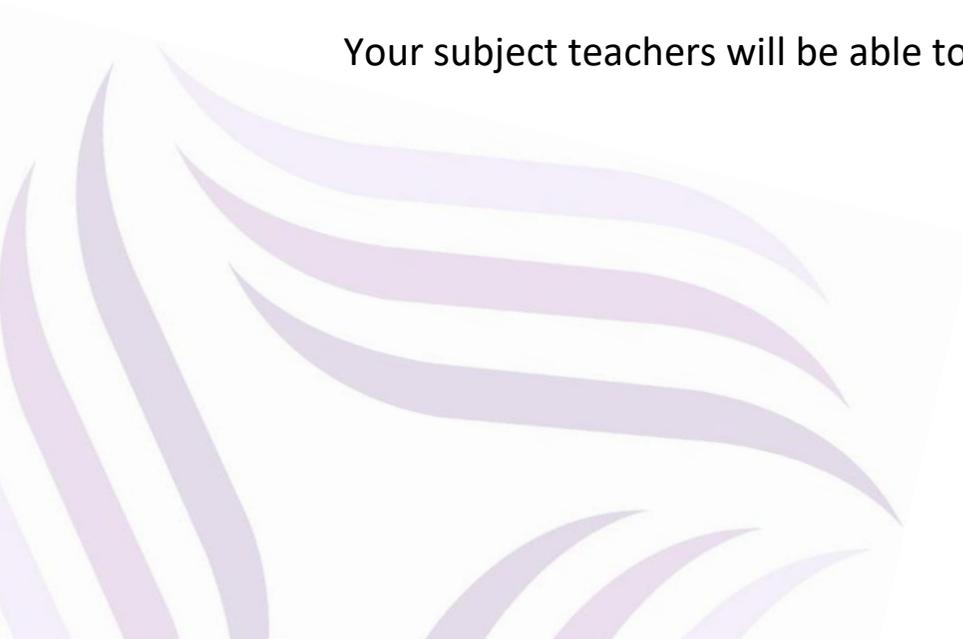


Year 11

Assessment Plans for all subjects

This document includes details of all assessments taking place this half term with information about which parts of the specification are being assessed.

Your subject teachers will be able to give you further information and updates if required.



6 Week Drama GCSE Plan 28 May

Weeks	Delivery	Assessment Logged on G4S	Students involved
19 April (week 2)	Section A Exam Devising coursework Monologue		Section A Exam - ALL Coursework:
26 April (week 1)	↓	Section A Exam	
3 May		Devising coursework	
10 May			
17 May		Devising coursework Monologue	
24 May		Section A Exam – board assessment	

GCSE Art & Design: Fine Art – x2 groups	
Weeks	Deliver
Wk2 - 19 April	A02 – completion of design ideas A04 – realisation of intentions Student to create a final outcome on A2 that makes clear links with their design ideas and the rest of their portfolio
Wk1 – 26 April	A04 – realisation of intentions Student to create a final outcome on A2 that makes clear links with their design ideas and the rest of their portfolio
Wk2 – 3 May	A04 – realisation of intentions Student to create a final outcome on A2 that makes clear links with their design ideas and the rest of their portfolio
Wk1 – 10 May	Where students have finished design ideas and final outcomes, they can revisit full portfolios and complete any prior work that is unfinished from year 10 or to review and refine & improve visual quality of work
Wk2 – 17 May	Extension tasks – for HAP only to stretch & challenge
Wk1 – 24 May	

GCSE Art & Design: Photography – x1 group	
Weeks	Deliver
Wk2 - 19 April	A02 – completion of design development 1 & 2 A04 – realisation of intentions Student to create a final outcome and print on A3
Wk1 – 26 April	A04 – realisation of intentions Student to create a final outcome and print on A3
Wk2 – 3 May	A04 – realisation of intentions Student to create a final outcome and print on A3
Wk1 – 10 May	Refinement of portfolios
Wk2 – 17 May	Students to spend time annotating, ensuring written analysis is presented in their books, experimentation and exploration is presented, development and final outcomes
Wk1 – 24 May	Work must show clear connections throughout project to support access to the assessment criteria

GCSE Science Combined	Topic	Topics to revise
Biology Assessment 1 Test date: 22 April - 26 April Test duration 30 mins	Cells and organisation	<p>Foundation: Cell structures and function</p> <ul style="list-style-type: none"> • Cell adaptation • Comparing electron microscopes and light • Cell transport systems • RP osmosis: variables, graph • Magnification's calculations • Cells Organisation • Aerobic Respiration equation • Anaerobic respiration • Parts of the respiratory system • Exercise recovery rate and fitness level • Digestion enzymes • Adaption of the Villi for absorption <p>Higher:</p> <ul style="list-style-type: none"> • Difference between plant, animal, and bacterial cells • Stem Cells, where are they found and economic use of? • Comparing electron microscopes and light • Cell transport systems • The different stages of Mitosis • RP osmosis: variables, graph • Standard form • Magnification's calculations • Digestion enzymes • Adaption of the Villi for absorption
Biology Assessment Test date: 4 May – 7 May Test duration 30 mins	Infectious disease and Bioenergetics	<p>Foundation:</p> <ul style="list-style-type: none"> • Different Pathogens and the disease they cause • Bodies defence against pathogens entering • What is immunity, how does the immune system defend against disease • Explain why antibiotics are not used to treat HIV • Preventing the spread of HIV



		<ul style="list-style-type: none">• Explain why people die with AIDs• Difference between aerobic and anaerobic respiration• RP-Light intensity and the rate of photosynthesis, accuracy, plotting data• Interpreting data about amount of energy produced during aerobic and anaerobic respiration• Comparing breathing rate for three different activities <p>Higher</p> <ul style="list-style-type: none">• What are vaccinations and how do they work?• How does vaccinations reduce infections?• Drug trails; interpretating data• Explain the purpose of the phase 1 drug trails• Balanced symbol equation for photosynthesis• What are Eukaryotes• Uses of energy transferred by respiring Eukaryotic cells• Compare process of anaerobic respiration in muscle and plant cells• What does the term Oxygen debt mean?• Explain how the oxygen debt is repaid• RP-Light intensity and the rate of photosynthesis, accuracy, plotting data• Plan an investigation to investigate Carbon dioxide concentrations. Include variables, safety• Calculating light intensity using Inverse square law
Biology Assessment Test date: 13 May – 17 May Test duration 30 mins	Ecology	<p>Foundation</p> <ul style="list-style-type: none">• What are fossils, how are they formed?• Interpreting graphs about how long-ago organisms were alive.• Differences between biotic and abiotic factors• Factors that may affect populations of plants in a garden• Difference between structural, functional and behavioural adaptations• What is evolution?• Who proposed the idea of evolution?• What is extinction and causes of extinction?• What factors are causing extinction• Food chains construct• How organisms lower down in the food chain affect the numbers of organisms higher up the food chain• Explain why humans cut down trees• Sampling populations of organisms in a garden

