Mayflower High School

KS3 Curriculum – A Summary to Parents

Year 8			
Subject	**Autumn**	**Spring**	**Summer**
English	Novel (Reading) - choice of novels, students study themes, characters, context and language. Frankenstein (play) (Writing) – students study a scripted adaptation of the classic novel. Their focus is the formation and production of play scripts, which they have to then produce.	Roald Dahl Short Stories (reading) – students study and compare Roald Dahl's tales of the Unexpected. Country Project (Writing) – students are taught a variety of writing skills, based on the idea of creating their own brand new country.	Dragon's Den (Speaking and Listening) Students work in groups to produce a brand new product which they have to market and present. There is also the opportunity to go through to a whole school final. Non-fiction anthology (Reading) a selection of non-fiction texts is studied, with an exam style assessment.
Maths	Integers, Powers and Roots Angles and Shape Analyzing Statistics Equations and Formulae Mensuration	Probability Straight Line Graphs Real-life Graphs Equations and Graphs	Calculations Representing Data Fractions, Decimals and Percentages Transformations
Science	8P1 Waves & Magnets (light, sound & hearing, magnets & electromagnets) 8C1 Acid Reactions & Reactivity (acids & alkalis, reactions of metals & metal compounds, patterns of reactivity) 8P1/8C1 End of Modules Test (December)	8C2 Earth Chemistry (rocks & weathering, rock cycle, environmental chemistry) 8B1 The Human Body & Inheritance (food & digestion, respiration, fit & healthy, inheritance & selection, variation) 8C2/8B1 End of Modules Test (pre-Easter Break, March/April)	8B2 Plants (plants & photosynthesis, plants for food, plant reproduction, respiration) 8P2 Forces (forces & their effects, speeding up, pressure & moments) End of Year 8 Test (on all modules studied during the course of the year, July)
French	Personal profiles Going out and Free time activities Modal verbs Present tense Perfect tense Christmas	Lifestyles: Food and Drink, media and technology Present tense Past tense Future tense Easter	Holidays & Weather Present tense Past tense Future tense Fete Nationale

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Spanish	Extension work on free time. Talking about places around town. Describing friends using adjectives. Using sequencing words. Writing extended texts. Invitations and excuses.	Talking about your holidays (in the past) Talking about mealtimes. Shopping and restaurants. Talking about likes and dislikes. Using higher numbers. Using past, present and future together.	Talking about clothes. Describing your school uniform. Using comparative/superlative forms. Asking for and giving directions. Creative writing based on a past holiday. Agreement of adjectives (colours).
Geography	Why do people migrate, and how do the physical and human worlds interact to explain the patterns we see around the world? What are the oceans actually like, how do they work, and how important are they for people?	China is quickly becoming the largest and most influential country in the world. How have its landscape, resources and people combined to achieve this? The world has some amazing places, both natural and man-made. This is an exploration of their stories and influence.	As consumers the products we buy come from across the world. The effects of our buying decisions are equally global. What's going on? Rivers are an important part of the physical landscape but also cause devastating floods. On balance, do people win or lose?
History	Britain 1500-1750 (continued into the Spring Term)	The French Revolution (continued into the Summer Term)	Aspects of Britain 1750-1900
Art & Design	Pupils use a wider range of materials based on a cultural project i.e. African or South American	Working on 3D materials including papier mache	Pupils will extend their cultural project using printing techniques, ink and clay and more complex materials
Religious Studies	Hinduism - Origins, Beliefs and practices, Beliefs about God, Mandir, Life after death Islam - Origins, Beliefs and practices, Beliefs about God, Mosque, Life after death All lessons support the Year 8 Places of Worship Trip and Project	Judaism - Origins, Beliefs and practices Beliefs about God, Synagogue, Jesus - the Jew Jesus the Leader - Beliefs about Jesus, The life of Jesus, The death of Jesus	Conflict in Religion Why is there conflict amongst religions? Well-known conflicts: Holocaust, Terrorism, Islamophobia Inspirational People What does inspirational mean? How can someone be considered as an inspiration? How can someone use their beliefs to inspire? People considered as inspirations

