

Art Craft & Design



<p>Michaelmas 1 (02/09/2020-23/10/2020)</p>	<p>Research the work of Artist Jane Laurence Complete a academic analysis of one of her pieces Compile visual material to suit he chosen theme Use the visual material to complete a response to the work of Janet Laurence Complete a personal plan for developing an outcome</p>
<p>Michaelmas 2 (02/11/2020-18/12/2020)</p>	<p>Complete a personal outcome in a mock exam</p> <p>Prepare and practice exam outcome</p> <ul style="list-style-type: none"> • Analyze exam outcome
<p>Lent 1 (04/01/2021-12/02/2021)</p>	<p>ART EXAM Curriculum will be developed to suit the exam published in Jan.</p> <p>Stage 1: Research artists to respond to exam title</p> <p>Stage 2: Develop media experiments in response to artists researched</p> <p>Stage 3: Collect primary visual research</p>
<p>Lent 2 (22/02/2021-31/03/2021)</p>	<p>ART EXAM.</p> <p>Stage 4: Develop and refine outcome</p> <p>Stage 5: Complete a Mock Out come Complete the 10 hour timed component.</p>
<p>Trinity 1 (19/04/2021-28/05/2021)</p>	
<p>Trinity 2 (07/06/2021-23/07/2021)</p>	

Engineering



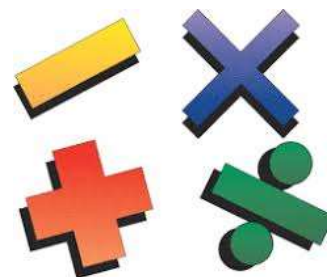
Michaelmas 1 (02/09/2020-23/10/2020)	Design and make activity - synoptic project MOCK Tower Crane <ul style="list-style-type: none">• Hand drawing.• CAD drawing• CAM Laser cutting• Six cylinder hydraulics• Learning Journal Completion• Testing• Evaluation
Michaelmas 2 (02/11/2020-18/12/2020)	Design and make activity - synoptic project MOCK Tower Crane <ul style="list-style-type: none">• Learning Journal Completion• Testing• Evaluation
Lent 1 (04/01/2021-12/02/2021)	Design and make activity - synoptic project ACTUAL TBC <ul style="list-style-type: none">• Hand drawing.• CAD drawing• CAM Laser cutting• Six cylinder hydraulics• Learning Journal Completion• Testing Evaluation
Lent 2 (22/02/2021-31/03/2021)	Design and make activity - synoptic project ACTUAL Tower Crane <ul style="list-style-type: none">• Learning Journal Completion• Testing• Evaluation
Trinity 1 (19/04/2021-28/05/2021)	
Trinity 2 (07/06/2021-23/07/2021)	

Food Preparation And Nutrition



<p>Michaelmas 1 (02/09/2020-23/10/2020)</p>	<p>Advanced skills: advanced dough pastry, pasta and bread Skills focus: Sauces Topic: NEA 1 research phase Food science: Conducting Food science investigations</p>
<p>Michaelmas 2 (02/11/2020-18/12/2020)</p>	<p>Advanced skills: Setting mixtures Skills focus: NEA2 Food preparation research phase Topic: Sensory analysis Food science: NEA1 Food science investigation</p>
<p>Lent 1 (04/01/2021-12/02/2021)</p>	<p>Advanced skills: Kitchen management & planning Skills focus: NEA2 Food preparation trials and examination Topic: Diet & Health revision Food science: Revision</p>
<p>Lent 2 (22/02/2021-31/03/2021)</p>	<p>Advanced skills: Written examination techniques Skills focus: NEA2 Food preparation evaluation Topic: Food safety, science & provenance revision</p>
<p>Trinity 1 (19/04/2021-28/05/2021)</p>	<p>Advanced skills: Written examination techniques Skills focus: Topic: Targeted revision Food science: Aeration</p>
<p>Trinity 2 (07/06/2021-23/07/2021)</p>	<p>Revision & Examination</p>