		<p>Higher</p> <ul style="list-style-type: none"> • Greenhouse gas and their effects on climate change • How is Carbon recycled in living organisms? • Difference between biotic and abiotic factors • How do biotic and abiotic factors affect distribution of plants • Biodiversity • Peat and the biodiversity • Effects of planting a single type of crop and its effect on the environment • The effect of deforestation on the environment • Quadrats and validity of the method • Calculating number of plants in a field
<p>Chemistry Assessments</p>		
<p>Chemistry Assessment 1 Test date: 22 April - 27 April Test duration 30 mins</p>	<p>Rates and extent of reaction/ energy changes</p>	<p>Foundation:</p> <ul style="list-style-type: none"> • How concentration affects the rate of a reaction • How does temperature affect the rate of reaction? • What is a catalyst? • Identifying control variable for how temperature affects the rate of reaction • Identifying metals, from data about reactivity • Completing a table of results from data given • Plotting results onto a graph and drawing line of best fit • Interpreting data to identify the best catalyst • RP Plan an investigation of the effect of temperature on the rate of a reaction include variables • Reading from a thermometer and syringe • Calculating temperature change • Calculating mass of substance <p>Higher:</p> <ul style="list-style-type: none"> • How surface area affects the rate of reaction: interpret data from graphs and results tables • How the size of the marble chips affects the rate of the reaction, using the collision theory • Why regardless of the size of chip used the same amount of gas is produced • How did concentration of acid affect the rate of the reaction • How does a reaction reach equilibrium? • The effect on the position of equilibrium when pressure and temperature is increased • Difference between an endothermic and exothermic reaction and draw reaction profiles for each.



		<ul style="list-style-type: none">• RP The effect of temperature on the rate of reaction to include a plan, variables• Calculating the mean rate of reaction from a graph• Calculating Surface area• Calculate the energy changes for the combustion of substances
Chemistry Assessment 2 Test date: 22 April - 26 April Test duration 30 mins	Chemical changes	<p>Foundation:</p> <ul style="list-style-type: none">• What are ions?• Identify the salts produced when a specific metal oxide and acid are reacted• pH scale?• How to speed up chemical reactions?• Comparing the Reactivity of different metals• Predicting the reactivity of different metals• Explain the difference between evaporation and filtration?• Explain what electrolysis is and the equipment used and its purpose?• Explain the difference between a negative and a positive electrode?• Calculate the gradient of a graph• Understand what a base is and give examples?• Use a graph to calculate the increase in time and mass of a substance?• Calculating the concentration of a substance in compound <p>Higher:</p> <ul style="list-style-type: none">• Explain how sodium Sulphate crystals can be obtained from Sodium Sulphate solution?• Ion concentration?• Products of reactions?• How to speed up chemical reactions?• Explain the difference between reduction and oxidation• What is electrolysis?• How is electrolysis used to split compounds?• Determining the mass of the negative electrode at the start of the experiment from a graph?• Understand what a base is and give examples?• Calculating mass of substance produced?• Half equations• Calculating Yield• Explain why the actual yield is lower than the expected yield?• Calculating Gradient



<p>Chemistry Assessment 3 Test date: 11 May – 18 May Test duration 30 mins</p>	<p>Atoms and the periodic table/bonding</p>	<p>Foundation</p> <ul style="list-style-type: none">• Structure of an atom and charge on particles• Calculating the number of protons, neutrons and electrons in an element.• Electronic Structure of atoms• What are isotope's• Draw dot and cross diagrams• Limitations of ball and stick diagrams• Alpha scattering experiment• Periodic table• Mendeleev periodic table• Group seven atoms are known as the halogens• Order of reactivity as you move down the group 7 elements• Explain why elements are less reactive as you move down the group 7, in terms of size and position• Group 0• Number of bonds in giant covalent structures• Link between intermolecular forces and melting and boiling points• Substances that form giant covalent bonds• Physical properties of metals and diamond• Describe how sodium chloride will conduct electricity• What are state symbols• Balancing chemical equation• Molecular formular• Interpreting data from a pie chart to identify percentage mass of substance• Calculate the mass of solid after heating from data provided <p>Higher:</p> <ul style="list-style-type: none">• Complete cross and dot diagrams• Calculating protons, neutrons and electrons• Molecular formular• Limitations of ball and stick diagrams• Substances that form giant covalent bonds• Compare early periodic table and Mendeleev's• Explain how elements such as Caesium and Oxygen, react to form Caesium Oxide. Relate to electrons• Difference in reactivity in group 1 elements
--	---	---

		<ul style="list-style-type: none"> • Halogens and boiling points as you move down the group • Alpha Scattering experiment • Link between intermolecular forces and melting and boiling points • Number of bonds in giant covalent structures • Balancing equations • Calculating mass needed to react with a given mass of another substance
--	--	--

Physics Assessments

<p>Physics Assessment 1 Test date: 23 April - 27 April Test duration 30 mins</p>	<p>Forces</p>	<p>Foundation:</p> <ul style="list-style-type: none"> • Energy transfer in an elastic band • Calculating work done • Relationship between large and small objects and the resultant force • Resistive force on moving objects • Change in velocity when objects move • Distance time graphs • Calculating speed • Rearranging the speed equation • Equation for extension of a spring • Calculating force applied • Interpreting data from graph related to force applied and extension • Interpreting distance time graphs • Interpreting velocity time graphs • Calculating percentages to determine a conclusion. <p>Higher:</p> <ul style="list-style-type: none"> • Change in velocity when objects move • Effects of resistive forces as objects move • Resultant forces and their effects on moving objects • Describe the difference between a vector and a scalar • Examples of vectors and Scalars • Vector diagrams • Factors that affect momentum • Conservation of momentum • Momentum equation • Calculating momentum
--	---------------	---