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Physical Education	Rugby, football, volleyball, netball, swimming, gymnastics, dance, sport Education, Fitness, Athletics(all 4 week blocks, of 8 lessons)	The Pupils will follow the same as autumn term to cover 7 of the activities	Athletics (6 weeks 12 lessons) , Cricket, Rounders.(4 Week blocks)
Design & Technology	The students are taught on a carousel and as such will cover the following projects over the course of the year: Candle Holder Cast-It: Pewter casting Torch: Introduction to electronics (LEDs, resistors and switches) Poly Pen: Introduction to Smart Materials Food: (Practical Work) - Couscous salad, Carroty cupcakes, Fruit cobbler, Herby vegetable crumble, Cheese or fruit scones, Scone based pizza, Chicken nuggets, Pasta and ragu sauce Theory/design work - Safe and correct use of equipment, Hidden sugars in foods and making smarter choices, Food packaging, Healthy eating and the 'eatwell 'plate, Sensory analysis of food products, Stuffed crust practical, Packaging design, Working out the cost of a food product, Planning the making of a product, Evaluating a product	The students are taught on a carousel and as such will cover the following projects over the course of the year: Candle Holder Cast-It: Pewter casting Torch: Introduction to electronics (LEDs, resistors and switches) Poly Pen: Introduction to Smart Materials Food: (Practical Work) - Couscous salad, Carroty cupcakes, Fruit cobbler, Herby vegetable crumble, Cheese or fruit scones, Scone based pizza, Chicken nuggets, Pasta and ragu sauce Theory/design work - Safe and correct use of equipment, Hidden sugars in foods and making smarter choices, Food packaging, Healthy eating and the 'eatwell 'plate, Sensory analysis of food products, Stuffed crust practical, Packaging design, Working out the cost of a food product, Planning the making of a product, Evaluating a product	The students are taught on a carousel and as such will cover the following projects over the course of the year: Candle Holder Cast-It: Pewter casting Torch: Introduction to electronics (LEDs, resistors and switches) Poly Pen: Introduction to Smart Materials Food: (Practical Work) - Couscous salad, Carroty cupcakes, Fruit cobbler, Herby vegetable crumble, Cheese or fruit scones, Scone based pizza, Chicken nuggets, Pasta and ragu sauce Theory/design work - Safe and correct use of equipment, Hidden sugars in foods and making smarter choices, Food packaging, Healthy eating and the 'eatwell 'plate, Sensory analysis of food products, Stuffed crust practical, Packaging design, Working out the cost of a food product, Planning the making of a product, Evaluating a product

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ICT and Computing	E-time capsule: A project which explores the presentation of information in a web site format. Students are taught how to build a functional website using Adobe Dreamweaver software, and explore the use of HTML tags and CSS.	Game making: Students explore the use of Scratch to build their own games. They are introduced to the concept of variables to store certain items such as scores and timers, as well as iteration and IF/ELSE statements to control their sprites.	E-safety: Students produce a video or animation which focuses on the themes of e-safety. This unit covers topics such as cyber bullying, keeping personal details safe online, identity theft and other areas of e-safety which are pertinent to students of this age.
Music	Part Singing Students will work in groups to compose a piece of music influenced by 'Gospel' style singing	Exploring Popular Instrumentation - Students will learn how to play and develop their skills on the electric guitar, electric bass guitar, drum kit and keyboard synthesiser	Music & Movement (Exploring Dance Music Production) - Students will learn how to use computer production techniques to compose pieces of music that encourage movement, such as dance forms or for exercise. Performing in a Rock Ensemble
Drama	Communication-looking at how a story is communicated to an audience through, the language, tone of voice and facial expressions, gesture and body language	Melodrama – learning and practising the genre of theatre.	Ernie's Incredible Illucinations – the study of a text Use of Masks
Life Skills (PSHE & Citizenship)	Time management Personal Organisation Self Esteem Personal Hygiene Family life	Safety on the Street Police talks Essex Fire Service Home Safety talks Drugs	Ageism Community & Social Awareness Presentations Cultural Awareness Gambling Bullying