

Year 9 Curriculum MTP - Spring Term 2.2

Subject	What will be covered this Term? Students will learn to:	How will my child be assessed this half term?	Resources
Arabic	Identity and culture/Daily life/Cultural life My Role Model • Talk about role models • Use the past tense Grammar:/My Interests • Negation in Arabic • Past tense • Revise hobbies & interests • Use verbs • Use adverbs of frequency Grammar/My Sports • Adverbs of frequency • Talk about sport • Use the present perfect in Arabic	• AFL (Assessment for learning) Testing • previous knowledge • End of term assessment.	• Textbook title: The New GCSE Arabic Companion • Interlingo: https://www.interlingo.co.uk • https://www.youtube.com/playlist?list=PL7RpCYE5gLKF3Wus9QmIXHuy4p81IpaVA • Duolingo https://www.duolingo.com/

Art	Topic: Tone & Landscape - Claude Monet (continued) • Shade from dark to light using a pencil • Create different textures/different shades • Understand how to create a landscape • Create a landscape that depicts night time • Use appropriate colours to paint a nocturnal landscape • Create an Artist research page on an artist who focuses on landscapes • Make trees using collage materials • Make different types of trees with a variety of materials • Create different textures on a tree with collage materials • Create a draft plan of an imaginative Landscape • Draw out 3 imaginative landscapes and write a description about them • Make a final plan and write a detailed description about how to create landscape • Add information about what materials and skills will be used to create the final piece • Analyse own work and others work constructively by highlighting strengths and areas of development	• Starter and end of lesson quiz • Classwork and homework	• Landscape plotting before painting: https://www.youtube.com/watch?v=3NpnQFI5-0c • A Spring Day Landscape: https://www.youtube.com/watch?v=nq-6u5E4Nwo • Acrylic painting techniques: https://www.youtube.com/watch?v=cDzc0yeaRKI • Drawing at a Distance: https://www.youtube.com/watch?v=57vPrGjccH4
Citizenship	Topic: Living together in the UK (2) • Understand the meaning of community and how you can belong to more than one • Explore the diverse communities in the UK and the changes that are taking place • Understand the religious diversity of the UK and the importance of religious tolerance • Understand the social and economic effects of immigration and the benefits and the challenges of it • Understand what identity is and the factors that affect it • Understand why respect is vital in a diverse society • Understand and explore what discrimination is and consider its effects on society • Understand the laws that protect us from discrimination • Discover how schools and communities can be inclusive and promote community cohesion • Explore Human Rights and how they affect us/Understand how the law is vital in protecting our freedom	• Prior Knowledge tests before the new topic is taught • Evaluation after each lesson • End of topic tests	• Textbook title: Citizenship today • https://www.bbc.co.uk/bitesize/guides/zwypxfr/revision/1 • https://www.bbc.co.uk/bitesize/clips/zwqcd2p • https://www.bbc.co.uk/bitesize/guides/ztpvpxfr/revision/2

Computing	Topic: Binary Logic (Boolean) • learn that Boolean algebra produces a result that equals TRUE or FALSE • Learn how truth tables are used to represent Boolean expressions • Use algebraic representations of Boolean logic. • Learn how to simplify Boolean expressions • Learn how De Morgans Law allows Boolean expressions to be created using only NAND or NOR operators	• Observational assessments using ICT during the lesson • Evaluation after each lesson • End of topic tests	• Computers • Internet • https://www.bbc.co.uk/bitesize/guides/zc4bb9q/revision/2 • Binary logic gates • https://logic.ly/demo • Boolean expressions • Truth tables
English	Topic: Poetry- Love & Relationships Anthology • Write a response related to the key word in the question • Use comparative language to explore both poems • Use a range of evidence to support the response and to show the meaning of the poems • Comment on the effect of the language in your evidence, including individual words • Identify any use of poetic techniques and explain their effects • What might the poet's intentions have been when they wrote the poem? • Comment on the historical context – when was the poem published and what impact might it have had then, and today? • Know how to identify and apply poetic techniques	• Book/Text: Love and Relationships Anthology • Porphyria's Lover by Robert Browning • Farmer's Bride by Charlotte Mew • Big Write outcome: Poetry	• Poetry Anthology • Poetry PDF • Print out of poems
Geography	Topic: Earning a Living • Describe the four employment sectors in the UK; primary, secondary, tertiary & quaternary using named employment examples • Interpret and create pie charts to explain changes in employment patterns in the UK • Identify and explain factors that affect where businesses locate and what kinds of employment opportunities are available around the UK • Describe economic change in Doncaster using a variety of data presentation techniques • Explain why employment patterns change • Assess of globalisation on the UK • Describe and explain the global networks involved in the production of mobile telephones. • Assess the impact of Covid-19 on the UK and developing countries	• End of lesson quizzes • End of topic assessments	• Textbook title: Geog. 3 Pearson • Kerboodle: https://www.kerboodle.com/users/login • Ordnance Survey Maps and Atlases