<p>Physics Assessment 2 Test date: 6 May – 7 May Test duration 30 mins</p>	<p>Atomic Structure and Particles</p>	<p>Foundation</p> <ul style="list-style-type: none">• Arrangement, movement of particles in a solid, liquid and gas• Kinetic energy of particles when the temperature increases and decreases• Density• Relationship between internal energy and states of matter• Why does an iceberg melt?• Specific latent heat of vaporisation• Best equipment to measure temperature• Calculating density• Equation for SHC• Calculating SHC• Why is the total positive charge of an atom is always the same?• Balancing equations for radioactive decay• Difference between gamma, beta, and alpha radiation• the Compare the difference between plum pudding model and the nuclear model of the atom• Calculating the radius of an atom <p>Higher:</p> <ul style="list-style-type: none">• Relationship between the motion of particles, pressure and temperature• Relationship between the motion of air particles and temperature in a gas cylinder• Effects of temperature and pressure of particles• Calculating atmospheric pressure from a graph• Calculating SHC• Why is the total positive charge of an atom is always the same?• Compare the difference between plum pudding model and the nuclear model of the atom• Balancing equations for radioactive decay• Difference between gamma, beta, and alpha radiation• Calculating the radius of an atom
<p>Physics Assessment 3 Test date: 14 May - 21 May Test duration 30 mins</p>	<p>Energy</p>	<p>Foundation:</p> <ul style="list-style-type: none">• Difference between renewable and non-renewable energy resources• Identify examples of renewable and non-renewable resources• Disadvantages of using wind turbines to generate electricity• Explain the environment impact of using renewables and non-renewables• Energy transfer in wind generating turbines• Advantages of using wind turbine and solar panels together

		<ul style="list-style-type: none"> • Difference between low and high thermal conductivity • Advantages of using low thermal conductivity • Calculating Power output • Calculating energy transfer • Calculating energy efficiency • Equation for GPE • Calculating GPE <p>Higher:</p> <ul style="list-style-type: none"> • Energy stores and transfer • Energy transfer in a wood burner • Difference between renewable and non-renewables • Generating electricity using renewable energy resources • Environmental effects of burning wood • Thermal conductivity of metal and plastic • Cavity wall insulation and how it reduces energy transfer • How energy stores are changed in a gas boiler • Interpretating data from graph relating to height and speed • Calculate power • Calculating spring constant using elastic potential energy equation
Separates GCSE Biology	Topic	Topics to revise
Biology Assessment 1 Test date: 26 April Test duration 30 mins	Cells and organisation	<p>Foundation:</p> <ul style="list-style-type: none"> • Cell structures and function • Drawing and labelling cells • Difference between plant and animal cells • Comparing electron microscopes and light • Magnification's calculations • What is diffusion • Adaptions of cells that will increase CO2 levels • Cell transport systems • Cell transport: Difference between Osmosis, diffusion and active transport • Cell structures and function • Drawing and labelling cells • Difference between plant and animal cells. Comparing electron microscopes and light • Magnification's calculations

		<ul style="list-style-type: none"> • What is diffusion • Adaptions of cells that will increase CO2 levels • Cell transport systems • Cell transport: Difference between Osmosis, diffusion, and active transport • How are ions transported into root hair cells? • Compare the difference between the different types of blood vessels! • Structure of arteries related to their function • Components of blood • Adaptations of red blood cells to carry out their function • Interpreting data related to blood components • Adaptation of lungs for efficient gaseous exchange <p>Higher:</p> <ul style="list-style-type: none"> • Difference and similarities between Prokaryotes and Eukaryotes • Magnification's calculations • Describe what Mitosis is • Calculating % from pie charts • The different stages of Mitosis • Eggs and the movement of calcium from shell to the cytoplasm • Digestion enzymes • Lock and key theory • Specificity of enzymes • Testing for Glucose and starch • Interpretating data to calculate % change in mass • Make conclusion to data • How methods can be modified
<p>Biology Assessment 2 Test date: 4 May – 5 May Test duration 30 mins</p>	<p>Infectious disease and Bioenergetics</p>	<p>Foundation</p> <ul style="list-style-type: none"> • Photosynthesis • Word equation for photosynthesis • Calculating means • Anomalous results • dealing with anomalous results • Variables • RP-Temperature and the rate of photosynthesis, drawing graphs from data, writing conclusions

		<ul style="list-style-type: none"> • Woodlice investigation and respiration) • Testing for CO₂, using this to interpret data • What are controls in investigation and what are their purpose? • Chemical formula of glucose • Word equation for anaerobic respiration • Difference between aerobic and anaerobic respiration <p>Higher:</p> <ul style="list-style-type: none"> • Label parts of the digestive system • Stomach ulcers and their causes • Helicobacter pylori Cancer of the stomach and liver cancer • Testing for protein • Coeliac disease and symptoms • Chemical and physical defences in plants • Mineral deficiency of plants with yellow leaves and stunted growth • Word equation for photosynthesis • Factors that affect the rate of photosynthesis graphs • RP: pond weed and the rate of photosynthesis • Variables • Improving the method • Calculating means • Drawing graphs • Calculating rate of photosynthesis
<p>Biology Assessment 3 Test date: 13 May – 14 May Test duration 30 mins</p>	<p>Ecology</p>	<p>Foundation</p> <ul style="list-style-type: none"> • Weed killers and selectivity • Explain why humans cut down trees • Explain the effect of deforestation on CO₂ levels • Effects of CO₂ on global temperatures. Effects of deforestation on biodiversity RP Interpret data for the number of plants in a field • Calculating mean • Calculate % decrease • How to improve results • RP Milk and decay: Interpreting results, how to measure pH, variables • Interpretating data from graphs about milk and decay



