



Icahn Charter School 5
2026-2027 Icahn Charter Schools Monthly Syllabus
OWN IT LIKE ICAHN 5



October 2026
KINDERGARTEN

Language & Literacy

Wit & Wisdom	Comprehension Skills & Strategies	Grammar	Phonics & Vocabulary
<ul style="list-style-type: none">My Five Senses, AlikeMy Five Senses, Margaret MillerRap A Tap Tap, Leo Dillon and Diane DillonNYS Standards: Standards: RL.K.1, RL.K.4, RL.K.6	<p>Skills: Recognize and describe the five senses and related body parts. Identify rhyme and repetition within texts. Describe the use of color and shape in visual art.</p> <p>Strategy: Use a combination of drawing, dictating, and writing to respond to a prompt to supply information about a topic. Collect evidence from the texts and use it to support responses to a prompt. Produce and expand sentences using details from the text.</p>	<ul style="list-style-type: none">Beginning soundsRhyming words	<p>Phonics</p> <ul style="list-style-type: none">Letters and letter sounds, letter formation /c/, /o/, /a/, /g/, /e/, /s/Match beginning sounds.

Process-Based Writing

Genre	Writing Traits & Conventions
<p>Narrative Writing</p> <p>NYS Standards: K.W.1</p>	<ul style="list-style-type: none">Use a combination of drawing, dictating, and writing to respond to a prompt to supply information about a topic.Produce and expand sentences using details from the text

Mathematics

Unit Topic	Big Ideas	Models/Strategies
Unit 2 Numbers 1-10 NY-K.CC.1 NY-K.CC.2 NY-K.CC.3	<ul style="list-style-type: none">Know number names and the count sequenceCount to tell the number of objectsCompare numbers	<ul style="list-style-type: none">Use 5 frames to represent numbers.Compare the number of objects or images.Counting skills and concepts.Pattern cubes and 5 frames to connect different representations of the same number.

Science

- Our Five Senses
- Students will use their five senses to dive deeper into the natural world (cont).
- Needs of plants and Animals

Core Knowledge

Cultural Celebrations

History & Geography	Visual Arts/Music	Daily/Monthly Observances & Celebrations
<ul style="list-style-type: none">Unit 2: Individual development and cultural identity	<ul style="list-style-type: none">Hispanic Heritage Month Celebration: In Focus: Rafael LópezNative American Totem PolesFrank Stella: Abstract Art	<p>Hispanic Heritage Month Italian-American Heritage Month Indigenous Peoples' Day Halloween</p>



October 2026 FIRST GRADE

Language & Literacy

Wit & Wisdom	Comprehension Skills & Strategies	Grammar	Phonics & Vocabulary
<ul style="list-style-type: none">Waiting for the Biblioburro, My Librarian is a Camel, Green Eggs and Ham.NYS Standards: RI.1.1, RI.1.1, RI.1.2, RI.1.3, , RI.1.7	Skills & Strategy: Asking and answering questions about both informational and literature text, Retelling stories.	<ul style="list-style-type: none">Common, proper, possessive nouns, adjectives, complete simple and compound declarative, interrogative, imperative, and exclamatory sentences, end punctuation.	High Frequency Words <ul style="list-style-type: none">the, and, a, his, is, of as ,into, she, for, has, we, be, or, to, be, me Phonics <ul style="list-style-type: none">3 letter CVC words, 4 letter CCVC and CVCC words.

Process-Based Writing

Genre	Writing Traits & Conventions
<p>Narrative Writing</p> <p>NYS Standards: W.1.5, W.1.3</p>	<ul style="list-style-type: none">Complete sentences, proper ending punctuation

Mathematics

Unit Topic	Big Ideas	Models/Strategies
<p>Addition and Subtraction Story Problems</p> <p>NYS Standards: 1.OA.1, 1.OA.2, 1.OA.3, 1.OA.4, 1.OA.5, 1.OA.6,1.OA.7, 1.OA.8, 1.NBT.1</p>	<ul style="list-style-type: none">Solve new types of story problems within 10 using the relationship between addition and subtraction.Develop an understanding of the meaning of the equal sign.Connect story problems to equations.	<ul style="list-style-type: none">Adding in any orderWrite an expression to represent the action in a story problem.Introducing counting on strategies.

Science

- Sun, Moon, & Stars
- The ongoing exploration of the patterns of objects in the sky allows students to make predictions about the sun, moon, and stars. (cont)
- Plant and Animal Survival

Core Knowledge

Cultural Celebrations

History & Geography	Visual Arts/Music	Daily/Monthly Observances & Celebrations
<ul style="list-style-type: none">Unit 2: Families, Now & Long Ago	<ul style="list-style-type: none">Hispanic Heritage Month Celebration: In Focus: Rafael LópezNative American Totem PolesFrank Stella: Abstract Art	<p>Hispanic Heritage Month</p> <p>Italian-American Heritage Month</p> <p>Indigenous Peoples' Day</p> <p>Halloween</p>



