

Year 9 Curriculum MTP - Spring Term 2.1

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 Family and Friends • Talk about family relationships. • Use description (Physical - character) • Talk about friends and what makes a good friend Use adjectives & nouns Friendships • Make arrangements to go out • Use the future tense • Verbal noun • Plurals	• AFL (Assessment for learning) Testing • Previous knowledge • End of term Assessment	• Textbook title: The New-GCSE Arabic companion • Interlingo: https://www.interlingo.co.uk/ • Duolingo: https://www.duolingo.com/learn • YouTube Arabic Blooms: https://www.youtube.com/channel/UCmYbjzYhTccpD6MN_b964HA
Art	Topic: Tone & Landscape/ Claude Monet • 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	• Starter • End of lesson quiz	• Acrylic painting techniques: https://www.youtube.com/watch?v=cDzcoy eaRKI • Drawing at a Distance: https://www.youtube.com/watch?v=57vPr GjccH4 • Landscape plotting before painting: https://www.youtube.com/watch?v=3NpnQ FI5-0c • A Spring Day Landscape: https://www.youtube.com/watch?v=nq-6u5 E4Nwo

	• 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		
Citizenship	Topic: Why do people move around the world • 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 • Explore the changes that are taking place in the structure of the UK • 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	• Prior Knowledge tests before the new topic is taught • Evaluation after each lesson • End of topic tests	• Oaks Academy online resources • Internet • https://www.bbc.co.uk/bitesize/subjects/z7f3cdm
Computing	Topic: Machine learning using the micro:bit • justify the use of artificial intelligence (AI) to solve a problem • record and label movement data • train a machine learning model and test the model's predictions • train a machine learning model and test the model's predictions • build a simple application that uses predictions from a machine learning model to control program flow • create a model card to document a machine learning model	• 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 • Micro:bit • https://quickdraw.withgoogle.com/ • https://createai.microbit.org/

English	Poetry - Unit 2 - Relationship • Students to develop an interpretation of a poem, exploring the use of figurative language • Students to analyse the use of imagery in conveying meaning to the reader • Students to explore the ideas and reflect feelings through discussion with others • Students to explore how setting and dialogue can help to convey an author's message • Students to understand how spoken language can reflect a characters background and social status • Students to draw on knowledge, literary techniques, style and structure to draft a poem • Students to explore how reputation and diversity of imagery can build up poetic structure • Students to understand how traditional forms can be adapted to convey a contemporary message /Students to compare texts written in the same literary tradition	• Assessment: Writing a poem about family and friends Debate: Read the poem 'War Girls by Jessie Pope and write a debate based on the statement: 'War is no place for a woman'	• Ignite book 3 • War and Peace poetry anthology
Geography	Topic: Using Earth's Resources • Describe Earth's natural resources • Describe renewable and non-renewable sources of energy • Describe global inequality in access to water through interpreting choropleth maps • Use case studies to explain water stress • Assess solutions to water shortages • Explain global food inequalities • Explain causes and consequences of global food inequalities • Evaluate solutions to food inequalities • Describe and explain global fossil fuel production and consumption • Explain the importance of renewable energy	• End of lesson quizzes • End of topic assessments	• Textbook title: Geog. 3 Pearson • Kerboodle https://www.kerboodle.com/users/I login • Ordnance Survey Maps and Atlases

	with a focus on solar energy in the UK Assess the global exploitation of natural resource with a focus on ecosystems		
History	Topic: Conflict in the 20th Century - Identify and explain long-term and short-term causes of - Explain key long- and short-term causes of major 20th-century conflicts. - Identify how nationalism, alliances, and ideology increased tensions. - Describe how warfare changed (technology, tactics, total war). - Analyse the impact of conflict on soldiers and civilians. - Explain how war affected everyday life, including propaganda and rationing. - Describe the roles of women and minority groups during wartime. - Understand how empires, alliances, and superpower rivalry shaped conflicts. - Explain the global impact of the Cold War. - Describe key outcomes of major conflicts. - Evaluate how treaties and international organisations aimed to prevent future wars. Historical Skills - Use evidence to explain causes, consequences, and significance. - Interpret sources and construct structured written responses.	- Ongoing classroom assessments - End of term assessments - End of unit assessment - Peer assessment	- Explorer History workbook - Bbc bitesize
Maths	Topic: Fractions Ratios and Percentages - Add subtract divide and multiply fractions and mixed numbers - Find the reciprocal of an integer, decimal or fraction - Form and compare ratios - Find quantities and solve problems using ratios - Convert between currencies and measures - Recognise and use direct proportion - Solve problems involving ratios and proportion	- Prior Knowledge tests before the new topic is taught - Evaluation after each lesson - End of topic tests	Textbook title: Edexcel GCSE (9-1) Mathematics Higher https://senecalearning.com/en-GB/blog/gcse-maths-revision/ https://mathsmadeeasy.co.uk/gcse-maths-revision/