		<ul style="list-style-type: none">• How does temperature affect the decay of milk? Types of organism that are decomposers• What is Decay? <p>Higher:</p> <ul style="list-style-type: none">• Types of organism that are decomposers• What is Decay?• RP Milk and decay: Interpreting results, how to measure pH, variables• Interpretating data from graphs about milk and decay• How does temperature affect the decay of milk? Measuring variation in organisms: Why is it important to collect a large sample of data, that is from different locations• Interpreting data to show patterns in variation of species• Draw Pyramid of biomass• Calculate the % of biomass lost between different trophic levels• Identify how biomass is lost• Explain the process of Eutrophication
--	--	---

Separates Chemistry Assessments

Chemistry Assessment 1 Test date: 23 April Test duration 30 mins	Rates and extent of reaction/ energy changes	<p>Foundation</p> <ul style="list-style-type: none">• Word equations reversible reactions• The symbol to show that the reaction is reversible• Products and physical changes seen with a reversible reaction• Calculating mass of product produced in reactions• Calculate the % mass of a substance• Changing the SA of a reactant and how this affects the rate of a rection• Measuring equipment• Calculate the mean rate of the reaction• Explain the conclusion• Calculate the SA• What is an endothermic reaction?• Plot data onto a graph and draw a line of best fit• Interpret data• Calculate the temperature change• Variables• Predict voltage and reason• What are non-rechargeable cells and why do they stop producing electricity• What is the best use of non-rechargeable batteries?• Advantages and disadvantages of hydrogen fuel cells
--	---	--

		<ul style="list-style-type: none"> • What is electrolysis • Variables • Purpose of the electrodes <p>Higher:</p> <ul style="list-style-type: none"> • How to measure the rate of reaction and measuring equipment • Drawing graphs • Writing conclusion for the effect of rate of reaction • Variables • Investigating energy changes • Improving accuracy • Control variables • Calculating means • Lines of best fit • Interpreting data from graphs • Reasons for anomalous results • Calculating Moles • Calculating Yield • How pressure affects the yield • How catalyst affect the rate of a reaction • Catalysts and equilibrium
<p>Chemistry Assessment 2 Test date: 4 May - 7 May Test duration 30 mins</p>	<p>Chemical changes</p>	<p>Foundation:</p> <ul style="list-style-type: none"> • What is electrolysis • Difference between the positive and negative electrodes • Hypothesis related to ions attracted to the electrodes • Why is graphite used as an electrode? • Moving ions to the electrode • What is a cryolite and why is it added to aluminium oxide for extracting aluminium using electrolysis • Interpreting results from tables for electrolysis • Conclusion to describe the results of separating aluminium from aluminium oxide • Reactivity of metals and interpreting results from tables • Identify anomalous results • Reasons for anomalous results • Comparing results for different metals • Interpreting results from graphs for titration



- Advantage of using a pipette rather than a measuring cylinder
- Describe a method to make a pure substance from dry crystals of Magnesium sulphate, from a metal oxide and acid
- Soluble salts formed when adding an acid to metal oxides
- Formulas Calculate the mass of aluminium that can be extracted from bauxite
- Standard form
- Calculate temperature change
- Calculate volume of solution required to neutralise an acid
- Calculate the % uncertainty of volume measured using a pipette Colour of universal indicator at different pHs

Higher:

- Soluble salts formed when adding an acid to metal oxides
- Formulas Describe a method to make a pure substance from dry crystals of Magnesium sulphate, from a metal oxide and acid
- Explain results expected for a titration reaction, reference to acid, alkali and indicator
- Difference in use of a pipette compared to a burette
- Describe a method to make a pure substance from dry crystals of Magnesium sulphate, from a metal oxide and acid
- What is electrolysis
- Difference between the positive and negative electrodes
- Hypothesis related to ions attracted to the electrodes
- Why is graphite used as an electrode?
- Moving ions to the electrode
- What is a cryolite and why is it added to aluminium oxide for extracting aluminium using electrolysis
- Half equations
- Why cannot sodium chloride be used as an electrolyte
- Calculate the mass of oxygen that can be extracted from Aluminium oxide.
- Standard form
- Calculate the volume of gas produced
- Calculate concentration
- What is the difference between acids and alkalis?
- Colour of universal indicator at different pHs



<p>Chemistry Assessment 3 Test date: 13 May – 17 May Test duration 30 mins</p>	<p>Atoms and the periodic table/bonding</p>	<p>Foundation</p> <ul style="list-style-type: none">• Structure of the atom• Charge and mass of particles in an atom• Interpreting data from table: States of matter of group 7, change of state• Reaction between iron and chlorine and safety• Conservation of mass• Reaction of the halogens and displacement reactions• Balancing equations for reactions in group 7• Chromatography• Crystallisation• Distillation• Fractional distillation• Pure metals and alloys: calculate the % of metals in impure substance.• Properties of alloys• Carbon Nanoparticles and conduction• Calculate the S/A of a nanoparticle: answer in SF• Cost efficiency of using nanoparticles in sun creams• What are Intermolecular forces and examples• Compare the structure and bonding of Silicon dioxide, Magnesium Oxide and Carbon dioxide <p>Higher</p> <ul style="list-style-type: none">• Particles in an atom, mass, and charge• Define mass number• Complete dot and cross diagrams• Laws of conservation of mass• Separating a insoluble solid from a mixture• What are impurities and how are they removed• What are isotopes?• Calculating percentage atom economy• Using reactions with high atom economy in industry• Describe the alpha scattering experiment, explain how this led to changes to the model of the atom from the plum pudding model• Explain in terms of structure why oxygen is a gas at room temperature• Why are Buckminsterfullerene's good lubricants?• Calculate the SA to VR of nanocrystals• Why are nanoparticles cheaper than coarse particles?
--	---	---