History	Topic: Medicine through time c1250-present • Explore the different ideas about causes of disease from 1500-1700 • Explain what the enlightenment was • Identify changes in society during the enlightenment period • Explore social understanding of the medical renaissance • Discuss the validity and weight of the new ideas developed during the medical renaissance • Discuss how the changes during the enlightenment affected medicine • Identify the changes or lack of change brought about by the enlightenment	• Ongoing classroom assessments • End of term assessments • End of unit assessment • Peer assessment	• Edexcel History- Medicine through time c1250-present • Edexcel History revision guide • Bitesize: https://www.bbc.co.uk/programmes/articles/2LwpBTHK7f5PwhwFNYJ6GV7/medicine-through-time • https://www.bbc.co.uk/bitesize/topics/zhphvcw
Maths	Topic: Angles and Trigonometry • Derive and use the sum of angles in a triangle and in a quadrilateral • Derive and use the fact that the exterior angle of a triangle is equal to the sum of two opposite interior angles • Calculate the sum of the interior angles of a polygon • Use the interior angles of polygons to solve problems • Know the sum of exterior angles of a polygon • Use the angles of polygons to solve problems • Calculate the length of a hypotenuse in a right-angle triangle • Solve problems using Pythagoras theorem • Use trigonometric ratios to solve lengths of triangles • Solve problems using trigonometry • Use trigonometry to calculate angles • Find angles of elevation and angles of depression	• Prior Knowledge tests before the new topic is taught • Evaluation after each lesson • End of topic tests	• Textbook title: Edexcel GCSE (9-1) • https://senecalearning.com/en-GB/blog/gcse-maths-revision/ • https://mathsmadeeasy.co.uk/gcse-maths-revision/
PE	Invasion Games • Use a range of tactics and strategies to overcome opponents in direct game • Outwit opponents by planning a strategy and discovering the opposing strategy • Understand and apply the rules of the game to play honestly and fairly • Identify my own and others strengths and areas of development and can suggest ways to improve • Use my knowledge of the game and my opponents to create a game plan and clearly communicate roles to my teammates • Use various skills such as marking, tackling and interception to improve my defence • Implement a good sense of hand-eye coordination	Formative ongoing Teacher Assessment	• https://peplanning.org.uk/the-staffroom/ • https://www.thepeshed.com/resources

RSE	Topic: Concepts and laws regarding FGM To recognise: • Myths, risks and legal perspectives on FGM i.e. it is a criminal act • Islamic perspectives on FGM • The mental and physical affects of FGM • Strategies to safely access support for those at risk	• Revisit the Prior Knowledge before the new topic is taught • Evaluation after each lesson	• AMS resources (PPT, Guide & videos)
Religious Studies (RS)	Christian Beliefs Topic: The Afterlife and Judgement Day • Understand Christian beliefs about the afterlife and judgement • Analyse the effect of these beliefs on Christians Topic: Heaven and Hell • Gain knowledge of the Christian concept of heaven and hell • Understand the difference between literal and modern interpretation Sin and Salvation • Learn about the Christian beliefs about the Origin and nature of sin, including the original sin • Consider the effect that sin has on salvation according to Christians The role of Jesus in Salvation • Understand the role of Jesus' crucifixion and resurrection in salvation • Know and understand the concept of atonement in Salvation	• Prior knowledge tests before the new topic is taught • End of chapter assessments	• Textbook title: Religious Studies A - Christianity • Kerboodle • BBC Bitesize RE • Seneca Learning • https://www.kerboodle.com/users/login • https://www.bbc.co.uk/bitesize/subjects/zh3rkqt • https://senecalearning.com/enGB/blg/gcse-religious-studies-revision/
Science	Genetic CB3 • Describe what happens in meiosis • Explain why haploid gametes are needed for sexual reproduction • Describe where genes are found • Names the bases in DNA • Recall the pairing of bases in DNA • Describe how DNA strands are held together. • Describe how DNA can be extracted from fruit. • Describe the difference between a gene and an allele • Explain the effects of alleles on inherited characteristics. • Describe the relationship between a genotype and a phenotype • Identify homozygous and heterozygous genotypes. • Use genetic diagrams to work out possible combinations of alleles in the offspring of parents	• Students are tested with a prior knowledge quick quiz before the lesson • Students are constantly questioned to check their understanding on the lesson taught • A plenary is done at the end either in the form of a worksheet/oral question or a PowerPoint on thinking skills on the related	• Bitesize GCSE • Edexcel; GCSE combined science • Seneca - Learn 2x Faster (senecalearning.com) • GCSE Past Papers & Questions by Topic Save My Exams

	• Explain why the effects of some alleles in an organism's genotype are not seen in its phenotype • Use Punnett squares to work out possible combinations of alleles in the offspring of parents • Interpret family pedigree charts to work out possible inherited genotypes and phenotypes • Calculate ratios of phenotypes (controlled by alleles of a single gene) when organisms are crossed • Calculate probabilities of certain phenotypes occurring when organisms are crossed • Describe how sex is determined in humans. • Give examples of characteristics controlled by multiple genes • Define the term mutation • Describe some potential applications of mapping human genomes • Explain how a mutation can cause variation (limited to changes in the protein formed, which can affect processes in which that protein is needed). • Explain why many mutations have no effect on the phenotype • Distinguish between genetic variation and environmental variation • Distinguish between continuous and discontinuous variation. • Describe the causes of environmental variation • Analyse the contribution of genes and environment to the variation in a characteristic Ionic and covalent Bonding • Explain how ionic bonds are formed by the transfer of electrons between atoms to produce cations and anions, including the use of dot and cross diagrams • Explain the use of the endings –ide and –ate in the names of compounds • Deduce the formulae of ionic compounds (including oxides, hydroxides, halides, nitrates, carbonates and sulphates) given the formulae of the constituent ions • Explain the structure of an ionic compound and Explain their properties • Explain how a covalent bond is formed when a pair of electrons is shared between two atoms • Recall that covalent bonding results in the formation of molecules	topic • Homework is given to reinforce understanding	
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