Maths Foundation Tier



<p>Michaelmas 1 (02/09/2020-23/10/2020)</p>	<ul style="list-style-type: none"> ▪ Collecting Like Terms ▪ Multiply and Divide terms / expressions ▪ Multiply out expressions with brackets such as $3(x+2)$ or $5(x-2)$. ▪ Expand (and simplify) harder expressions such as $x(x^2-5)$ and $3(x+2)-5(2x-1)$. ▪ Expand (and simplify) quadratic expressions such as $(x+4)(x-2)$, $(2x+y)(3x-2y)$ and $(x+2)^2$. ▪ Create expressions or formulae to represent worded problems
<p>Michaelmas 2 (02/11/2020-18/12/2020)</p>	<ul style="list-style-type: none"> • Using ratio notation, including reduction to its simplest form and its various links to fraction notation • Solving word problems about ratio and proportion, including using informal strategies and the unitary method of solution. • Dividing a quantity in a simple ratio • Dividing a quantity in a given ratio including $a:b:c$ including combined ratio • Problem solving and reasoning using proportion
<p>Lent 1 (04/01/2021-12/02/2021)</p>	<ul style="list-style-type: none"> • Targeted Revision
<p>Lent 2 (22/02/2021-31/03/2021)</p>	<ul style="list-style-type: none"> • Targeted Revision
<p>Trinity 1 (19/04/2021-28/05/2021)</p>	
<p>Trinity 2 (07/06/2021-23/07/2021)</p>	

English Literature & Language



Michaelmas 1 (02/09/2020-23/10/2020)	<u>An Inspector Calls</u> <ul style="list-style-type: none">• Textual analysis• Socio-historical context
Michaelmas 2 (02/11/2020-18/12/2020)	Language 1 Exam Prep
Lent 1 (04/01/2021-12/02/2021)	Lang 1 and 2 Exam Prep
Lent 2 (22/02/2021-31/03/2021)	Interleaved Practice of Lit and Lang
Trinity 1 (19/04/2021-28/05/2021)	
Trinity 2 (07/06/2021-23/07/2021)	

RE



Michaelmas 1 (02/09/2020-23/10/2020)	Paper 2 – Religion, peace and conflict: Islam. (50%) <u>Topic covered: finishing Muslim beliefs and start Living a Muslim Life</u>
Michaelmas 2 (02/11/2020-18/12/2020)	Paper 2 – Religion, peace and conflict: Islam. (50%) <u>Topic covered: Living a Muslim Life</u>
Lent 1 (04/01/2021-12/02/2021)	<u>Finish Islamic beliefs:</u> <ul style="list-style-type: none">• The main beliefs in Shi’a Islam• What is prophethood and why is it important?• What are the holy books?• The Imamate in Shi’a Islam <u>Start Islamic practices:</u> <ul style="list-style-type: none">• Worship<ul style="list-style-type: none">○ The five pillars and the ten obligatory acts○ The Shahadah○ Salah
Lent 2 (22/02/2021-31/03/2021)	Paper 2 – Religion, peace and conflict: Islam. (50%) <u>Topic covered: Crime and Punishment</u>
Trinity 1 (19/04/2021-28/05/2021)	Paper 2 – Religion, peace and conflict: Islam. (50%) <u>Revision: Examinations on the 11th and 19th May 2019</u>
Trinity 2 (07/06/2021-23/07/2021)	

