

Thomas Jefferson Middle School IB MYP Subject Overviews: What do we learn?

Year One (6th Grade) Units											
Subject	September	October	November	December	January	February	March	April	May	June	
Arts (Visual)	Bookbinding: Create a Sketchbook	Observation and Transformation Drawing	Clay: Slab and Pinch, emojis, animals and emotions	Painting: Tints and Shades	Shadow Puppets	Drawing: Line and Perspective	Paper Mache Birds	Endangered Animal Portraits in pastel	Express Yourself (Printmaking)		
Arts (Band and Orchestra)	Developing Positive Habits to Support Musical Success		Performing with Technical Accuracy		Moving from the Technical to the Intellectual Aspects of Performance			Demonstrating and Expressing Emotion through Ensemble Performance			
Arts (Theater)	Building an Ensemble		Tableau		Greek Theater		Building an Ensemble		Tableau		
Design (Families & Consumer Sciences)	Families	Cooking Fundamentals	Babysitting	Sewing	Money Management	Families	Cooking Fundamentals	Babysitting	Sewing	Money Management	
Design Technology (Introduction to Technology)	Straw Bridge Design		Digital Imaging		2D and 3D CAD Design	Urban Design	Straw Bridge Design		Digital Imaging	2D and 3D CAD Design	
Design (Technology)	Keyboarding					Keyboarding					
Individuals & Societies	Introduction to Geography and Early American Indians	European Exploration/Colonial America	Colonial America/American Revolution	American Revolution	Our New Nation & the Constitution	Westward Expansion	Abolition & the Civil War		Federal Gov't/State Government		
Language Acquisition (American Sign Language)	Myself and My Family		My School and My Society		My House and Community		My World and the Environment		Festivals and Food		
Language Acquisition (Arabic)	Myself and My Family		My School and My Society		My House and Community		My World and the Environment		Festivals and Food		
Language Acquisition (Chinese)	Myself and My Family		My School and My Society		My House and Community		My World and the Environment		Festivals and Food		
Language Acquisition (Latin)	Classical Mythology and Research Skills			Early Roman History			Parts of the Body		Astronomy and Zodiac Myths		
Language Acquisition (Spanish 6 Transitional)	Description of Home: Outside, Inside, Chores				Food: Breakfast, lunch, dinner and fruits				Daily Routines		
Language Acquisition (Introduction to Spanish)	Greetings	School Life	The Family		The Neighborhood				Likes and Dislikes		
Language Acquisition (Introduction to Spanish for Fluent Speakers)	Greetings and Families		How we live?		Schools		Animals		Meals and Celebrations		
Language Acquisition (Introduction to French)	Self and friends		Family				Sports & activities				
Language and Literature (ELA)	Personal Narrative		Stake Your Claim			There's One Born Every Minute	DIY Fiction	Poetry	Personal Profile		
Language and Literature (Reading 6)	I am a Lifelong Reader	Characters in Conflict		Nonfiction: Not Just the Facts!			Reading to Inspire Action		Reading in Math		
Mathematics (Math 6)	Integers & Coordinate Plane	Operations with Fractions			Ratio & Proportional Reasoning		Equations & Inequalities	Geometry 1: Perimeter, Area, and Circles	Circle Graphs and Measures of Center		Budget Project
Physical and Health Education (Note order of these units vary by teacher)	Fitness Testing	Team Sports - Flag Rugby	Team Sports - Floor Hockey	Health	Ultimate Frisbee	Net Sports - Badminton	Health - Substance Abuse	Multicultural Games	Team Sports - Soccer	Team Sports - Flag Football	
Sciences	Astronomy		Energy	Energy/Safety and Measurement	Chemistry	Scientific Method/Weather		Science Fair		Watersheds	
Year Two (7th Grade) Units											
Subject	September	October	November	December	January	February	March	April	May	June	