	• Work out percentage increase/ decrease and solve real life problems involving percentages • Calculate using fractions, decimals and percentages • Convert a recurring decimal into a fraction		
PE	Basketball • Use the correct technique when dribbling a ball • Pass a ball to a team member using the correct technique • Use the correct technique to shoot a ball into a hop • Use the correct technique to defend the hoop in a game • Move around the pitch in a game and find an open space to receive the ball • Communicate with team members so that they are aware when the ball is being passed and when to be free to receive the ball	• Formative ongoing Teacher Assessment	• https://peplanning.org.uk/the-staffroom/ • https://www.thepeshed.com/resources
RSE	Topic: Impact of viewing sexually explicit material including pornography To recognise: • The physiological and psychological impact of viewing pornographic material • The Islamic perspective on viewing sexually explicit material • The negative impact of viewing pornography on behaviour towards partners and spouses • Strategies to deal with temptation and avenues of support	• Revisit the Prior Knowledge before the new topic is taught • Evaluation after each lesson	• AMS resources (PPT, Guide & videos)
Religious Studies (RS)	Topics: Why is there suffering? • understand what types of suffering there are in the world • understand why suffering happens from the bible • understand how Christian people make sense of suffering	• Ongoing class assessments • Peer assessments • End of unit assessment	• https://docs.google.com/document/d/1iEpsbIpn11dmEr7DQOSWnRoY269HPHAN/edit • https://docs.google.com/document/d/1eFWltWQkIx9U8itTvd4iXvoaB0B4p9WE/edit

	• understand the belief in how a good God can allow suffering • Understand what the Buddha teaches about suffering? • Understand how far humans are able to overcome suffering		
Science	Cp3 Conservation of energy • Explain, using examples, that energy is conserved • Give examples of e • Energy being moved between different stores • Interpret diagrams that represent energy transfers • Describe what happens to wasted energy in energy transfers • Explain some ways in which energy is transferred wastefully by mechanical processes • Explain some ways of reducing unwanted energy transfers in mechanical processes • Define what efficiency means • Explain how efficiency can be increased. • Recall and use the equation for calculating energy efficiency • Describe ways of reducing unwanted energy transfers using thermal insulation • Explain different ways of reducing energy transfer by heating work • Define the meaning of thermal conductivity • Describe the effects of the thickness and thermal conductivity of the walls of a building on its rate of cooling • Describe how different factors affect the gravitational potential energy stored in an object • Recall and use the equation for gravitational potential energy • Describe how different factors affect the kinetic energy stored in an object	• 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 topic • Homework is given to reinforce understanding	• Pearson Edexcel GCSE combined science • GCSE bitesize combined science • GCSE Past Papers & Questions by Topic Save My Exams • Seneca - Learn 2x Faster (senecalearning.com)

- Recall and use the equation for kinetic energy
- List the non-renewable energy resources in use today
- Describe the advantages and disadvantages of non-renewable energy resources
- Compare the advantages and disadvantages of non-renewable energy resources
- Explain how the use of non-renewable energy resources is changing
- Explain why we cannot use only renewable energy resources
- Describe the ways in which the different energy resources are used

CP4 Waves

- Describe waves using the terms frequency, wavelength, amplitude, period and velocity
- Describe the differences between longitudinal and transverse waves
- Give examples of transverse and longitudinal waves
- Use the equation relating wave speed, frequency and wavelength
- Use the equation relating wave speed, distance and time
- Describe how to measure the velocity of sound in air
- Describe how to measure the velocity of waves on the surface of water
- Explain some effects of the refraction of light
- Explain how a change in wave speed can cause a change in direction

Topic: Electromagnetic waves

- Explain, with the aid of ray diagrams, reflection, refraction and total internal reflection (TIR), including the law of reflection and critical angle
- Explain the difference between specular and diffuse reflection
- Explain how colour of light is related to

	differential absorption at surfaces and transmission of light through filters • Relate the power of a lens to its focal length and shape • Use ray diagrams to show the similarities and differences in the refraction of light by converging and diverging lenses • Explain the effects of different types of lens in producing real and virtual images • Recall that all electromagnetic waves are transverse, that they travel at the same speed in a vacuum • Explain, with examples, that all electromagnetic waves transfer energy from source to observer • Investigate refraction in rectangular glass blocks in terms of the interaction of electromagnetic waves with matter • Recall the main groupings of the continuous electromagnetic spectrum • Recall that our eyes can only detect a limited range of frequencies of electromagnetic radiation • Explain the effects of differences in the velocities of electromagnetic waves in different substances • Explain that all bodies emit radiation, that the intensity and wavelength distribution of any emission depends on their temperature • Recall that the potential danger associated with an electromagnetic wave increases with increasing frequency		
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