

NPES 1st GRADE SCOPE AND SEQUENCE 2018-2019 SCHOOL YEAR

Subjects	Science	Math	Social Studies	Language Arts	Shining Moment	Service Learning	Technology
Materials Used	<i>Materials from STEMscopes curriculum- online resources</i>	<i>Everyday Math, EDM 4 (pacing is approximate)</i>	<i>Harcourt Social Studies, 2010</i>	<i>Fountas and Pinnel Continuum and Daily 5 and CAFE, Lucy Caulkins Reading and Writing Workshop</i>			
August/ September	Sound- Wave Properties: Sound can make matter vibrate, and vibrating matter can make sound. Plan and conduct investigations to provide evidence that vibrating materials can make sound and that sound can make materials vibrate.	Unit 1: Counting	Geography Review, Unit 1: Rules and Laws	Building Good Reading Habits and Word Detectives (Reading) / Small moment narrative writing and writing reviews		Project Generations 3rd Grade; Reading Buddies, all year. Write introductory letters to buddies	Identify basic parts of the iPad(Search, Camera, Volume, Home Key, etc), basic iPad vocabulary, and basic rules for iPad use and care.
October	Unit 2: Introducing Addition	"All Old Folks Are Not the Same" - lessons 1-6 leading up to the field trip. Visit buddies for Halloween				Develop use of Seesaw, Project Based Learning, and Portfolio building. Introduce the function of special keyboard keys such as shift, delete, spacebar	
November	Behavior of Light- Make observations to construct an evidence-based account that objects can be seen only when illuminated. - Plan and conduct an investigation to determine the effect of placing objects made with different materials in the path of a beam of light.	Unit 3: Number Stories	Unit 2: Where People Live			"How Old is Old?" Lessons 1-2 Portraits of Myself and My Older Friends. Send letter to buddies for Thanksgiving / Holidays	Introduce electronic resources for information

December	Behavior of Light- Make observations to construct an evidence-based account that objects can be seen only when illuminated. - Plan and conduct an investigation to determine the effect of placing objects made with different materials in the path of a beam of light.	Unit 4: Length and Addition Facts	Unit 3: Meeting People	Reading and writing non-fiction books		"How Old is Old?" Continue Lesson 1-2 and then do lesson 3. "Portraits of Myself and My Older Friends", "People Portrait Collage." Send letter to buddies for Thanksgiving / Holidays	Participate in Hour of Code with assistance from 4th or 5th grade
January (Q2)	Parts of Animals- The student is expected to use materials to design a solution to a human problem by mimicking how plants and/or animals use their external parts to help them survive, grow, and meet their needs.	Unit 5: Place Value and Comparisons				"Making Sense of Sensory Changes" Lesson 1-2	iPads for biographies for Patriotic Fair
January Q3/ February	Parts of Plants -The student is expected to use materials to design a solution to a human problem by mimicking how plants and/or animals use their external parts to help them survive, grow, and meet their needs. - The student is expected to ask questions, make observations, and gather information about a situation people want to change to define a simple problem that can be solved through the development of a new or improved object or tool.	Unit 6: Addition Fact Strategies	Unit 4: We Love Our Country	Reading Fluency, comprehension and phonics	Patriotic Fair	"How Old is Old?" Lesson 4 Interview an Older Friend (on field trip). Visit buddies for Valentine's Day	iPads for biographies for Patriotic Fair

March	<p>Animal/Plant Survival- The student is expected to use materials to design a solution to a human problem by mimicking how plants and/or animals use their external parts to help them survive, grow, and meet their needs.</p> <p>-The student is expected to develop a simple sketch, drawing, or physical model to illustrate how the shape of an object helps it function as needed to solve a given problem.</p>	Unit 7: Subtraction Fact Strategies and Attributes of Shapes	Unit 5: Our Changing World	Reading Fluency, comprehension and phonics		"Making Sense of Sensory Changes" Lesson 3-5	
April	Patterns in Space- The student is expected to use observations of the sun, moon, and stars to describe patterns that can be predicted.	Unit 8: Geometry	Unit 6: The Marketplace	Reading-Meeting Characters and Learning Lessons: A Study of Story Elements Writing Fiction		"Making Sense of Sensory Changes" Lessons 6-9	
May/ June	Seasonal Patterns- The student is expected to make observations at different times of year to relate the amount of daylight to the time of year.	Unit 9: Two-Digit Addition and Subtraction Review				Visit buddies for end of the year celebration	