaciones GCSE theme : Local, national, international and global areas of interest **Aim:** Student would be able to talk about their past holiday. **Grammar**: Using Preterite verbs ending ar –er- ir. Ver in past tense ir – vi – ser - • *De vacaciones* • *¿Qué hiciste?* • *El último día* • *¿Cómo te fue?* • *El verano pasado* • *¡Vaya vacaciones* Weekly test 10 words/sentences to translate 1st lesson from KO vocabulary (supported by memrise App for revision) HW: weekly vocabulary in KO + review of lesson (linguascope) • Exam based on Viva2 blue
Michaelmas 2	¡Viva! 2 Módulo 2 : Todo sobre mi vida GCSE theme : Identity and culture **Aim:** Student would be able to say how they use their phone. **Grammar**: Revising present tense. Irregular verbs ar-er-ir and stem changing verbs. Using comparatives. • *Mi vida, mi móvil* • *¿Qué tipo de música te gusta?* • *Me gustan las comedias* • *¿Qué hiciste ayer?* • *Mi guía* • *Mi vida, tu vida* Weekly test 10 words/sentences to translate 1st lesson from KO vocabulary (supported by memrise App for revision) HW: weekly vocabulary in KO + review of lesson (linguascope) • Exam based on Viva2 blue
Lent 1	¡Viva! 2 Módulo 3 : ¡A comer! GCSE theme : Identity and culture **Aim:** Student would be able to say what food they like and use a range of opinions. **Grammar**: Definite articles, negatives and use of future tenses. Plus a range of Time phrases • *¿Qué te gusta comer?* • *¿Qué desayunas?* • *En el restaurante* • *¿Qué vamos a comprar?* • *¡Fiesta!* Weekly test 10 words/sentences to translate 1st lesson from KO vocabulary (supported by memrise App for revision) HW: weekly vocabulary in KO + review of lesson (linguascope) • Exam based on Viva2 blue ¿Qué estudias? • ¿Te gustan las ciencias? • ¿Qué hay en tu insti? • Durante el recreo • ¿Te gusta tu instituto?

Lent 2	¡Viva! 2 Módulo 4 : ¿Qué hacemos? GCSE theme : Identity and culture **Aim:** Student would be able to express what they would like to do, if they go out. Explain their dairy routine all linked with the time. **Grammar:** Conditional + infinitive verbs. Use of stem changing verb. Reflexive verbs in present tense. • *¿Te gustaría ir al cine?* • *Lo siento, no puedo* • *¿Cómo te preparas?* • *Mi rutina* *diaria* *mañana y* *tarde* • *La hora y tu rutina* Weekly test 10 words/sentences to translate 1st lesson from KO vocabulary (supported by memrise App for revision) HW: weekly vocabulary in KO + review of lesson (linguascope) • Exam based on Viva2 blue
Trinity 1	¡Viva! 2 Módulo 4 : ¿Qué hacemos? GCSE theme : Identity and culture **Aim:** Student would be able to talk about their clothes. What they like & don't to wear. Either during their free time or at school. **Grammar**: Adjective agreement Demostrative adjectives Use 3 tenses present, preterite and future all together. • *¿Qué vas a llevar?* • *¡Hoy partido!* • *La ropa* • *El uniforme escolar* • *Que prefieres?* • *Un baile de disfraces* Weekly test 10 words/sentences to translate 1st lesson from KO vocabulary (supported by memrise App for revision) HW: weekly vocabulary in KO + review of lesson (linguascope) • Exam based on Viva2 blue
Trinity 2	¡Viva! 2 Módulo 5 : Operación verano GCSE theme : Local, national, international and global areas of interest. **Aim:** Student would be able to describe their home. **Grammar**: Use of comparatives and superlatives + adjectives. Imperatives Use 3 tenses present, preterite and future all together. • *¿Qué casa prefieres?* • *¿Qué se puede hacer en…?* • *¿Dónde está?* • *Campamentos de verano* • *¡Destinos!*

