

Year 11 Curriculum MTP - Autumn Term 1.1

Subject	What will be covered this Term? Students will learn to:	How will my child be assessed this half term?	Resources
Arabic	Topics: Identity & Culture/Daily life/Cultural life • Talk about the school day and school uniform • Talk about school subjects • To talk about school trips • To be able to use Conditional statements • Use demonstratives and relative pronouns • To talk about school activities • To write about future school plans • Future aspirations, study & work • Jobs and professions • Work experience • Job adverts, Internet/emails • Applying for a job • Creating a CV • Making future plans • Talking about work experience and personal qualities • Use of future tense	• Prior Knowledge tests • End of topic tests	• Textbook title: The New- Arabic companion • Interlingo: https://www.interlingo.co.uk/ • Duolingo: https://www.duolingo.com/learn • YouTube Arabic Blooms: https://www.youtube.com/channel/UCmYbjzYhTccpD6MN_b964HA
Citizenship	Topic: Theme D: Power and Influence (Revision) • Understand the purpose of the law • Explain how the law is implemented • Discuss the difference between civil and criminal law • Understand what happens once a party comes to power • Explain who and what put the law into practice • Explain the difference between criminal and civil courts • Learn how sentencing is decided for differing crimes and criminals • Learn how are crime rates are changing and why	• End of topic tests • Past papers	• Citizenship Today Textbook • https://www.bbc.co.uk/bitesize/topics/z8j2n39 • https://www.bbc.co.uk/bitesize/guides/z93ck7h/revision/3

	Understand what are our rights and responsibilities as citizens as part of the legal system		
Computing	Topic: Programming: dictionary and data files - create a record using a dictionary in Python. - create an encryption program using a dictionary with key-value pairs. - open and read data from a text file in a program. - write data to a new file and append data to an existing text file. - read and structure data in a CSV file. - write data to a new file and append data to an existing text file. - identify the skills and habits good programmers develop and use a range of approaches to program a solution. - develop a set of success criteria from a project brief and use the criteria to start developing a solution. - implement and evaluate a solution using success criteria.	- Prior Knowledge - Observational assessments using ICT during the lesson - Evaluation after each lesson - Evaluation after homework - End of topic tests	- Oaks Academy online resources - Computers - Internet https://editor.raspberrypi.org/en-US/projects/blank-python-starter
English	Topic: English Language Paper 2 - Know how long to spend on each question - Familiarise with the format of paper 2 - Identify and interpret explicit and implicit information and ideas - Select evidence from different texts (comprehension) - Explain, comment on, and analyse how writers use language and structure to achieve effects and influence readers, using relevant subject terminology to support their views - Explore the different effects of the writer's language technique	- Essay-style questions - Papers to be completed under exam conditions	https://www.bbc.co.uk/bitesize/exams/pecs/zcbchv4
Geography	Topic 4: UK's Evolving Physical Landscape - Overview - Explain how geology and past processes have influenced the physical landscape of the UK - Explain how physical processes have helped create distinctive UK landscapes - Explain how human activities have created distinctive UK landscapes Topic 4B: River Processes & Pressures - Describe river and coastal landscapes - Explain the formation of the river and coastal landforms Explain the physical and human factors that affect rivers and	End-of-topic Assessments	Textbook title: Edexcel GCSE (9-1) Geography B Investigating Geographical Issues/Pearson - BBC Bitesize website https://www.bbc.co.uk/bitesize/topics/zskbv4j - Revision World - Past GCSE exam questions https://revisionworld.com/ - Ordnance Survey Maps and Atlases

	coasts • Interpret OS maps to identify river and coastal features • Assess the impact of flood events on river and coastal communities • Use case studies to demonstrate knowledge of rivers and coastal landscapes • Discuss the advantages and disadvantages of river and coastal management techniques		
History	Period study: The American West - c1835– c1895 • Explain changes in the cattle industry, including the impact of the winter of 1886–87 • Discuss the significance of changes in the nature of ranching: the end of the open range the continued growth of settlement: the Exoduster movement and Kansas (1879), the Oklahoma Land Rush (1893) • Discuss the range wars, including the Johnson County War of 1892 • Explain the impact of the Battle of the Little Big Horn • Recap the events of the Wounded Knee Massacre, 1890 • Explain the hunting and extermination of the buffalo • Describe the Plains Indians' life on the reservations • Discuss the significance of changing government attitudes to the Plains Indians	• End-of-topic assessments	• Bitesize
Maths	Topic: Circle Theorems • Solve problems including angles, triangles and circles. • Understand and use facts about chords and their distance from the centre of a circle • Solve problems including chords and radii • Understand and use tangents at a point and from a point • Give reason for angle length calculations involving tangents • Understand, prove and use circle theorems to find missing angles/solve calculations • Find the equation of a tangent to a circle at a certain point	• Prior Knowledge tests before the new topic is taught • Evaluation after each lesson • End of topic tests	• Textbook title: Edexcel GCSE (9-1) Mathematics • https://senecalearning.com/en-GB/blog/gcse-maths-revision/ • https://mathsmadeeasy.co.uk/gcse-maths-revision/
PE	Rounders • Bowl with accuracy • React quickly and position body in a suitable place to catch the ball when fielding • Catch the ball and throw to teammates whilst under pressure • Judge where to stand when fielding and position body accurately • Accurately hit the ball when batting	• Formative ongoing Teacher Assessment	• https://peplanning.org.uk/the-staffroom/ • https://www.thepeshed.com/resources

