

Middle school Curriculum Matrix Year 1 2022/23																													
QUESTION 1 WHAT ARE MY DREAMS FOR THE FUTURE?			QUESTION 2 WHAT ARE MORALS AND ETHICS?			QUESTION 3 WHAT IS FAITH?			QUESTION 4 HOW DO WE MAKE SURE WE ARE HEALTHY?			QUESTION 5 WHAT IS LOVE?			QUESTION 6 AM I UNIQUE?			QUESTION 7 DO WE NEED LAWS?			QUESTION 8 IS THE WORLD SMALLER THAN EVER?			QUESTION 9 HOW WILL LIFE BE DIFFERENT IN THE FUTURE?			QUESTION 10 WHAT IS SUCCESS?		
5th September			3rd October			14th November			4th January			10th January			6th March			17th April			15th May			12th June			17th July		
ENGLISH	Heros	Analysis of the protagonist Francis loses his identity and how we know ourselves. Through chronological shifts in novel, Francis changes from having strong dreams of the future, with the desire to be a writer to having no expectation of a future. Francis manufactures fate by taking the law into his own hands, seeking to avenge the rape of his girlfriend by murdering	Heros	Analysis of the character of Larry who represents excess and a lack of morality. Historical views of morality and ethics- WW2, medicine over time- cosmetic reconstruction. Punishment. Paedophilia and how historically those in positions of trust were allowed to go unchallenged. Exploring the concept of regarding people as property, especially woman. Why doesn't Francis save Nicole from being raped?	Shakespeare's Legacy	Delving into the world of Shakespeare, we'll look at how he changed the world of literature. Experiencing multiple plays and poems, we'll explore themes that were relevant to Shakespeare's day and what relevance they have now. Looking at Shakespeare's life and the range of Kings and Queens he wrote for, we'll ask how faith impacted England and Shakespeare. Is faith evident as a key theme in his plays and poems? What does this mean to him, to England at the time and to us?	Shakespeare's Legacy	Do the characters in Shakespeare's world have healthy lives? Are there illness or apparent mental health issues? What causes them to do so and how do we see this reflected in our lives at all? Looking at what makes for a healthy life in body and mind, can we apply this knowledge to Shakespeare's characters and would this possibly change their fate?	Poetry	An exploration into various types of poetry will help us look at our perception of what love is and can it be different for others? Is love different for families, relationships, friends or even our job? Is there love within war and do our War Poets show this at all?	Poetry	What makes us unique? Are people from different countries the same and do we face the same issues? Do war poets from the 19th Century face the same issue as their counterparts now? What are their similarities and differences? Is the love we experience unique or is this the same for all our romantic poets?	Of Mice and Men	What laws do we think are important and which laws should be scrapped? Exploring Of Mice and Men, there is a huge issue with racism and misogyny at the time. Are laws important to protect those suffering from racism or those being racist? Is society taking advantage of certain laws that favour them because of the colour of their skin? How has this changed now and is there still more lawmakers can be doing to protect our vulnerable in society and people similar to the characters in Of Mice and Men.	Of Mice and Men	The world changed significantly during the time Of Mice and Men is set and many Americans fled to California after the Dustbowl Storms. This meant they began to experience more people than ever and their world became just a little bit bigger. Now our world doesn't seem as small due to social media and the internet. How would Of Mice and Men be different if it was set today? Would the actions of the characters be different due to more exposure to a wealth of races, religions etc.	Social Inequality	What are the main issues with social inequality in Britain today. Exploring this through Stone Cold, The Titanic and I am Daniel Blake, we will explore how life has been different in different eras and what this will mean for the future. Will the world change and does politics effect this? Is it different for those with different social status and will the world become more dystopian as we go on?	Social Inequality	What does success mean to you and how do you measure this? Do we have to fail to achieve success? Looking at social inequality, is success unachievable for some and is this fair? What can we do as a people to make sure that everyone succeeds in life?									
