

Curriculum Map

Grade 8 (age 13-14)



	Term 1		Term 2	
	Quarter 1 (Sep/Oct)	Quarter 2 (Nov/Dec/Jan)	Quarter 3 (Feb/Mar)	Quarter 4 (Apr/May/June)
Educational Visits	Student Leadership Retreat		Musee Carnavalet or Château de Malmaison	Montmartre and the Artistic Heritage Week Long Education Trip.
Rights Respecting School	Establishing Class Rules Student Implementation Committee RSHM Heritage Award	Student Implementation Committee RSHM Heritage Award	Student Implementation Committee RSHM Heritage Award	Student Implementation Committee RSHM Heritage Award
Cultural Identity & Diversity	Learning about Culture through Music	Rhythms of Africa	Parler de nos Cultures Individuelles	Cultural Identity: Africa
Religious Education & Ethics	Introduction to ethics and ethical notions; Dilemmas; Law vs. Morality; Kant's Categorical Imperative and Universalization; Study of these concepts with accompanying exercises with film: <u>Meet Joe Black</u>	Introduction to ethical system; Golden Rule; Ten Commandments; Moral Law; Positive and Negative laws; Discernment and exercises using hypothetical dilemmas; Reflection Questions on <u>An Inspector Calls</u>	Ethics Systems: Situation Ethics; Utilitarianism with the "Happiness Principle"; Ethics Project: Choice of topic; Discussion using 2 ethical systems; 3 reflection questions; Literature/Films: ethical discernment	Individual Responsibility vs. Collective responsibility; The Shoah; Film: <u>The Music Box</u> ; Literature: S. Wiesenthal's <u>The Sunflower</u> ; Preparation and Presentation/Discussion with Shoah survivor, Dora Blaufoux
English	Writing: variety of genre - poetry, personal essay, short story, literary essay Literature: symbolism - Wolf, Gillian Cross Shakespeare - From page to Stage (a play chosen with input from the students)	Writing: Writing Persuasion Literature: continue Shakespeare - preparation for Stratford (text dependent on RSC programming)	Writing: Young Authors Fiction Festival short story contest Literature: Allegory - The Lion the Witch and the Wardrobe, C.S. Lewis Shakespeare - alternative productions of the play (if available)	Writing: Film - 1. Travelogue 2. Documentary Literature: continue Shakespeare - the Shakespeare Journal (trip)
Math 8	Real Numbers Understand irrational numbers; Evaluate square and cube roots; Properties of exponents; Solve multi-step equations and equations with no/infinite solutions; Analyze linear equations $y = mx + b$	Graphs, Functions, Bivariate Data Use functions to model linear and nonlinear relationships; Investigate bivariate data; Construct and Interpret Scatter Plots; Interpret Two-Way Frequency Tables (relative and non-relative)	Linear Equations, Congruence, and Similarity Analyze and solve systems of linear equations; Analyze translations, reflections, rotations, transformations, dilations; Interior and exterior angles of triangles	Pythagorean Theorem, Area, Surface Area, and Volume Understand and apply the Pythagorean Theorem; Find surface area of 3-D figures; Find volume of cylinders, cones, and spheres
Geometry	Probability, Reasoning and Proof Understand independent and conditional probability Compute probability of compound events Represent 3-D drawings in 2-D Use geometric notation Identify congruent figures Create geometric constructions Prove geometric theorems	Parallel/Perpendicular Lines, Triangles Express geometric properties using equations Use coordinates to prove simple geometric theorems algebraically Model with geometry Experiment with transformations in a plane Identify and use corresponding parts Use postulates to prove congruency Use coordinate geometry to prove congruency Use similar triangles to solve problems	Trigonometry, Circles, Polygons Right. triangle relationships Find trigonometric ratios Apply trigonometry to non-right triangles Use trigonometry to problem solve Identify relationships between angles and arcs Use properties of tangent lines Solve problems involving secants and tangents Use graphing calculators and tables Classify quadrilaterals Relate angle measure and sides Express geometric properties using algebra	Similarity/Transformations, Area, Volume Demonstrate similarity using angles and sides Form proportions between known lengths and corresponding sides Transform planer figures Calculate area, perimeter or circumference of polygons and circles Find surface area and volume of prisms, cylinders, pyramids, cones, and spheres

Marymount Atlas online curricula linked to in this document require the following password to access: MMIPcurriculum