	• Select the appropriate action for the situation • React quickly and run for the bases after batting the ball • Determine how much to run without being caught out • Develop strategies to play effectively and fairly • Play with precise hand-eye coordination • Develop good control of the ball and bowl with precision • Bat the ball with control and accuracy		
RSE	Topic: Pregnancy Choices, Abortion and Adoption To recognise: • The choices we can make regarding pregnancy and where we can access advice and support • The options available for those unable to have children • Why do people choose to adopt or foster children? • Legal and Islamic perspectives on abortion	• Revisit the Prior Knowledge before the new topic is taught • Evaluation after each lesson	AMS resources (PPT, Guide & videos)
Religious Studies (RS)	Topic: Thematic studies of the existence of God and revelation (Christianity) • Investigate the different ideas about the divine that come from revelation • Understand the qualities of God such as omnipotent, omniscient, benevolent, personal, impersonal, immanent and transcendent • Investigate the value of revelation and enlightenment as sources of knowledge about the divine • Understand difficulties in accepting the reality of some examples of revelation Topic: Thematic studies of Religion, peace and conflict (Christianity) • Explain the meaning and significance of peace, justice, forgiveness and reconciliation. • Explain Christian attitudes towards violence, including violent protest. • Explain Christian attitudes towards terrorism. • Explain reasons why wars happen, including: • greed • self-defence • Retaliation • Understand and explain Just War theory, including its criteria. • Explain the meaning of Holy War. • Explain Christian attitudes towards pacifism. • Explain how religion and belief can be a cause of war and violence in the modern world. • Explain Christian attitudes towards nuclear weapons, including nuclear deterrence.	• Prior knowledge tests • End of chapter assessments	• Kerboodle https://www.kerboodle.com/users/login • BBC Bitesize RE https://www.bbc.co.uk/bitesize/subjects/zh3rk qt • Seneca Learning https://senecalearning.com/en-GB/blog/gcse-r religious-studies-revision/ • AQA resources https://www.aqa.org.uk/subjects/religious-studies/gcse/religious-studies-a-8062/assessment-r resources

	• Explain views about the use of weapons of mass destruction. • Explain how religious people and organisations work towards peace-making. • Explain religious responses to victims of war, including the work of a modern religious organisation.		
Science	Topic: Plant Structure and Functions • Recall the word equation for photosynthesis • Explain how leaves are adapted for their function • Describe the effects of temperature, light intensity, and carbon dioxide on photosynthesis • Explain how root hair cells are adapted for their function. • Explain how molecules move by osmosis • Explain why active transport is needed to transport some molecules • Describe how the xylem and phloem are adapted for its function • Describe how transpiration and translocation occur • Explain the effects of environmental factors on the rate of transpiration Topic: Exchange and Transport in Animals • Describe how substances get into and out of cells • Describe how the lungs are adapted to carry out the efficient gas exchange • Describe how blood vessels of the circulatory system are adapted for their function • Describe the role of the different components of blood. • Label the structure of the heart and explain the role of valves in the heart • Calculate cardiac output and explain the effects of exercise on cardiac output • Recall the word equation for aerobic and anaerobic respiration • Compare and contrast aerobic respiration in terms of products, energy release and location • Explain what happens to lactic acid concentrations during and after exercise • Describe the effect of thyroxine on the body and metabolic rate • Explain how the body responds to high and low levels of thyroxine in the blood • Describe the stages of the menstrual cycle • Describe the roles of oestrogen and progesterone in the menstrual cycle	• Prior Knowledge tests • Evaluation after each lesson • End of topic tests	• Textbook title: Edexcel (9-10) Combined Science • CGP Combined Science Revision Book • https://www.bbc.co.uk/bitesize/subjects/zp266yc

	Topic: Ecosystems and Material Cycles • Describe how the interdependence of organisms allows their survival • Explain how communities are affected by abiotic factors • Describe how competition affects communities • Explain how predator-prey cycles affect communities • Describe how parasites are dependent on their hosts • Explain how the structure of a community can affect biodiversity • Define eutrophication/Explain how eutrophication can affect ecosystems and biodiversity • Explain how introducing species affects ecosystems and biodiversity • Explain how animal conservation and reforestation benefit biodiversity • Describe processes by which water cycles through living organisms and the abiotic parts of an ecosystem • Explain how desalination can produce drinking water. • Describe the carbon cycle • Define abiotic and biotic characteristics • Label a nutrient cycle diagram and use it to explain biodiversity in the TRF • Describe plant and animal adaptations to the equatorial climate • Identify distinctive abiotic and biotic characteristics of the taiga forest		
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