<p>Physics Assessment 1 Test date: 22 April – 27 April Test duration 30 mins</p>	<p>Forces</p>	<p>Foundation: Newtons 3rd law</p> <ul style="list-style-type: none">• RP: Hookes Law Interpreting data from a graph to identify spring constant explain answer• Interpreting diagrams to make a conclusion• Distance time graphs: calculate the speed from the graph• RP: Plotting results onto a graph from data for acceleration• Acceleration RP: Describe the relationship between resultant force and acceleration• Calculate speed of wave• Calculate weight, using equation $w=mg$• Equation $F=Ma$• Calculate acceleration: $A = F/M$• Equation for acceleration: Acceleration = change in velocity• Calculate work done equation: work done = force x distance moved• Calculate Moment: moment = force x distance Time taken• Manipulate the Acceleration equation to calculate time• Manipulate the moment equation to calculate distance: distance = moment/force• Levers used to make objects move• Clockwise and anticlockwise moments• Effect of forces acting on a lifebuoy when it is floating• Difference between velocity and speed in terms of Vector and Scalars• Engine and forces and their effects on motion <p>Higher:</p> <ul style="list-style-type: none">• RP: Plotting results onto a graph from data for acceleration• Acceleration RP: Describe the relationship between resultant force and acceleration• Drawing free body diagrams• Newtons 3rd law• Calculate mass using equation• Calculate velocity• Draw vector diagrams.• Calculate the resultant force and direction of the force• Define the term Momentum is conserved• How does safety equipment reduce injury when objects collide?• Use of padding to reduce breakage• What is inertia?• Describe the motion of an object from data in a graph
--	---------------	---



		<ul style="list-style-type: none">• Calculate the speed of the object from the graph. Calculate change in momentum
Physics Assessment 2 Test date: 6 May Test duration 30 mins	Atomic Structure and Particles	<p>Foundation:</p> <ul style="list-style-type: none">• Change of state and arrangement of particles• Interpreting heating curves• RP: Investigating insulating properties of newspaper- Describe a method for the investigation• Difference in accuracy using a datalogger and thermometer• What is density• Describe a method used to calculate the density of a regular shape• How is volume calculated• SHC• Calculating density• Background radiation• Risk of exposure to nuclear radiation Interpret data from a table to make links between levels of radiation exposure and risk• Process of Nuclear Fission• Nuclear decay equations• Risks of exposure to radiation• Calculating half-life from graphs• Calculating count rate• Calculate the activity of a radioactive substance <p>Higher:</p> <ul style="list-style-type: none">• What does the internal energy relate to particle model?• Compare accuracy of ruler compared to a micrometre to measure width• Correcting a zero error from a balance• Calculate density- are you able to manipulate the equation to calculate mass.• Pressure calculations• Calculating half-life from graphs• Interpret data from a table to make links between levels of radiation exposure and risk• Explain the Process of Nuclear Fission in a nuclear reactor• Nuclear decay equations• Risks of exposure to radiation• Nuclear Fuels• Explain the process of nuclear Fusion.• Radioactive waste and advantages of a short Half-life



		<ul style="list-style-type: none">• Background radiation• Risk of exposure to nuclear radiation
Physics Assessment 3 Test date: 13 May -14 May Test duration 30 mins	Energy	<p>Higher:</p> <ul style="list-style-type: none">• Describe the difference between renewable and non-renewable resources• Identify examples of renewable and non-renewable resources• Explain some environmental issues related to producing electricity using coal. Compare the use of insulation in terms of energy loss• Interpret Pie charts, to identify how electricity is produced• Calculate % energy produced from pie chart• Compare data from a table to compare power output from a diesel car and an electric car• Use data to identify advantages of using diesel car compared to an electric car• Use data related to diesel and electric cars to explain how to increase the amount of energy stored in the battery. Energy Efficiency• Power equation• Power calculations• Manipulate the power equation to calculate time taken• KE equation• Calculate KE• GPE equation• Manipulate the GPE equation to calculation the change in vertical height• Power equation• Power calculations• Calculate work done• Calculate % increase in speed when the power output changes• Calculating SHC

GCSE SPANISH

GCSE: Spanish		Sub-Topics to Revise
Assessment 1 Writing Test Duration: 1 hour Test Day: Weds 24 March	Theme 1 (Identity and Culture), Theme 3 (School)	Music, Cinema, TV, Food and Eating out, Sport; School and subjects- life at school and college
Assessment 2 Reading Test Duration: 1 hour Test Date: Weds 21 April	Theme 1 -5	Vocabulary lists provided for Foundation & Higher
Assessment 3 Writing Test Duration: 1 hour Test Date: Fri 7 May	Theme 1 (Identity and Culture), Theme 2 (Holidays and Local Area)	Relationships with family and friends, marriage and partnership; Holidays and Travel
Assessment 4 Listening	Theme 1 (Identity and Culture), Theme 2 (Holidays and Local Area), Theme 4 (Future aspirations, study and work)	Relationships with family and friends, marriage and partnership; Holidays and Travel; Education post-16, jobs, career choices and ambitions

11A1X – GA

GCSE: English Language	Topic	Sub-Topics to Revise
Assessment 1 Test Date Window: 19 April - 30 April Test Duration: 1 hour 45 mins	Language Paper 1	Section A: question 3 structure Section B: top tips for effective narrative and descriptive writing – focus on ambitious vocabulary
Assessment 2 Test Date Window: 3 May – 14 May Test Duration: 1 hour 45 mins	Language Paper 2	Section A: question 2 and question 4 to be revisited Section B: developing their own viewpoint and sustaining

GCSE: English Literature	Topic	Sub-Topics to Revise
Assessment 1 Test Date Window: 17 May - 21 May Test Duration: 1 hour	Macbeth or A Christmas Carol	Macbeth: focus on language analysis A Christmas Carol: focus on context and how to incorporate effectively into exam responses
Assessment 2 Test Date Window: 24 May – 28 May Test Duration: 1 hour	An Inspector Calls or Unseen Poetry	An Inspector Calls: focus on subject terminology Unseen Poetry: timing and how to improve the comparative response

GCSE: English Language	Topic	Sub-Topics to Revise
Assessment 1 Test Date Window: 19 April – 30 April Test Duration: 1 hour 45 mins	Language Paper 1	Section A: question 3 structure and 4 on making an evaluative judgement. Section B: top tips for effective narrative and descriptive writing – focus on ambitious vocabulary and structure.
Assessment 2 Test Date Window: 3 rd to 14 th May Test Duration: 1 hour 45 mins	Language Paper 2	Section A: question 2 and question 4 to be revisited. Section B: developing their own viewpoint and sustaining this throughout using a range of vocabulary suitable to the task.

