

NPES 4th GRADE SCOPE AND SEQUENCE 2018-2019 SCHOOL YEAR

Subjects	Science	Math	Social Studies	Language Arts	Shining Moment	Service Learning	Technology
Materials Used	STEMscopes	<i>Everyday Math, McGraw-Hill Education, 4th Edition (pacing is approximate)</i>	<i>Teach TCI. Teacher Created Materials. Chicago History Museum Resources.</i>	<i>Reading Workshop Units of Study. Writing Workshop Units of Study. Vocabulary from Classical Roots. Grammar Minutes.</i>			
August/ September	Renewable and Non-renewable resources	Unit 1: Place Value; Multidigit Addition and Subtraction (complete, ≈16 days)	Introduction to themes (geography, history, economics, government, and culture). Identity: My community, personal collage.	Reading Workshop Unit 1: Interpreting Characters: The Heart of a Story. Bend 1: "Establishing a Reading Life." Writing Workshop Unit 1: The Arc of a Story: Writing Realistic Fiction. Word Study Unit 1: "Good Sense Across the Grades" Roots: grad and sens. The adverb suffix -ly. Unit 2: "Moving Toward Numbers" mot and numer. The adjective suffix - ful. Grammar: Sentence/Fragments, subjects, predicates, compound predicates, declarative sentences, interrogative sentences, imperative sentences, and exclamatory sentences.		Introduce the Local Heroes project	Reinforce keyboarding skills. Take care of iPads overnight by fully charging them and keeping them secure. Use the Internet to find information

<p>October</p>	<p>Energy and Speed</p>	<p>Unit 2: Multiplication and Geometry (complete, ≈16)</p>	<p>Geography: NPES map around Montrose and Damen and "How does our location impact the school? Geography: My house map, My intersection, How does this impact my life?</p>	<p>Reading Workshop Unit 1: Interpreting Characters: The Heart of a Story. Writing Workshop Unit 1: The Arc of a Story: Writing Realistic Fiction. Word Study: Unit 3: "Delighted With Questions" Roots: deli and ques. The suffix - ful. Unit 4: Review of Units 1-3. Grammar: Run-on sentences, complete sentences/fragments review, subjects and predicates review, types of sentences review, run-on sentences review, common nouns, proper nouns, and common/proper nouns.</p>		<p>Gigi's Playhouse Speaker</p>	<p>Receive and submit assignments via Schoology. To start collecting a portfolio of work that they can highlight their learning.</p>
<p>November</p>	<p>MERGE Transfer of Energy in Collision and Energy & Collision</p>	<p>Unit 3: Fractions and Decimals (complete, ≈16 days)</p>	<p>History: How did I get here? Family interviews. Why do we live where we live? History: Timelines Cause and Effect.</p>	<p>Reading Workshop Unit 2: Reading the Weather, Reading the World. Writing Workshop Unit 3: Personal and Persuasive Essays. Word Study: Unit 5: "Studying for a Part" Roots - part and studi. The noun suffix -ness. Unit 6: "Different Ways to Serve" Roots: serv and vari. The adjective suffix -ous. Grammar: Plural nouns, singular and plural nouns, irregular plural nouns, singular possessive nouns, plural possessive nouns, subject pronouns, object pronouns, common and proper nouns review, singular and plural nouns review.</p>		<p>Gigi's Playhouse Visit - November 2nd?</p>	<p>Expand their use of iPad apps to include website builders such as Weebly and Wordpress.</p>