PE

	Boys	Girls
Michaelmas 1	Two groups will choose from the following: **Basketball** Basic rules, passing, shooting and defending. **Table Tennis** Rules, handling of the bat, serve, basic skills such as backhand and forehand push. **Wall Ball** Basic rules, serve, forehand and positioning on court. Inter-house competition: **Basketball**	**Tag Rugby** Ball handling, passing, scoring, variation games. Inter-house competition: **Tag Rugby**
Michaelmas 2	Both groups will take part in: **Rugby:** Ball handling, passing backwards, tag rugby development and introduction to basic contact. Inter-house competition: **Tag Rugby**	**Trampoline** Introduction to safety rules, basic shapes: Straight jump, half turn, full turn, tuck, straddle and pike and seat drop. Looking at technique and control and linking skills together. Inter-house competition: **Trampoline**
Lent 1	Both groups will take part in: **Football:** Passing technique, shooting technique, defending and tackling, small sided games. Inter-house competition: **Football**	**Netball** Chest, shoulder and bounce pass technique, footwork skills, introduction to dodging and variation sports ie. End ball. Inter-house competition: **Netball**
Lent 2	Two groups will choose from the following: **Basketball** Basic rules, passing, shooting and defending. **Table Tennis** Rules, handling of the bat, serve, basic skills such as backhand and forehand push. **Wall Ball** Basic rules, serve, forehand and positioning on court. Inter-house competition: **Table Tennis**	**Fitness/Orienteering** Basic introduction to fitness components, testing. Circuit training and HIIT. Basic team building exercises. Inter-house competition: **Dodgeball**
Trinity 1	**Athletics** Track events – 60mts, 100mts, 200mts, 1500mts and 4x100mts relay.	**Athletics** Track events – 60mts, 100mts, 200mts, 1500mts and 4x100mts relay.

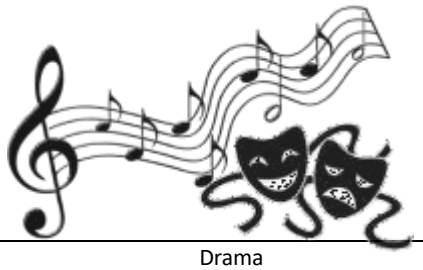
	Field events – shot-put, discus and javelin. Development of technique and opportunity to practice for sports day! No Inter-house competition due to short half term.	Field events – shot-put, discus and javelin. Development of technique and opportunity to practice for sports day! No Inter-house competition due to short half term.
Trinity 2	Choice of the following activities: **Kwik Cricket** Catching, throwing underarm and overarm technique, basic batting skills. Variation games: non stop cricket, diamond cricket, pairs cricket. **Rounders** Catching, throwing underarm and overarm technique, basic batting skills. Variation games: all on the run, 1,2,3,4 scoring. **Softball** Basic rules, batting catching and variation of rules. **Tennis** Introduction to racket grip, hand to eye coordination, forehand, backhand and improving control and power over the ball. Variation games focusing on longer rallys. Inter-house competition Boys: **Dodgeball** Inter-house competition Girls: **Rounders**	Choice of the following activities: **Kwik Cricket** Catching, throwing underarm and overarm technique, basic batting skills. Variation games: non stop cricket, diamond cricket, pairs cricket. **Rounders** Catching, throwing underarm and overarm technique, basic batting skills. Variation games: all on the run, 1,2,3,4 scoring. **Softball** Basic rules, batting catching and variation of rules. **Tennis** Introduction to racket grip, hand to eye coordination, forehand, backhand and improving control and power over the ball. Variation games focusing on longer rallys. Inter-house competition Boys: **Dodgeball** Inter-house competition Girls: **Rounders**