GCSE: English Literature	Topic	Sub-Topics to Revise
Assessment 1 Test Date Window: 17 May – 21 May Test Duration: 1 hour	Macbeth or A Christmas Carol	Macbeth: focus on language analysis and contextual links. A Christmas Carol: focus on making links to other parts of the novella and commenting on deeper meaning.
Assessment 2 Test Date Window: 24 May – 28 May Test Duration: 1 hour	An Inspector Calls or Unseen Poetry	An Inspector Calls: focus characterisation and social/historical content. Unseen Poetry: timing and how to improve the comparative response.

GCSE: English Literature	Topic	Sub-Topics to Revise
<p>Assessment 1 Test Date Window: 19 April - 23 April Test Duration: 1 hour</p>	<p>LP2 section A</p>	<p>Focus lesson 1: Q1 and 2 Focus lesson 2: Q3 Focus lesson 3&4: Q4 and WAGOLL Assessment Lesson 5</p>
<p>Assessment 2 Test Date Window: 26 April to 30 April Test Duration: 1 hour</p>	<p>LP1 section A</p>	<p>Focus lesson 1: Q1 and 2 Focus lesson 2: Q3 Focus lesson 3: Q4 Assessment Lesson 4</p>
<p>Assessment 3 Test Date Window: 4 May to 7 May Test Duration: 1 hour</p>	<p>Unseen Poetry</p>	<p>Focus lesson 1: MITSL analysis Focus lesson 2: PEAR paragraphs & language analysis for 24 mark Q Focus lesson 3: SPEAR comparisons for 8 mark Q Assessment Lesson 4</p>

GCSE: English Language	Topic	Sub-Topics to Revise
<p>Assessment 1 Test Date Window: 10 May - 21 May Test Duration: 1 hour 45 mins</p>	<p>Language Paper 1</p>	<p>Section A: question by question recap and 'I do, we do, you do' practise. Section B: focus on appropriate paragraphing and varied punctuation.</p>
<p>Assessment 2 Test Date Window: 24 May - 28 May Test Duration: 1 hour</p>	<p>Language Paper 2</p>	<p>Focus lesson 1: letters – structure and tone Focus lesson 2: articles – structure and credibility Focus lesson 3: speeches – persuasive techniques Focus lesson 4: leaflets – structure and AFORESTRY recap Assessment Lesson 5</p>

GCSE: English Literature	Topic	Sub-Topics to Revise
Assessment 1 Test Date Window: 19 April - 23 April Test Duration: 1 hour	Macbeth	Focus lesson 1: Context Focus lesson 2: Themes and related quotations Focus lesson 3&4: Language analysis Assessment Lesson 5
Assessment 2 Test Date Window: 26 April – 30 April Test Duration: 1 hour	AIC	Focus lesson 1: Context Focus lesson 2: Themes and related quotations Focus lesson 3: Language analysis Assessment Lesson 4
Assessment 3 Test Date Window: 4 May - 7 May Test Duration: 1 hour	Unseen Poetry	Focus lesson 1: MITSL analysis Focus lesson 2: PEAR paragraphs & language analysis for 24 mark Q Focus lesson 3: SPEAR comparisons for 8 mark Q Assessment Lesson 4

GCSE: English Language	Topic	Sub-Topics to Revise
Assessment 1 Test Date Window: 10 May - 21 May Test Duration: 1 hour 45 mins	Language Paper 1	Section A: question by question recap and 'I do, we do, you do' practise. Section B: focus on appropriate paragraphing and varied punctuation.
Assessment 2 Test Date Window: 24 May - 28 May Test Duration: 1 hour 45 mins	Language Paper 2	Focus lesson 1: letters – structure and tone Focus lesson 2: articles – structure and credibility Focus lesson 3: speeches – persuasive techniques Focus lesson 4: leaflets – structure and AFORESTRY recap Assessment Lesson 5

11B1X – LN

GCSE: English Language	Topic	Sub-Topics to Revise
Assessment 1 Test Date Window: 19 April - 21 April Test Duration: 50 mins	Unseen Poetry	Section A: Imagery, structure, language Section B: Comparisons between 2 unseen poems
Assessment 2 Test Date Window: 23 April - 4 May Test Duration: 1 hour 45 mins Test Date Window: 21 May – 28 May	Language Paper 2 Language Paper 1	Section A: question 2 and question 4 to be revisited Section B: developing their own viewpoint and sustaining Section A: Question 3 Section B: using descriptive writing structure

GCSE: English Literature	Topic	Sub-Topics to Revise
Assessment 1 Test Date Window: 5 May - 14 May Test Duration: 1 hour	Macbeth or A Christmas Carol	Macbeth: focus on writer's craft A Christmas Carol: focus on writer's craft and context
Assessment 2 Test Date Window: 17 May - 21 May Test Duration: 1 hour	An Inspector Calls or Unseen Poetry	An Inspector Calls: focus on subject terminology Unseen Poetry: timing and how to improve the comparative response

11B1Y - WB

GCSE: English Language	Topic	Sub-Topics to Revise
Assessment 1 Test Date Window: 19 April - 30 April Test Duration: 1 hour 45 mins	Language Paper 2 (Section A+B)	Section A: question 2 and question 4 to be revisited (+ time pressure work) Section B: Adding structural devices (I have a dream)
Assessment 2 Test Date Window: 3 May - 14 May Test Duration: 1 hour 45 mins	Language Paper 1 (Either A or B)	A = Time pressure and Question 4 B = Approaches to narrative / approaches to descriptive.

GCSE: English Literature	Topic	Sub-Topics to Revise
Assessment 1 Test Date Window: 17 May - 21 May Test Duration: 1 hour	Macbeth	Macbeth: Embedding AO3 context. Exploration of end of play.
Assessment 2 Test Date Window: 24 May – 28 May Test Duration: 1 hour	A Christmas Carol	A Christmas Carol: Embedding AO3 context. Exploration of pivotal extracts where students can demonstrate clear understanding of AO2.

GCSE: English Language	Topic	Sub-Topics to Revise
Assessment 1 Test Date Window: 19 April - 30 April Test Duration: 1 hour 45 mins	Language Paper 1	Section A: question 4 on making an evaluative judgement. Section B: top tips for effective narrative and descriptive writing – focus on ambitious vocabulary and using a range of punctuation.
Assessment 2 Test Date Window: 3 May - 14 May Test Duration: 1 hour 45 mins	Language Paper 2	Section A: question 2 and question 4 to be revisited. Section B: developing their own viewpoint and expressing this clearly.

