

NPES 6th GRADE SCOPE AND SEQUENCE 2018-2019 SCHOOL YEAR

Subjects	Science Pete Tortorici	Math Rhodi Hotaling	Social Studies Mary Wells	Language Arts (Writing) Melissa Payne	Language Arts (Reading) Melissa Payne
Materials Used	<i>KnowAtom</i>	<i>Everyday Math</i>	<i>World History Holt, Reinhardt, and Winston</i>	<i>Units of Study in Argument, Information, and Narrative Writing: A Common Core Workshop Curriculum - Lucy Calkins</i>	<i>Units of Study for Teaching Reading: A Workshop Curriculum, Middle School Grades - Lucy Calkins</i>
August/September	Gravity and Motion Atoms & Molecules	Unit 1 Displays and Number Systems. Statistical questions, dot plots, mean, median, mode, histograms, analyzing graphs, integers, fraction number lines	Unit 1: Ancient Civilizations: China, Greece, and Rome : Geography	Literary Essay - Argument Writing Unit of Study	A Deep Study of Character Book Club Unit
October		Unit 2 Fraction Operations and ratios. GCF, LCM, fraction multiplication models, fraction division models, beginning of ratios	Unit 1: Ancient Civilizations: China, Greece, and Rome : History		
November	Satellites	Unit 2 continued. Tape diagrams and ratios, rate tables, graphing ratios. Unit 3 Decimals and percents. place value, addition, subtraction, multiplication, and division of decimals	Unit 1: Ancient Civilizations: China, Greece, and Rome : Government	Fantasy Short Story - Fiction Writing Unit of Study	The Hobbit - Novel Study Unit
December	Climate & Human Activity Landforms	Unit 3 continued. Percent, finding percents, percents and ratios, box plots	Unit 1: Ancient Civilizations: China, Greece, and Rome : Economics		
January Q2		Number system Project for math mania night	Unit 1: Ancient Civilizations: China, Greece, and Rome : Culture	Research-Based Essays (Influential Figure and Related Subtopic) - Information Writing Unit of Study	Adventure Book Club Unit

<p>January Q3/ February</p>	<p>Biodiversity Cells and System</p>	<p>Unit 4 Algebraic Expressions and equations. parentheses, order of operations, expressions and patterns, equations, distributive property, inequalities, absolute value, mean absolute deviation</p>	<p>Unit 2: Middle Ages around the World: Europe, Middle East, China, Japan, Americas, Africa</p>	<p>Research-Based Essays (Influential Figure and Related Subtopic) - Information Writing Unit of Study</p>	<p>Adventure Book Club Unit</p>
<p>March</p>		<p>Unit 5 Area and Volume Explorations. area of polygons and triangles, 3D shapes, nets, surface area, volume</p>		<p>Personal Narrative - Narrative Writing Unit of Study</p>	<p>Free Choice Novel Study and Book Talk Speech</p>
<p>April</p>	<p>Forests</p>	<p>Unit 6 Equivalent expressions and solving equations. solve equations by trial and error, solutions, pan balance, combining like terms, inverse operations</p>	<p>Unit 3: Early Modern World: Renaissance, Reformation, Scientific Revolution, Age of Exploration, Columbian Exchange, Enlightenment</p>	<p>Poetry Writing Unit</p>	<p>Social Issues Book Club Unit</p>
<p>May/ June</p>	<p>Civil Engineering</p>	<p>Unit 7 Variables and algebraic relationships. inequalities, spreadsheets, unit rates, equation/table/graph relationships, independent and dependent variables, change, mystery graphs</p>			