Science

Michaelmas 1	Photosynthesis • The structure and function of the leaf. • Word and symbol equation for photosynthesis. • Evidence for photosynthesis. Mixtures and solution • Compounds vs mixtures • Making solutions • Diffusio n Electricity • Circuit symbols. • Building and drawing circuit diagrams. • Parallel vs series circuits. • Current and voltage. • Calculating resistance.
Michaelmas 2	<u>Respiration</u> • The word and symbol equation for respiration. • Mitochondria. • Aerobic vs anaerobic respiration. • Evidence for respiration. <u>Separation techniques</u> • Filtration and crystallization • Distillation • Chromatography <u>Static electricity</u> • Charge. • Producing static electricity. • Van der Graff generator.
Lent 1	<u>Enzyme theory</u> • Structure and function of enzymes. • Uses of enzymes. • Enzyme activity and surrounding conditions. <u>Further Chemical Reactions</u> • Making observations on chemical reactions. • Writing word and symbol equations for chemical reactions. • Flame tests. • Gas tests. <u>Pressure</u> • Particle model recap. • Calculating Pressure. • Pressure in gases. • Pressure in liquids. •
Lent 2	<u>Genetics</u> • DNA • Inheritance. • Variation. <u>Metals and non-metals</u> • Metals and non-metals on the periodic table.

	• Properties and uses of metals. • Properties and uses of non-metals. **Moments** • Levers • Turning forces • Calculating a moment. • Uses of levers and moments
Trinity 1	**Classification and Evolution** • Classifying organisms into groups. • The vertebrate classes. • The invertebrate classes. • Natural selection. **Reactivity Series** • Order of reactivity of metals. • Determining order from observation • Determining order from data • Displacement reactions. • Application of reactivity.
Trinity 2	**Rock cycle** • Formation of igneous rocks. • Formation of sedimentary rocks. • Formation of metamorphic rocks. • Physical processes in the rock cycle. **End of year project: Volcanoes** • Formation of volcanoes. • Research and presentation project: Pupils will get the opportunity to research a famous volcanic eruption or an upcoming volcanic threat and present their findings to the class.

Music & Drama



	Music	Drama
Michaelmas 1	**Instrumental Skills** Extending instrumental skills and adding in Keyboard, Guitar & Ukulele. Learning scales, riffs, chords and a graded piece (grades 1/2), identifying features of popular styles.	**Theatre in Education** Devising a play in the style of Theatre in Education which uses the correct drama conventions and realises artistic intentions in a live performance.
Michaelmas 2	**Blues & Jazz** Learning about Blues with its characteristic musical features (Walking Bass line, 12-bar Blues chords, improvisation & swung rhythms). Writing about Music and linking this to a cultural exploration of Blues' origins in American slavery & post-abolition treatment.	**Introduction to Physical Theatre** Devising a play in the style of Physical Theatre which uses the correct drama conventions and realises artistic intentions in a live performance.
Lent 1	**World Music** Travelling around the world through Music. Exploring the music and key features of different countries and cultures. Includes a World Music Workshop (e.g: African Drumming; Samba Batucada; Indonesian Gamelan).	**Performing from Script** Produce a performance from script which successfully realises artistic intention during a live examination performance
Lent 2	**Musical Theatre** Performing Arts project – performing & acting songs/scenes from a Musical.	**Theatre Analysis** Identify, analyse and evaluate technical aspects of theatre and performance skills used in a live performance.
Trinity 1	**Sequencing & Production** Using Music Technology sequencing Software (Logic Pro X) to recreate a pre-existing piece. Using skills learnt to produce own piece.	**DNA** Demonstrate understanding of how to use technical aspects of theatre and performance skills used in a set text – 'DNA'.
Trinity 2	**Songwriting/Free Composition** Composing a piece in a style that they choose which demonstrates their own musical voice and utilises all they have learnt in KS3 Music.	**???** Can you demonstrate understanding of the devising process, converting a script to performance and technical aspects of theatre in a set text and live performance?

Computer Science

Michaelmas 1	• Learn about network and cyber security.
Michaelmas 2	• Learn about data and data representation.
Lent 1	• Learn about machines and computational modelling
Lent 2	• Database programming
Trinity 1	• Web design and development
Trinity 2	• Computing and the environment