Arts (Band and Orchestra)	Developing Positive Habits to Support Musical Success		Performing with Technical Accuracy		Moving from the Technical to the Intellectual Aspects of Performance			Demonstrating and Expressing Emotion through Ensemble Performance			
Arts (Visual)	Introduction and Sketchbook Making	Drawing Unit: Values and Composition	Ceramics	Drawing Perspective	African Art Masks	Introduction and Sketchbook Making	Drawing Unit: Values and Composition	Ceramics	Drawing Perspective	African Art Masks	
Arts (Theater)	Building an Ensemble		Pantomime		Monologue Performance	Film Making and Festival	Building an Ensemble		Pantomime	Monologue Performance	
Design (Families & Consumer Sciences)	Families	Cooking Fundamentals	Babysitting	Sewing	Money Management	Families	Cooking Fundamentals	Babysitting	Sewing	Money Management	
Design (Digital Input Technologies)	Exploring Digital Input Technologies Mix		Career Unit		Photoshop/Moive Maker		Exploring Digital Input Technologies Mix		Career Unit	Photoshop/Moive Maker	
Design (Inventions and Innovations)	2D and 3D CAD Design	Transportation	Guitar Making		Urban Design	2D and 3D CAD Design	Transportation	Guitar Making		Urban Design	
Design (Investigating Computer Science)	Technology in Careers & Computer hardware	Computer software, Problem solving	Programming basics	Game Development in Scratch	Programming with Python				Career Readiness		
Individuals & Societies	Review 6th Grade Content/Reconstruction Extending Citizenship to Freedmen	An Expanding Nation Leads to Expansion of Citizenship	Progressives - How Citizens Influence Government	Civil Rights Movement - Citizens work for Justice	Rise of Big Business and Government's Expanding Role in the Economy	Changing Role of the US in the World: Imperialism and WWI	Boom to Bust: Role of Government Expands	WWII Broadens the Role of the US in the World	Cold War - The US Becomes a Superpower	Civil Rights	
Language Acquisition (American Sign Language)	Greetings		In the Class		The Family		Pastimes		Vacations		
Language Acquisition (Arabic)	Greetings		In the Class		The Family		Pastimes		Vacations		
Language Acquisition (Chinese)	Greetings		In the Class		The Family		Pastimes		Vacations		
Language Acquisition (Spanish I)	Greetings		In the Class		The Family		Pastimes		Vacations		
Language Acquisition (Spanish for Fluent Speakers I)	Identity and Belonging	Personal well-being			Science and Technology			Contemporary life			
Language Acquisition (French II)	Who am I?	Leisure activities		School & after school		Sports		The Family		Storybook Writing	
Language Acquisition (Latin I)	Classical Mythology and Research Skills		Roman Heroes and Research Skills		Public Entertainment and Latin Compositions			Social Roles and Narrative Writing			
Language and Literature	Reading Like a Writer		Words Power Persuasion		Activism Letter Writing		Finding a Love of Reading		Slam Poetry		
Mathematics (Pre-Algebra)	Integer Operations & Coordinate Plane	Expression, Equations, Inequalities			Ratios, Proportional Reasoning & Linear Functions		Real Numbers / Coordinate Plane & Transformations	Geometry		Probability	Data & Statistics
Mathematics (Intensified Algebra)	Expression & Laws of Exponents/ Solving Equations	Functions/ Writing & Graphing Linear Equations			Systems of Equations	Linear Inequalities and Systems of Inequalities	Radicals	Polynomials & Factoring		Quadratics	Geometry Extensions
Mathematics 7	Rational Number Sense and Algebraic Thinking		Algebraic Expressions, Equations, Inequalities	Proportional Reasoning	Slope and Linear Function	Probability and Statistics	Volume & Surface Area	Powers of Ten and Scientific Notation	Quadrilaterals	Transformations	
Physical and Health Education (Note order of these units vary by teacher)	Fitness Planning	Team Sports - Rugby	Health	Net Sports - Volleyball	Team Sports - Team Handball	Health	Fitness Planning	Health	Multicultural Games	Health and Nutrition	