Geography



<p>Michaelmas 1 (02/09/2020-23/10/2020)</p>	<p style="text-align: center;">Paper 2 cont. UK's Evolving Human landscape.</p> <ul style="list-style-type: none"> • where do we live in the UK? • Decline of the old economy • Dinnington case study. • The rise of the new economy. • The impact of globalization. • Inequalities in London. • Stratford- field trip-write up over half term.
<p>Michaelmas 2 (02/11/2020-18/12/2020)</p>	<p style="text-align: center;"><u>UK's Evolving landscape cont.</u></p> <ul style="list-style-type: none"> • Understanding London. • Expansion and regeneration. • Impacts of rebranding- Newham. • Rural issues. • Devon Case study. • New opportunities.
<p>Lent 1 (04/01/2021-12/02/2021)</p>	<p style="text-align: center;"><u>Paper 3.</u></p> <ul style="list-style-type: none"> • People and the Biosphere. • What and where- biomes. • Local factors and biomes. • Goods and services in the biomes. • Threats to the rainforest • Management of the rainforest. • Forests under threat. • What are tropical rainforests. • Nutrient cycle/Carbon cycle. • Direct threats to the rainforest. • indirect threats to the rainforest. • Management of the rainforest- national and global
<p>Lent 2 (22/02/2021-31/03/2021)</p>	<p style="text-align: center;"><u>Forests under threat cont.</u></p> <ul style="list-style-type: none"> • Taiga- Direct threats. • Taiga under pressure. • Conservation of the taiga. <p>Consuming Energy Resources.</p> <ul style="list-style-type: none"> • Types of energy. • Environmental impacts of energy extraction.Global energy use. • Changing costs of energy. • Costs of developing fossil fuels.
<p>Trinity 1 (19/04/2021-28/05/2021)</p>	<p>Consuming Energy Resources.</p> <ul style="list-style-type: none"> • Reducing reliance on fossil fuels. • Energy alternatives. • Future of energy consumption. <p>Exam revision.</p>
<p>Trinity 2 (07/06/2021-23/07/2021)</p>	<p><u>Exam Revision</u></p>

History



<p>Michaelmas 1 (02/09/2020-23/10/2020)</p>	<p>Course Content: Paper 2- Period Study: Superpower relations and the Cold War, 1941-91 (20% total)</p> <p>Topic 1: Origins of the Cold War (1941-1958)</p>
<p>Michaelmas 2 (02/11/2020-18/12/2020)</p>	<p>Course Content: Paper 2- Period Study: Superpower relations and the Cold War, 1941-91 (20% total)</p> <ul style="list-style-type: none"> • Topic 2: Cold War Crises (1958-1970)
<p>Lent 1 (04/01/2021-12/02/2021)</p>	<p>Course Content: Paper 2- Period Study: Superpower relations and the Cold War, 1941-91 (20% total)</p> <p>Topic 3: 3: End of the Cold War (1970-1991) Republic 1918 - 29</p>
<p>Lent 2 (22/02/2021-31/03/2021)</p>	<p>Course Content: Paper 2- Period Study: Superpower relations and the Cold War, 1941-91 (20% total)</p>
<p>Trinity 1 (19/04/2021-28/05/2021)</p>	<p><u>Revision of all topics</u></p>
<p>Trinity 2 (07/06/2021-23/07/2021)</p>	<p><u>All papers</u></p>

Combined Science



Michaelmas 1
(02/09/2020-23/10/2020)

The Atmosphere

- Proportions of gases in the atmosphere.
- The earth's early atmosphere.
- How oxygen increased.
- How Carbon Dioxide decreased.
- Greenhouse gases.
- The effect of human activities.
- Global Climate Change.
- Carbon footprint.
- Atmospheric pollutants.

Coordination and control

- Homeostasis (triple only).
- The nervous system.
- Reflex actions.
- The brain (triple only).
- Required practical: Investigating reaction time.
- The eye (triple only).
- Seeing in focus (triple only).
- Eye defects (triple only).
- Controlling body temperature (triple only).
- The endocrine system.
- Controlling blood glucose.
- Diabetes.
- Water balance (triple only).
- The kidneys (triple only).
- Negative feedback.
- Kidney failure (triple only).
- Dialysis or transplant (triple only).
- Human reproduction.
- IVF.
- Contraception.

- Auxins
- Application of Auxins (triple only).
- Required practical: The effect of light and gravity on the growth of germinating seeds (triple only).
- Other plant hormones.

Electromagnetism

- Magnetism and magnetic forces.
- Compasses and magnetic fields.
- The magnetic effect of a solenoid.
- Electromagnets in action.
- Calculating the force on a conductor.
- Electric motors.
- Loudspeakers.
- The generator effect (triple only).
- Transformers (triple only).