GCSE: English Literature	Topic	Sub-Topics to Revise
Assessment 1 Test Date Window: 17 May - 21 May Test Duration: 1 hour	Macbeth or A Christmas Carol	Macbeth: focus on language analysis. A Christmas Carol: focus on making links to other parts of the novella.
Assessment 2 Test Date Window: 24 May - 28 May Test Duration: 1 hour	An Inspector Calls or Unseen Poetry	An Inspector Calls: focus on understanding of the social and historical context. Unseen Poetry: timing and how to improve the comparative response.

GCSE: English Language	Topic	Sub-Topics to Revise
Assessment 1 Test Date Window: 30 April - 7 May Test Duration: 1 hour 45 mins	Language Paper 1 SECTION A SECTION B	Section A- Question 4 focus Section B- structuring and sustaining original writing
Assessment 2 Test Date Window: 17 May – 24 May Test Duration: 1 hour 45 mins	Language Paper 2 SECTION A and SECTION B	Section A- comparative questions Section B- how to maintain writing for specific purpose using reviewed language devices

GCSE: English Literature	Topic	Sub-Topics to Revise
Assessment 1 Test Date Window: 19 April – 30 April Test Duration: 1 hour	An Inspector Calls	AO1: Academic writing including terminology AO2: Consideration of writer’s craft and reviewing how to explore methods Quote retrieval Plot review
Assessment 2 Test Date Window: 10 May – 17 May Test Duration: 1 hour	Macbeth	Making links between extract and whole play Terminology and the tradition of tragedy

GCSE PE

GCSE PE	Topic	Sub-Topics to Revise
<p>Assessment 1 Test Day: Thursday 1 April Marks: 25 Test duration - 30mins</p>	<p>Paper 2- Sport Psychology</p>	<p>Skill and ability, Goals and targets, Information processing, guidance and feedback, arousal, aggression, motivation, personality</p>
<p>Assessment 2 Test Day: Thursday 29 April Marks: 45 Test duration - 50 mins</p>	<p>Paper 2- AQA Exam board materials</p>	<p>Social groups and factors affecting participation, commercialisation, ethical conduct, physical, emotional and social wellbeing, sedentary lifestyle, somatotypes, energy use, balanced diet, water balance</p>
<p>Assessment 3 Test Day: WB: 17 May Marks: 45 Test duration - 50mins</p>	<p>Paper 1 - AQA Exam board materials</p>	<p>Topics selected from: Applied anatomy and physiology/Movement analysis OR physical training</p>
<p>Assessment 5 Proposed Moderation Day: Monday 10 May Duration: Ongoing</p>	<p>Practical</p>	<p>Basketball, Netball, Handball</p>
<p>After School Practical</p>	<p>Practical</p>	<p>Badminton, Table tennis</p>

BTEC SPORT

BTEC SPORT LEVEL 2-Unit 1	Topic	Subtopics to revise
Assessment 1 Test Date Window: 22 March- 1 April Test Duration: 1 Hour	LO1- Know about the components of fitness and the principles of training. 8 Mark question to be completed	Components of physical and skill related fitness, why components of fitness are important for successful participation, exercise intensity, principles of training and additional principles of training.
Assessment 2 Test Date Window: 19 April - 30 April Test Duration: 1 Hour	LO2- Explore different training methods. 8 Mark question to be completed	Requirements of the different types of fitness training.
Assessment 3 Test Date Window: 3 May - 17 May Test Duration 1 Hour	LO3- Investigate fitness testing to determine fitness levels. 8 Mark question to be completed.	Fitness test methods for components of fitness, importance of fitness testing to sports performers and coaches, requirements for administration of fitness tests, interpretation of test results

BTEC SPORT LEVEL 2-Unit 3	Topic	Subtopics to revise
Assessment 1 Test Date Window: 27 April Test Duration: 1 Hour	<u>Learning aim B</u> - Know about the musculoskeletal system and cardiorespiratory system and the effects on the body during fitness training	Musculoskeletal system, Cardio- respiratory system
Assessment 2 Test Date Window: 10 May Test Duration: 1 Hour	<u>Learning aim C</u> - Implement a self-designed personal fitness training programme to achieve own goals and objectives	Safely implement a personal fitness training programme, Training diary, measures for success
Assessment 3 Test Date Window: May Test Duration: 1 Hour	<u>Learning aim D</u> - Review a personal fitness training programme	Reviewing your training programme

GCSE DT

GCSE Design Technician	Topic	Subtopics to revise
Assessment1 Test date window 26 April – 30 April Test duration 40mins	Specialist Technical Principles	Different types of forces, soldering process (electronics), sublimation printing process, wood turning process, laser cutting, quality control, timbers - origins and associated cesses
Assessment2 Test date window 3 May - 7 May Test duration 40mins	Specialist Technical Principles	Commercial manufacturing processes, the manufacturing of card; it is stock form and suitable finishing processes, maths questions on area & percentages, pollution from manufacturing; its social and environmental impact.
Assessment3 Test date window 7 May -14 May	Designing & Making Principles	Anthropometrics, ergonomics, dimensions and tolerances, percentages, collaboration in design, health & safety when using machinery
Coursework Controlled assessment completion date June 15	NEA	

GCSE Food & Nutrition	Topic	Subtopics to revise
Assessment1 Test date window 26 April – 30 April Test duration 40mins	Culinary skills & terms	Properties of ingredients, principles of nutrition, diet & good health
Assessment2 Test date window 3 May - 7 May Test duration 40mins	Culinary skills & terms	Properties of ingredients, principles of nutrition, diet & good health
Assessment3 Test date window 7 May - 14 May	Food commodities, nutrition	Rights of choice, properties of ingredients, the science of food, where food comes from, cooking & food preparation
Coursework Controlled assessment completion date June 15 th		