MATHS	Number	Basic Percentages. To use number in real life scenarios E.g. how much you could earn and what percentage is tax, national insurance. Borrowing money for a mortgage/car. Use probability to work out the chances of getting a job with different qualifications. Probability of something happening.	Number	To use money problems to look at different jobs/pay. Do you get paid enough? How would you spend out of your wages on holidays/cars/nights out. Algebra, balancing equations. Betting sites, gambling, county lines, internet safety.	Geometry and Measure	To use standard units of measure and related concepts. length, area, volume, capacity and mass. Converting between units	Geometry and Measure	Identify, describe and construct congruent and similar shapes, on co-ordinate axes by considering rotation, reflection, translation and enlargement (including scale factors) Construct and interpret plans and elevations of 3D shapes	Geometry and Measure Algebra	To know the unique formula for pythagoras theorem and how it fits in with finding sides of triangles. Is it the same for every triangle? To know and use trigonometric ratios. Basic Algebra, equations. Collecting like terms	Formulas, laws of indices, sequences Algebra	Use positive integer powers and associated real roots (square, cube and higher) calculate with roots and integer indices.	Statistics	Interpret charts and graphs and construct tables charts and diagrams. Frequency tables, bar charts, pie charts and pictograms	Statistical measures	Interpret, analyse and compare data using primary, secondary, discrete and continuous data. (mode, mean, median and range) using statistics look at how life could be different in the future	Ratio and proportion	Apply ratio to real life contexts and problems. Express a multiplicative relationship between two quantities as a ratio. Understand and use proportion as equality of ratios.											
SCIENCE	Enquiry Processes, Organisms, Movement and Cells	What and who are we...literally? We are made of billions of cells that form tissues and organs. Is this all we are? Do we, as sneaky bags of flesh and water, have a fate? Also, what careers can science qualifications lead on to? It's not just men in lab coats.	Earth, Ecosystems	Climate change will soon become the most important event in the history of humankind. What ethical responsibility do we have to do our bit to slow/prevent it happening? Do we have a responsibility to look after the planet and its inhabitants?	Forces and Energy	Is faith just the absence of evidence? How do we have belief when there is no evidence contradicts it? These topics explore the universe and the physical nature of our universe and the explanation of phenomena without invoking the supernatural. How were scientists treated who made observations that went against religious teachings?	Breathing, Drugs, Nutrition	What are the effects of drugs such as alcohol and smoking on our bodies? How does exercise help us keep healthy? What should we know about our diet to optimise our health?	Human reproduction	Is love purely physical? What changes do we undergo in our bodies as we grow older? Why do you we start to notice people differently?	Chemical reactions, acids & Alkalis	Health & Safety, COSHH, PPE.	Waves, Matter	Matter, Electromagnetism, Biotechnology, Energy resources	Ecosystems & Genes	What makes a successful organism? What makes a successful and thriving ecosystem?													
HUMANITIES	Local History and geography	Investigating the development of your local area, finding out how history has shaped our present.	The British Empire and the transatlantic slave trade	Answering the question have ethics and morals always been the same? Exploring which ethics have changed throughout history, focusing on racism, new cultures and xenophobia.	An introduction to the big 6 via the rites of passage celebrations and rituals that they perform.	We will focus on the most prominent 6 religions and look at how they guide people through their life and the rites of passage markers for people i.e. birth, becoming an adult, marriage and death.	Climate change	How the world can change based on our treatment of it and what we can do to halt climate change and it's effects. This will consider the effects of polar and hot deserts as well as to our environment.	French revolution and American revolution	The love that people can have for their country. What is a revolution and how are they caused. What will people do to fight for the freedom and love of their country?	Differences and similarities of regions of Africa, Asia and Europe	Comparing Great Britain to regions of Africa and Asia, focusing on geographical features, distribution of wealth and culture. Answering the question, how different are we to other parts of the world?	Religious rules and commandments	The laws that are universal or specific to certain religions, how they relate to our personal ethics and the laws that we have in our country. Do we believe that all of these laws are still relevant.	Population, urbanisation, distribution of resources	Considering the statistics and diagrams which show the population and the wealth and resources held within the world, are they evenly distributed? Consider the effects of war and politics on the emigration of people to different regions.	Historical emigration to Great Britain and their journeys	Track the different emigration patterns over recent history, e.g. Ireland, India and Jamaica. Thinking of the futures that they hoped for and the future that some people, such as the windrush generation, received. This could possibly be expanded to compare Vikings and Romans to compare the perception.	Successful historical figures	Are the most famous historical figures successful? Did they really achieve their main goals? Are there incredibly famous and successful people that we may not know about? What is success really?									