Rate and extent of chemical change

- Measuring rates.
- Limiting reactants and molar masses.
- Calculating rates.
- Factors affecting rates.
- Required practical: Investigating effect of concentration on the rate of reaction in sodium thiosulfate.
- Factors increasing the rate of a reaction.
- Collision theory.
- Catalyst.
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Michaelmas 2
(02/11/2020-18/12/2020)

Rate and extent of chemical change

- Reversible reactions and energy changes.
- Equilibrium.
- Changing concentration and equilibrium.
- Changing temperature and equilibrium.
- Changing pressure and equilibrium.

Genetics, variation and evolution

- DNA and Genes.
- The human genome.
- Tracing human migration.
- The structure of DNA (triple only).
- Proteins (triple only).
- Mutations (triple only).
- Meiosis.
- Asexual reproduction.
- Genetics.
- Genetic crosses.

- Tracking gene disorder.
- Gregor Mendel (triple only).
- Variation
- The theory of evolution.
- Natural selection.
- Fossil evidence for natural selection.
- Darwin and Wallace (Triple only).
- Evidence of natural selection and evolution.
- Antimicrobial resistance.
- Selective Breeding.
- Producing new plant varieties.
- Genetic engineering.
- Genetically modified crops
- The ethics of genetic modification.
- Cloning (triple only).
- The tree of life.
- Extinction.

Forces

- Forces
- Speed
- Acceleration
- Velocity-time graphs
- Calculations of motion.
- Weight, gravity and mass.
- Forces and motion.
- Resultant forces.
- Forces and acceleration.
- Required practical: Investigating the acceleration of an object.
- Newton's third law.
- Momentum.
- Keeping safe on the road.
- Moments (triple only).
- Lever and pressure (triple only).
- Pressure in a fluid (triple only).
- Atmospheric pressure (triple only).
- Forces and energy in springs.
- Required practical: Investigate the relationship between force and the extension in a spring.

Lent 1
(04/01/2021-12/02/2021)

Sustainable development

- The Earth's resources.
- Potable water.
- Required practical: Analysis and purification of water samples from different sources.
- Waste water treatment.
- Alternative methods of metal extraction.
- Life cycle Assessment and recycling.
- Ways of reducing the use of resources.
- Corrosion and its prevention (triple only).
- Alloys as a useful material (triple only).
- Ceramic, polymers and composites (triple only).
- Haber process (triple only).
- Production and use of NPK fertilizer (triple only).

	<p><u>Hydrocarbons</u></p> <ul style="list-style-type: none"> • Crude oil, hydrocarbons and alkanes. • Fractional distillation and petrochemicals. • Properties of hydrocarbons. • Combustion. • Cracking and alkenes. • Structure and formulae of alkenes (triple only). • Reactions of alkenes (triple only). • Alcohols (triple only). • Carboxylic acids (triple only). • Addition polymerization (triple only). • Condensation polymerization (triple only). • Amino acids (triple only). • DNA and other naturally occurring polymers. • Intermolecular forces. •
<p>Lent 2 (22/02/2021-31/03/2021)</p>	<ul style="list-style-type: none"> • P2 Revision • C2 Revision • B2 Revision • P1 Revision
<p>Trinity 1 (19/04/2021-28/05/2021)</p>	<ul style="list-style-type: none"> • C1 Revision • B1 Revision • B1 and C1 Revision
<p>Trinity 2 (07/06/2021-23/07/2021)</p>	

Music



	Music GCSE	Music Technology
<p>Michaelmas 1 (02/09/2020-23/10/2020)</p>	<p><u>Fusions: 'Release', Afro Celt Sound Systems</u></p> <p>Introduction to Fusions Study Set work according to the key musical features Identify features in listening & analyse their use, comparing this to similar pieces.</p> <p><u>Solo and Ensemble Performance</u></p> <p>Pupils refine solo piece in order to record final performance at Half Term. Choose and work on Ensemble performance.</p> <p><u>Composition to a Brief</u></p> <p>Introduction to coursework component – composition to a brief – explore 4 set briefs release. Analysis of compositional skills & identification of preference of compositional brief Initial exploration and developing of musical ideas for composition coursework.</p>	<p><u>Sound Recording</u></p> <p>Learning and workshops on sound & recording equipment</p>
<p>Michaelmas 2 (02/11/2020-18/12/2020)</p>	<p><u>Fusions: 'Samba Em Preludio', Esperanza Salding</u></p> <p>Study Set work according to the key musical features Identify features in listening & analyse their use, comparing this to similar pieces.</p> <p><u>Ensemble Performance</u></p> <p>Pupils refine ensemble piece in order to record final performance at Christmas.</p> <p><u>Composition to a Brief</u></p> <p>Development & completion of coursework component – composition to a brief Developing of musical ideas and</p>	<p><u>Sound Recording</u></p> <p>Learning and workshops on recording live bands/instruments</p>