MATHS

	Year 11 Maths	Year 11 L3 Algebra	Year 11 Statistics
Week 3 19 – 23 April (wk2)	Friday 23 April 45mins paper 40 marks Calculator	Thursday 22 April L3 Algebra – 40 mins, 30 marks	Thursday 22 April Statistics – 45 minutes
Week 4 26 – 30 April (wk1)			Thursday 29 April Collecting data topic test 45 minutes
Week 5 3 – 7 May (wk2)	Tuesday 4 May Geometry Topic Test 45 minutes Friday 7 May 45mins paper 40 marks Non Calculator	Tuesday 4 May L3 Algebra – 40 mins, 30 marks Thursday 6 May L3 Algebra – 40 mins, 30 marks	Tuesday 4 May Statistics – 45 minutes Thursday 6 May Statistics – 45 minutes
Week 6 10 – 14 May (wk1)	Friday 14 May Algebra Topic Test 45 minutes	Friday 14 May L3 Algebra – 40 mins, 30 marks	Thursday 13 May Processing, representing and analysing data topic test 45 minutes Friday 14 May Statistics – 45 minutes
Week 7 17 – 21 May (wk2)	Friday 21 May 45mins paper 40 marks Calculator Part 1	Thursday 20 May L3 Algebra – 40 mins, 30 marks	Thursday 20 May Statistics – 45 minutes
Week 8 24 – 28 May (wk1)	Monday 24 May 45 Minutes 40 marks Calculator Part 2 Friday 28 May Probability and Statistics Topic Test 45 minutes	Friday 28 May L3 Algebra – 40 mins, 30 marks	Friday 28 May Statistics Topic Test Probability 45 minutes
May Half Term	May Half Term	May Half Term	May Half Term
Week 9 7 – 11 June (wk2)			

COMPUTER SCIENCE

GCSE Computer Science	Topic	Topics to Revise
Exam: Paper 1 - P1 - questions 1 to 4 Test Date Deadline - 25.3.21	Programming	Algorithm Design, Selection and Iteration
Exam: Paper 1 - P2 - questions 5,7,8 Test Date Deadline - 1.4.21	Logic & Networks	Logic Gates, Boolean representation, Advantages and disadvantages of networks, Network Topologies
Exam: Paper 1 - P3 - questions 6,9,10 Test Date Deadline – 30.4.21	Trace Tables	Data Structures, Selection, Iteration (including while loops and for loops), Pseudo-Code
Exam: Paper 2 - P1 - Questions 1 to 7 Test Date Deadline - 7.5.21	Logic Gates, Cyber Security, Binary, Units of Measurements.	Cyber security, Data Representation via an Image, Units of measurement.
Exam: Paper 2 - P2 - Questions 8 to 12 Test Date Deadline – 14.5.21	LME and Hardware	CPU, Fetch-Decode-Execute, Secondary Storage, Legal, Moral and Ethical Issues.
Exam: Paper 2 - P3 - Questions 13 to 15 Test Date Deadline – 21.5.21	Operating Systems, Protocols, Social Engineering, Compression	Operating Systems, TCP/IP Models, 3 different Social Engineering, Huffman Trees,

GCSE GEOGRAPHY

Assessment	Topic	Subtopic for revision
Week commencing 29 March Assessment 1 Duration 20 minutes 15 marks November 2020 Paper	River Landscapes in the UK	Processes River features Management strategies Flooding
Week commencing 26 April Assessment 2 Duration 40 minutes 30 marks November 2020 Paper	Changing Economic World	Measuring development Uneven development Reducing the development gap Nigeria - NEE
Week commencing 17 May Assessment 3 Duration 45 minutes 33 marks November 2020	Urban Issues and Challenges	The urban world Challenges in Mumbai Opportunities in Mumbai Urban change in the UK

GCSE AQA BUSINESS – 11-1-BS & 11-3-BS

Date	Assessment	Total Marks	Notes
Week commencing 29 March	End of Unit Test Business Operations (Unit 3 Production)	44	Made up by previous past papers by me
Week commencing 26 April	End of Unit Test Marketing (Unit 5)	30	Assessment materials provided by AQA
Week commencing 7 May	End of Unit Test Finance (Unit 6)	22	Assessment materials provided by AQA
Week commencing 17 May	End of Unit Test Influences of Business (Unit 2)	29	Assessment materials provided by AQA

BTEC ENTERPRISE 11-2-BT

Date	Assessment	Total Marks	Notes
12 March	Component 2 – Learning Aim A		Work is being moderated 19/4 and sent to SV after this.
1 April	Component 2 – Learning Aim B		Work still needs to be completed by the group.
Week commencing 26 April	Component 3 – Marketing End of Unit Test	13	Marketing is always a small section of the full paper. Questions taken from past papers.
Week commencing 7 May	Component 3 – Finance End of Unit Test – Part 1	24	Questions taken from past papers.
Week commencing 17 May	Component 3 – Finance End of Unit Test – Part 2	23	Questions taken from past papers.
Extra	Component 3 – Full Paper	60	If there is time the class might sit another full paper. February 2021.

GCSE HISTORY

Assessment	Topic	Subtopic for revision
Week commencing 19 April Assessment 1 Essay question based on surgery using a source. (8 marks)	Medicine and the people	A revolution in surgery: anaesthetics, including Simpson and chloroform; antiseptics, including Lister and carbolic acid; surgical procedures; aseptic surgery.
Week commencing 26 April Assessment 2 Medicine (8 marks)	Medicine and the people	The challenge to medical authority in anatomy, physiology and surgery; the work of Vesalius, Paré, William Harvey; opposition to change.
Week commencing 3 May Assessment 3 Medicine (20 marks)	Medicine and the people	The development of Germ Theory and its impact on the treatment of disease in Britain: the importance of Pasteur, Robert Koch and microbe hunting; Pasteur and vaccination; Paul Ehrlich and magic bullets; everyday medical treatments and remedies.
Week commencing 10 May Assessment 4 Nazi Germany (16 marks)	Democracy and Dictatorship	Social policy and practice: reasons for policies, practices and their impact on women, young people and youth groups; education; control of churches and religion; Aryan ideas, racial policy and persecution; the Final Solution.
Week commencing 17 May Assessment 5 German Government Nazi Germany (24 marks)	Democracy and Dictatorship	The establishment of Hitler's dictatorship: the Reichstag Fire; the Enabling Act; elimination of political opposition; trade unions; Rohm and the Night of the Long Knives; Hitler becomes Führer