PE	Football	Exploring how to succeed you need to follow the rules, to master the tactics, to observe form and style. Target setting- how do we know if we are achieving and progressing?	Basketball	Do some sports allow cheating? Should transgender athletes be allowed to compete? What are performance enhancing drugs? Is there a sportsperson conduct further to the rules of the sport?	Volleyball	How does sport and faith fit together? Sports and religion are closely linked, sports like religion convey important lessons about values and culturally appropriate behaviour. Loyalty to a sport or duty. Muslim countries. Is faith a barrier to sport? Believe in yourself to succeed. Athletes pray even if not religious. What is the Black Power Salute. Why do football players take the knee?	Fitness and Exercise	How do we become healthy? Is exercise key to being healthy or is there other factors? Can exercise cure illness? What does a balanced diet look like? What is blood pressure? How much of our health is mental?	Cricket	Can you create an environment within sport in which love is present and active? What does this look like? Relationships with team mates. How do we cultivate character in sport and is this even important?	Unusual sports	Paralympics, Special Olympics and disability in sport. Is all sport inclusive? Transgender athletes. Born to be an athlete? Do genetics play a part to achievement?	Rugby/Boxing	Does sport need rules? Should there be different rules for different ages or genders? National Governing Bodies. New rules that have been introduced into sport over time. What is the European mode of sport? Safety of spectators, Participation rights. Homegrown players.	Olympics	Can you plan your own olympics event? Which sporting activities will athletes compete in? How will it be organised? The history of The Olympics. Where did the Olympics begin? How many countries are involved today compared to when the Olympics began?	Archery/Fives/Tennis/Croquet	Where did the sports we play today begin? How have they developed over time? How old are the sports we play? How have old sports developed? Where is sport going in the future? Is VAR ruining football?	Athletics	How do we measure success in sport? Do you need to obtain a Gold medal to be successful? Is success always based on achievement? Different ways to measure success in sport are: time/length/height/distance/dressage/routine/weight/score. Personal achievement									
COMPUTING/MEDIA	Impact of technology: collaborating online respectfully. Identifying how to use online collaboration tools respectfully.	How does technology play a part in our futures? Positive and negative impact of technology on our planet. How can technology help us plan for the future?	Using media: Gaining support for a cause.																										
FOOD AND NUTRITION	Job Roles in the Food Industry.	Describe job roles in the Catering Industry. Discuss working conditions. Questioning- what are your work aspirations? Investigate Catering jobs and pay.	Ethical Enterprise	What are 'Morals and Ethics'? Discuss Food production predominantly the meat and egg industry. Look at reasons for dietary choices. Test out free range eggs, barn and caged.	Faith and Food	Discuss the religious calendar and food festivals and celebrations. Plan for Christmas - a cake for specific person/family, presentation techniques. Look at specific religious and discuss how they celebrate key dates in comparison to us in school.	Healthy Lifestyles.	Describe the functions of nutrients. Food related causes of ill health. Food Safety and control measures. PPE. Plan and make dishes that are 'balanced and healthy'.	Love and Food	The love of food, discuss favourites. Why do we celebrate valentines day? design and make your valentine a dish or cake - presentation is key. Discuss how tastes change as we get older.	Am I unique?	Discuss and question: why do I like specific foods? Why do we eat certain foods in this country? What is the staple foods of the UK? What are the staple foods of the given countries? Create some dishes that are 'staple' to the UK and other countries.	The Law and Food.	Investigate the job of a EHO, (Videos) Rules and routines in the kitchen, why do we have them? Embed hygienic practices in a working kitchen. Regulations to prevent food poisoning.	Global Food	Discuss the global food culture, how some countries are starving, do we need food banks in the UK? What should/could we do to help? Look at well known branded food products and the impact they have on society.	The Future and Food	Environmental Sustainability. Investigate the meat production in the UK. Food Miles. Carbon Footprint. Eating seasonal foods, growing your own.	Success! What have you accomplished?	Discuss - How confident you are in being able to cook independently/team? Celebrate your success in planning/making a dish of your choice you are confident preparing independently. Share your success with the school and help prepare with your group a celebratory dish.									