Sciences	Ecology		Cells	Cell Processes	DNA/Genetics		Classification (Animal/Plant Phyla)				
Year Three (8th Grade) Units											
Subject	September	October	November	December	January	February	March	April	May	June	
Arts (Performing)	Developing Positive Habits to Support Musical Success		Performing with Technical Accuracy		Sight Reading	Moving from the Technical to the Intellectual Aspects of Performance		Demonstrating and Expressing Emotion through Ensemble Performance			
Arts (Theater)	Building an Ensemble		Group Scene		Theater Design/Playwriting	Improvisation	Building an Ensemble		Group Scene	Theater Design/Playwriting	
Design (Families & Consumer Sciences)	Families	International Foods	Nutrition/Baby Sitting	Sewing	Interior Design	Families	International Foods	Nutrition/Babysitting	Sewing	Interior Design	
Design (Computer Applications and Internet Technologies)	Computer Basics	Internet Cloud Services and the World Wide Web	Digital Life Style	Microsoft Office Suite and Photoshop		Computer Basics	Internet Cloud Services and the World Wide Web	Digital Life Style	Microsoft Office Suite and Photoshop		
Design (Technology of Robotics)	The Design Process		Mechanical Systems		CAD and 3D Modeling	Electronics	Programming	Integrated Systems and Assembly		Capstone Project	
Design (Technological Systems)	Structural Design and Testing	Electricity and Electronics	2D and 3D CAD Design/Printing	Urban Design	Transportation	Structural Design and Testing	Electricity and Electronics	2D and 3D CAD Design/Printing	Urban Design	Transportation	
Individuals & Societies (World Geography)	Introduction to WG					Legacies of Colonialism					
Language Acquisition (American Sign Language)	The Holidays		Shopping		Daily Routines			Food		Parties	
Language Acquisition (Arabic)	The Holidays		Shopping		Daily Routines			Food		Parties	
Language Acquisition (Chinese)	The Holidays		Shopping		Daily Routines			Food		Parties	
Language Acquisition (Spanish II)	The Holidays		Shopping		Daily Routines			Food		Parties	
Language Acquisition (Spanish for Fluent Speakers II)	Identity and Belonging			Community Well-being		Science and Technology		Contemporary Life			
Language Acquisition (French II)	Review	Clothing & food shopping			At Home		Paris	Healthy Body and World		Summer Holidays	
Language Acquisition (Latin II)	Classical Mythology and Creative Writing				Ancient Religions			Ancient Science and Medicine		Latin Composition and Storytelling	
Language and Literature (ELA)	Memoir	World of Water		Shakespeare Lives!		Family Migration	What a Wonderful World	Poetry	Podcast - Tell Your Story		
Mathematics - (International Algebra)	Expression & Laws of Exponents/ Solving Equations	Functions/ Writing & Graphing Linear Equations			Systems of Equations	Linear Inequalities and Systems of Inequalities	Radicals	Polynomials & Factoring		Quadratics	Geometry Extensions
Mathematics - (Geometry)	Introduction to Geometry	Intro to Proof & Parallel Lines	Congruent Triangles	Relationships in Triangle	Similar, Right Triangles, and Trigonometry	Quadrilaterals	Circles	Area & Volume	Coordinate Geometry	Constructions	
-Pre-Algebra	Integer Operations & Coordinate Plane	Expression, Equations, Inequalities			Ratios, Proportional Reasoning & Linear Functions		Real Numbers / Coordinate Plane & Transformations	Geometry		Probability	Data & Statistics
Physical and Health Education (Note order of these units vary by teacher)	Fitness Testing/Team Sports - Flag Football	Health: Social and Emotional	Net Sports - Volleyball	Net Sports - Badminton	Team Sports - Team Handball	Team Sports - Basketball	Team Sports - Floor Hockey and Recreational games: Scooter Ball		Health: Nutrition	Team Sports - Soccer	
Sciences	Energy	Atoms	Measuring Matter	Periodic Table, Bonding and Reactions		Electricity and Magnetism		Sound & light waves	Force & motion		