	extending pieces either through contrasting sections or addition of layers.	
Lent 1 (04/01/2021-12/02/2021)	<p><u>Revision of Set Works</u></p> <p>Review, recap & question on Set works studied.</p> <p>Clarify misconceptions.</p> <p><u>Coursework</u></p> <p>Make improvements to compositions or re-record performances, as appropriate/necessary</p>	<p><u>Sound Recording</u></p> <p>Planning, organizing, rehearsing & recording own recording session</p>
Lent 2 (22/02/2021-31/03/2021)	<p><u>Revision of Set Works</u></p> <p>Review, recap & question on Set works studied.</p> <p><u>Exam Practice</u></p> <p>Completion of Exam papers</p> <p>Identification of gaps in knowledge</p> <p>Intervention focused teaching</p>	<p><u>Sound Recording</u></p> <p>Recording & post-production work on recording session & evaluating work.</p>
Trinity 1 (19/04/2021-28/05/2021)	<p><u>Exam Practice</u></p> <p>Completion of Exam papers</p> <p>Identification of gaps in knowledge</p> <p>Intervention focused teaching</p>	<p><u>Improvements & completion of any outstanding coursework</u></p>
Trinity 2 (07/06/2021-23/07/2021)		

Computer Science



<p>Michaelmas 1 (02/09/2020-23/10/2020)</p>	<ul style="list-style-type: none"> • Composing exercises/tasks: AOSI focused • Development of Solo performances
<p>Michaelmas 2 (02/11/2020-18/12/2020)</p>	<ul style="list-style-type: none"> • Composing exercises/tasks: AOSI focused • Performing skills
<p>Lent 1 (04/01/2021-12/02/2021)</p>	<ul style="list-style-type: none"> • Data structures, input/output • Subprograms, testing and evaluation.
<p>Lent 2 (22/02/2021-31/03/2021)</p>	<ul style="list-style-type: none"> • Data and data representation • Database Management System.
<p>Trinity 1 (19/04/2021-28/05/2021)</p>	<ul style="list-style-type: none"> • Controlled Assessment Project.
<p>Trinity 2 (07/06/2021-23/07/2021)</p>	<ul style="list-style-type: none"> • Machines and computational modellings • Logic and Software systems.

Drama



Michaelmas 1 (02/09/2020-23/10/2020)	<p>Introduction to GCSE Drama – Basic Skills (Components 1, 2 and 3)</p> <p><u>Stanislavski and scene study</u> (Texts in Practice)</p>
Michaelmas 2 (02/11/2020-18/12/2020)	<p><u>Stanislavski and Scene Study</u> (Texts in Practice)</p> <p><u>Theatre Roles and Terminology</u> (Understanding Drama)</p> <p><u>Live Theatre Production</u> (Understanding Drama)</p>
Lent 1 (04/01/2021-12/02/2021)	<p><u>The Crucible</u> (Understanding Drama)</p> <p><u>Live Theatre Production</u></p> <ul style="list-style-type: none"> (Understanding Drama)
Lent 2 (22/02/2021-31/03/2021)	<p><u>Component 2: Devising Drama Styles</u></p> <p>Brecht and Epic Theatre-<i>Monster Punch</i></p> <p>Frantic Assembly and physical theatre-<i>the basics</i></p> <p><u>Component 2:</u> <u>Devising Drama</u> Assembling stimuli and initial work</p>
Trinity 1 (19/04/2021-28/05/2021)	<p><u>Component 2:</u> <u>Devising Drama</u> Responding to a Stimulus (800 word Log)</p> <ul style="list-style-type: none"> Developing and devising the piece.
Trinity 2 (07/06/2021-23/07/2021)	<p><u>Component 2:</u> <u>Devising Drama</u> Developing and Evaluating (1600 word log)</p> <p>Rehearsing and performing the piece.</p> <p><i>Devising Exam. Internally examined / externally moderated</i></p>

