

Grade 8				
	ELA	Math I-Ready for Families	Science SEPUP Program	Social Studies 1940-1991 The Cold War
August	24-25 Lessons, subject to change for 25-26 Ongoing: Students utilize Lexia for Vocabulary, grammar and comprehension <i>12 Angry Men:</i> Students read/acted out <i>12 Angry Men</i> while participating in class discussion and completing vocabulary work <i>The Monsters Are Due On Maple Street:</i> Reading and discussion about story	Diagnostic	Chemistry of Materials Units Include: Exploring materials Investigating Element Physical and Chemical Properties of Materials Determining Density Evaluating Properties of Materials Modeling Molecules Structure and Properties of Materials What's in a State?	Locally Built Lessons Aligned with Maine learning results.
September		Unit 1 Geometric Figures: Rigid Transformations and Congruence		WWII: How did America initially respond to the events leading to WWII?? How did the war transform the U.S. economy, culture and society, both immediately and in the long term? Postwar Politics
October		Unit 2 : Geometric Figures: Transformations, Similarity, and Angle Relationships		
November		Unit 3: Linear Relationships:		
December				

January	Independent Book Project- choice of Novels from the ERA of WWII to coincide with WWII Unit in SS. Reading Groups and Lexia.	Slope, Linear Equations, and Systems	Chemical Reactions Units Include: Producing Circuit Boards Evidence of Chemical Change Physical Changes and Chemical Reactions Chemical Reactions at the Molecular Scale Physical or Chemical Change	and The Cold War: What fears led the United States into the Cold War
February		Unit 4: Functions: Linear and Nonlinear Relationships		Civil rights: Education, Voters Rights Segregation
March		Unit 5: Integer Exponents: Properties and Scientific Notation		The Vietnam War: What calculations led US leaders to intervene in Vietnam and defend their positions there despite private doubts and public dissent?
April	Research Unit: Contact Sports, Worth the Risk? Ongoing research on variety of Articles and Video sharing the two sides of the danger of contact sports	Unit 6: Real Numbers: Rational Numbers, Irrational Numbers, and the Pythagorean Theorem	Force and Motion Units Include Measuring and Graphing Speed Speed and Kinetic Energy Mass and Kinetic Energy Quantifying	1970s-1990's Social, political and technological changes
May	Independent Writing			
June	Independent Book Project			
	May Term instruction at FA	Unit 7: Statistics: Two-Variable Data and Fitting a Linear Model		

			Kinetic Energy Newton's Laws of Motion Newton's Third Law Collisions and Changes in Motion	
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