<p>December</p>	<p>Energy & Electric Currents</p>	<p>Unit 3 cont: Fractions and Decimals (complete, ≈16 days) Unit 4: Multidigit Multiplication (complete, ≈16)</p>	<p>Economics: Walk down Montrose. What businesses do you see? Who works there? Why are these places where they are? Who pays for these businesses? Economics: Interview a business owner. How would you define economics?</p>	<p>Reading Workshop Unit 2: Reading the Weather, Reading the World. Writing Workshop Unit 3: Personal and Persuasive Essays. Word Study: Unit 7: "Finishing Easily" Roots: eas and fin. Suffixes -er/est. Unit 8: Review of Units 5-7. Grammar: Irregular plural nouns review, singular and plural nouns review, pronoun review, verbs, verb tense, past verb tense, future verb tense, and irregular verb tense.</p>			<p>Independently select and use both print and electronic sources for gathering information. Understand online ethics (cyber bullying) and plagiarism</p>
<p>January Q2</p>	<p>Motion of Waves / Wavelength & Amplitude</p>	<p>Unit 4 cont: Multidigit Multiplication (complete, ≈16 days) Unit 5: Fraction and Mixed-Number Computation; Measurement (complete, ≈16 days)</p>	<p>Government: How is NPES governed? Making a change to solve a problem. How is the neighborhood governed? Alderman speaker. Government: What are some issues facing our community? Ask our alderman: How can the people and the government solve local problems?</p>	<p>Reading Workshop Unit 3: Reading History. Writing Workshop Unit 3: Bringing History to Life. Word Study: Unit 9: "Special Families" Roots: famil and speci. The verb suffix -fy/ify. Lesson 10: "Action in Office" Roots: act and offic. The adjective suffix -ate. Grammar: Linking verbs, helping verbs, verb review, verb tense review, irregular verb review, subject-verb agreement, linking and helping verbs review, adjectives, adjectives: comparative and superlative, and adverbs.</p>		<p>Speaker - 47th Ward Alderman. What action can we take in the neighborhood?</p>	<p>Begin to build a works cited page.</p>

**January Q3/
February**

Cont: Wavelength & Amplitude / Light Reflection

Unit 5 cont: Fraction and Mixed-Number Computation; Measurement (complete, ≈16 days)
Unit 6: Division; Angles (complete, ≈16 days)

Chicago Flag and Symbolism Writing Prompt: If Chicago's flag had a fifth star, what would it be? Fort Dearborn.

Reading Workshop Unit 3: Reading History. Writing Workshop Unit 3: Bringing History to Life. Word Study: Lesson 11: "Taking What is Stated" Roots: capt and stat. The verb suffix -ate. Lesson 12: Review of Units 9-11. Grammar: Prefixes, suffixes, commas, abbreviations, adjectives review, adverbs review, prefixes and suffixes, review, commas review, and abbreviations review.

Ward Action. Veteran's Day Veterans Visit

March

Plant & Animal Parts / Sense Receptors

Unit 6 cont: Division; Angles (complete, ≈16 days) Unit 7: Multiplication of a Fraction by a Whole Number; Measurement (complete, ≈16)

Chicago Fire, World's Fair, and Chicago's Role in Illinois.

Reading Workshop Unit 4: Historical Fiction Book Clubs. Writing Workshop Unit 4: The Literary Essay. Word Study: Unit 13: "Grateful for Classes" Roots: class and grat. The noun suffix -tude. Unit 14: Likely to Be Well Organized" Roots: organ and prob. The noun suffix -ist. Grammar: Compound words, contractions, synonyms, antonyms, homophones, to/too/two, there/their/they're, your/you're, and good or well.

LaBagh Woods speaker

<p>April</p>	<p>Rock Patterns / Plate Tectonics</p>	<p>Unit 7 cont: Multiplication of a Fraction by a Whole Number; Measurement (complete, ≈16) Unit 8: Fraction Operations; Applications (complete, ≈16)</p>	<p>Chicago Fire, World's Fair, and Chicago's Role in Illinois.</p>	<p>Reading Workshop Unit 4: Historical Fiction Book Clubs. Writing Workshop Unit 4: The Literary Essay. Word Study: Unit 15: "Locating Technical Skills" Roots: loc and techn. Unit 16: Review of Units 13-15. Grammar: Affect/effect, accept/except, compound words review, contractions review, synonyms/antonyms /homophones review, to/too/two review, their/there/they're review, good or well review, affect/effect review, and accept/except review.</p>		<p>LaBagh Woods visit</p>	
<p>May/June</p>	<p>Natural Processes</p>	<p>Unit 8 cont: Fraction Operations; Applications (complete, ≈16)</p>	<p>Illinois geography, history, economy, culture, and government.</p>	<p>Reading Workshop Unit 4: Historical Fiction Book Clubs. Writing Workshop Unit 4: The Literary Essay. Word Study: Review Unit. Grammar: Loose/lose, chose/choose, its/it's, than/then, negatives, a/an/the, prepositions, loose/lose review, chose/choose review, than/then review, it's/its review, articles review, prepositions review.</p>			