OSC Certificate in Sports Studies



Michaelmas 1 (02/09/2020-23/10/2020)	Unit R051 – Contemporary issues in sport <ul style="list-style-type: none"> LO – Understand the importance of hosting major sporting events
Michaelmas 2 (02/11/2020-18/12/2020)	Unit R051 – Contemporary issues in sport <ul style="list-style-type: none"> LO – Know about the role of national governing bodies in sport
Lent 1 (04/01/2021-12/02/2021)	Unit R053 – Sports Leadership <ul style="list-style-type: none"> LO – Know the personal qualities, styles, roles and responsibilities associated with effective sports leadership.
Lent 2 (22/02/2021-31/03/2021)	Unit R053 – Sports Leadership <ul style="list-style-type: none"> LO – Be able to plan sports activities sessions
Trinity 1 (19/04/2021-28/05/2021)	Unit R053 – Sports Leadership <ul style="list-style-type: none"> LO – Be able to deliver sports activities sessions
Trinity 2 (07/06/2021-23/07/2021)	Unit R053 – Sports Leadership <ul style="list-style-type: none"> LO – Be able to evaluate own performance in delivering a sports activity session

OCR Cambridge National Sports Studies



<p>Michaelmas 1 (02/09/2020-23/10/2020)</p>	<p>RO56 Outdoor Activities</p> <p>LO1 – Know about different types of outdoor activities and their provision LO2 – Understand the value of participating in outdoor activities LO3 - Be able to plan an outdoor activity LO4 - Be able to demonstrate knowledge and skills during outdoor activities</p> <p>Completing an Orienteering Task at Peckham Rye Park for their assessment.</p>
<p>Michaelmas 2 (02/11/2020-18/12/2020)</p>	<p>RO52 Developing Skills</p> <p>Completing Unit from Year 9</p>
<p>Lent 1 (04/01/2021-12/02/2021)</p>	<p>RO52 Developing Skills</p> <p>Completing Unit from Year 9</p>
<p>Lent 2 (22/02/2021-31/03/2021)</p>	<p>RO51 – Contemporary Issues in Sport</p> <p>Classroom based learning in preparation for written exam.</p>
<p>Trinity 1 (19/04/2021-28/05/2021)</p>	<p>RO51 – Contemporary Issues in Sport</p> <p>Classroom based learning in preparation for written exam.</p> <ul style="list-style-type: none"> • Written exam: 13th May 2020
<p>Trinity 2 (07/06/2021-23/07/2021)</p>	<p>RO53 - Leadership in Sport</p> <p>LO1 - Know the personal qualities, styles, roles and responsibilities associated with effective sports leadership LO2 - Be able to plan sports activity sessions LO3 – Be able to deliver a sports activity session LO4 – Be able to evaluate own performance in delivering a session</p> <p>Students will plan and deliver a coaching session at the Trinity Primary</p>

Statistics



Michaelmas 1 (02/09/2020-23/10/2020)	<ul style="list-style-type: none">• Time series• Experimental and theoretical probability
Michaelmas 2 (02/11/2020-18/12/2020)	<ul style="list-style-type: none">• Experimental and theoretical probability• Further summary statistics
Lent 1 (04/01/2021-12/02/2021)	<ul style="list-style-type: none">• • Probability distributions• Standardised scores
Lent 2 (22/02/2021-31/03/2021)	<ul style="list-style-type: none">• Quality assurance
Trinity 1 (19/04/2021-28/05/2021)	<ul style="list-style-type: none">• Mini-investigation
Trinity 2 (07/06/2021-23/07/2021)	<ul style="list-style-type: none">• Revision