Technology/FabLab	<p><u>Applied Digital Skills</u> Collaborativation using GoogleSuite tools, students create a presentation on Technology, Ethics, and Security. Create and Program an Editing Tool with Google Apps Script Creation of a Google Sites Website for Digital Portfolios</p>	<p>Tools of the Trade (Textile Design) Design and Make a LapTop case Using multiple color fabric transfers</p> <p><i>Solutions to Sustainable Development Goals and Challenges</i></p>	<p><u>Digital Citizenship</u> Digital Footprints, Identifying High Quality Sites The Reality of Digital Drama Cyberbullying - Crossing the Line Creator's Rights</p> <p>Coding with <u>SamLabs</u> Using SamLabs block to create solutions for real life problems</p>	<p><u>Product Design (EnAble)</u> Creation of False Hands for Handicapped Children</p>
Science	<u>Energy: Light, Sound, and Wave Dynamics</u>	<u>Biology: Heredity and Genetic Influences</u>	<u>Biology: Species Change and Environmental Impact</u>	<u>Masterpiece Project and Combined Sciences: Weather Systems Models, and Tracking</u>
PE & Games	Preparation, Conditioning, Soccer and Volleyball	Basketball, Badminton, and Handball	Ultimate Frisbee and Tchoukball	Track and Field and Softball/baseball
Personal, Social, and Emotional Health	Taking care of my body: Drug and alcohol awareness Knowing about my body	Growing and Changing - Feelings and Emotions	Making Decisions / Risk Taking Friendships / Relating to Others Bullying	Media Education/ Digital Safety
Social Studies	<u>The Renaissance</u>	<u>The French Revolution Napoleonic Era</u>	<u>The Industrial Revolution</u>	<u>African Kingdoms Scramble for Africa</u>
Art	Sketchbook: Drawing review and practice Marymount 95th Art Project	One point perspective drawing/Painting	Cubism	Pop Art
Music	World Rhythms The identities of cultural music through rhythms	Christmas Concert Preparation Using the rhythms of Africa	Clocks The continued study of rhythms through texture in Western music	Song-writing with word painting and model studies in Art & Pop. Analysing the Beatles through Taylor Swift
French	<p>Level 1 : saluer / se présenter, compter jusqu'à 19, le matériel scolaire, parler de ses goûts, les jours et les mois, les symboles de la France, des tableaux d'artistes français.</p> <p>Level 2 : les passe-temps (loisirs, volonté, obligation, invitations, opinion, heure), Le look</p> <p>Level 3 : faire connaissance, parler de ses goûts, s'informer, le sport, la santé.</p> <p>Francophone : Introduction au théâtre de Molière. La classe des mots- nature et fonction. Le passé-composé et le plus-que-parfait</p>	<p>Level 1 : parler de ses loisirs, parler des lieux de la ville, demander et indiquer son chemin,, Noël, L'Épiphanie</p> <p>Level 2 : ma chambre (pièces, déco, localisation), les gourmets (nourriture, courses, quantité, besoin, fréquence), Noël, Galette, le passé composé.</p> <p>Level 3 : parler de la télévision, demander/donner/refuser une autorisation, les projets et l'avenir professionnel.</p> <p>Francophone : Le médecin malgré lui (Molière). Phrase simple et phrase complexe. L'accord du participe passé avec Etre et Avoir</p>	<p>Level 1 : Décrire des personnes, le carnaval, la Saint-Valentin, parler de sa famille et de ses amis, parler de sa culture, des caractéristiques d'un pays, la météo et la géographie de la France.</p> <p>Level 2 : les gourmets (nourriture, courses, quantité, besoin, fréquence), Le shopping (prix, nombres, demander infos, expliquer), le passé composé, Pâques.</p> <p>Level 3 : raconter ses vacances, comparer, raconter un fait divers avec précisions.</p> <p>Francophone : Le médecin malgré lui (Molière), Subjonctif et conditionnel.</p>	<p>Level 1 : proposer, accepter ou refuser une proposition, l'heure, l'emploi du temps, donner des instructions et des conseils, les vacances, exprimer un souhait, les animaux préférés</p> <p>Level 2 : le shopping (prix, nombres, demander des infos, expliquer), enquêtes (indications, marqueurs de temps, faits divers), le passé composé</p> <p>Level 3 : décrire un itinéraire, une région, un séjour, parler du climat.</p> <p>Francophone : Extraits de textes variés. Impératif et Passé-simple.</p>