MOTOR VEHICLE	Scheme ref:101 MV Theme 1 Future	A look into the history of the engineering industry (inventors). Fate. A look into chosen paths in life. Is anything possible Change. Small steps, Large steps life changing. "Future" what can we change and why? Chosen path and independence, happiness.	Scheme ref:101 MV Theme 2 Morals and ethics	Moral and ethical discussion on self drive vehicles. Are machines capable of making decisions for us. Can machines think like us in an emergency can they go wrong? And at what cost	Scheme ref:101 MV Theme 3 Faith	faith? Do we look at ourselves, faith in our work and tools, people or faith as in our belief, other ways of life following a religious path without technology.	Scheme ref:101 MV Theme 4 Healthy	Insight into Health within the Automotive industry and the impact on ourselves and effects on others. exposure, chemicals, contact. Mental Health our mind is our ECU. Healthy relationships what we need for them to work?	Scheme ref:101 MV Theme 5 Love	Love ? For the job fixing things making them alive again are vehicles like humans? They eat, breath and get rid of waste. Happiness passing your test, freedom, independence, helping others, job satisfaction. Can Love influence driving behaviour?	Scheme ref:101 MV Theme 6 Unique	A discussion on Am I unique ? Why am I choosing automotive as my chosen career path. What are my contributing factors?what i'm good at? What do i want to achieve? Can i make a difference?	Scheme ref:101 MV Theme 7 Law	The Law in the automotive industry. An over view of why we need these laws. New law on Emission control and why? Are we just getting old vehicles off the road? Transport emissions contribute to 14% of green house emission, what or who are the other main contributors of emissions globally?What happens if we do nothing?	Scheme ref:101 MV Theme 8 The World getting smaller.	Is the world smaller than ever? Are we over populated as a country? Are we constantly building houses? Are we using more vehicles now than ever before and why? You thoughts on your future do you think we will become like china having to reduce living space using technology?	Scheme ref:101 MV Theme 9 Life in the Future.	How will life be different in the future? The automotive industry is heavily looking into this now by vehicle emission control. By 2025 the internal combustion will cease to be manufactured and banned. Is this realistic do we think? Are we anywhere near that leap yet?	Scheme ref:101 MV Theme 10 Success	What is success? Who is successful in our industry?How can i measure my success?What are my steps/options? Can i take different paths to get to the same goal?What have i achieved already at this time in my life? I'm i going to be a mechanic or an engineer technician in the future. What is it going to be like?									
ART	Portraiture	Split face self portraits: Looking at who i am now and what i want to become Portraits of an idol. Who is my idol and why?	Urban Art	Graffiti - Is it Art or Vandalism? Designing and making stencils, producing my own graffiti art and why?	Crafts	Winter festivities - looking at the elements of art to create winter themed pieces	Food	How do we create three dimensional forms on paper? Developing skills in pencil, crayon, watercolour, acrylic and collage with Food as the focus.	Pop Art	What is pop art? Focus on the origins of PopArt and the key artists from this movement. Pupils produce individual pieces based on this theme	Landscape and Architecture	What is perspective and how do we create this in our artwork? Focus on first hand research and on-site sketching techniques. Exploring the local landscapes and architecture	Community Art	Producing artwork for a company/ Shop or business in Wem	Art from Around the World	What does Art from other countries look like? African sunsets, capital city skylines, japanese silk painting, Batik	Wild Animals	Focus on animal welfare and the extinction of species around the world. Explore texture and pattern. Focus on developing skills with chalk, pastel and acrylics	Gallery Exhibition										
Engineering	Game design	Look at how childrens games have changed over time. Discuss how they might change in the future. Design and make a traditional wooden toy. Focus on planning production.	Lighting	Electronics themed project. Pupils look at the use of bulbs compared to LED lighting. Pupils look at the use of solar power.	Crafts	Winter festivities - Developing resistant materials skills to create winter themed pieces	Planters	Develop skills in Wood working to design and make planters for vegetables. Pupils will get the opportunity to plant flowers/vegetables	Storage	Pupils work on an individual theme, focussing on designing and making a storage product for another user. How do we meet the needs of others? How do we find out what they want and need?	Glass and Ceramics	A surface decoration module looking at applying paint to glass and ceramic items. Pupils use Shropshire as the theme for their decoration.	Community Design	Pupils work on a community product, producing bird boxes for Wem.	Design from Around the World	Egyptian masks, Chinese lanterns, Australian boomerangs	Wild Animal Sculpture	Focus on animal welfare and the extinction of species around the world.	Trophies										