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October 2026
SECOND GRADE

Language & Literacy

Wit & Wisdom	Comprehension Skills & Strategies	Grammar	Phonics & Vocabulary
Module 1: A Season of Change ◦How Do You Know It's Fall?, Lisa H. ◦Why Do Leaves Change Color?, Betsy M. ◦Sky Tree, Thomas L. ◦The Little Yellow Leaf, Carin B. ◦A Color of His Own, Leo L. NYS Standards: RL.2.2, RI.2.1, W.2.5, SL.2.1	Skills: ◦ Defining <i>change</i> as the process of becoming different than before. Strategy: ◦ Questioning to clarify understanding of a new text. ◦ Recounting stories, including details about character, setting, problem, and resolution. ◦ Reading orally with accuracy and fluency to support understanding.	◦ Students use adjectives to provide detail in speaking and writing. ◦ Students identify, form, and expand simple and compound sentences. ◦Students use sentence-level context to determine the meaning of unfamiliar words.	High Frequency Words: ◦ again, better, knew, many, think, tell, few, why, upon Phonics: ◦ Glue Sounds: all, am, ang, ing, ong, jung, ank, ink, onk, unk, ild, ind, old, ost, olt ◦ R-Controlled Vowels: ar, er, ir, or, ur ◦Vowels teams: ai, ay, ee, ea ey

Process-Based Writing

Genre	Writing Traits & Conventions
Informative Writing NYS Standards: W.2.2, W.2.5, W.2.8	◦Students learn to write informative paragraphs that state a topic, develop it with evidence, and conclude by reinforcing the topic in a conclusion. ◦ Students will organize and choose text evidence to respond to a prompt. ◦ With guidance from adults and peers, students will revise writing to strengthen it as needed.

Mathematics

Unit Topic	Big Ideas	Models/Strategies
Adding & Subtracting within 100 NYS Standards: MD.D.10, 2.NBT.B.5, 2.OA.B.2	◦Add and Subtract ◦Decompose to Subtract ◦Represent and Solve Story Problems	◦ Introducing decomposing strategies. ◦ Solve 1 and 2 step story problems with adding and subtracting within 100. ◦ Adding or Subtracting within 100 using place value strategies ◦ Properties of Operations

Science

- Unit: Exploring Land and Water: Learning about landforms and investigating how wind and water shape the land

Core Knowledge		Cultural Celebrations
History & Geography	Visual Arts/Music	Daily/Monthly Observances & Celebrations
◦Unit 1: Our Communities Geography -Students learn about Location, Physical Features of places, Human Characteristics of Places , and Humans and the Environment	◦ Hispanic Heritage Month Celebration: In Focus: Rafael López ◦ Native American Totem Poles ◦ Frank Stella: Abstract Art	Hispanic Heritage Month Italian-American Heritage Month Indigenous Peoples' Day Halloween



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October 2026
THIRD GRADE

Language & Literacy

Wit & Wisdom Close Reading	Comprehension Skills & Strategies	Grammar	Vocabulary
<ul style="list-style-type: none">o Ocean Sunlight: How Tiny Plants Feed the Seas, The Fantastic Undersea Lifeo Jacques Costeauo Shark Attack <p>FQ1: How do artists explore the sea?</p> <p>FQ2: Why and how do scientists explore the sea?</p> <p>FQ3: Why and how do scientists study sea creatures?</p> <p>NY State Standards: RL.3.1, RL.3.2, R.I.3.5, R.I.3.7, R.I.3.9</p>	<p>Skill</p> <ul style="list-style-type: none">o Character, Settingo Problem & Solutiono Lesson Learnedo Central Message <p>Strategies</p> <ul style="list-style-type: none">o Asking and answering questionso Using text evidenceo Main Idea/detailso Context clues (vocabulary)o Visualizing	<ul style="list-style-type: none">o Types of sentences: Declarative, interrogative, exclamatory, imperativeo Subject-verb agreemento Quotation markso Commas (in a series, in dates, in addresses)o Possessive nouns	<p>Vocabulary Words</p> <ul style="list-style-type: none">o explore, immense, luminous, desperately, vast, colossal, revised, loomed, nonfiction, summary, nutrients, flexible, overwhelmed, specko synonyms and antonyms <p>Phonics</p> <ul style="list-style-type: none">o Prefixes and Suffixes (un, re, ful, less, able)o Compound wordso Syllable division for decoding longer words

Process-Based Writing

Genre	Writing Traits & Conventions
Write a multiparagraph essay explaining why artists or scientists explore the sea. NY Standards: W.3.2.a, W.3.4, W.3.5:	<p>6 Traits of Writing: Ideas, Organization, Voice, Word Choice, Sentence Fluency, Conventions</p> <p>Descriptive Details - Imagery</p> <p>Informational writing includes: text features, heading, facts, photographs, diagrams/graphs</p>

Mathematics

Unit Topic	Big Ideas	Models/Strategies
<p>Simple Multiplication</p> <p>3.OA.1 3.OA.3 3.OA.4 3.OA.5 NY-3.OA.7</p>	<ul style="list-style-type: none">o Using equal groups and repeated addition to write simple multiplication facts example: $2+2+2=6$ is the same as $2 \times 3=6$ and $3 \times 2=6$	<p>Models:</p> <ul style="list-style-type: none">o Direct Modeling with cubes and base 10 blockso Number lineo Number sentenceso Repeated addition <p>Strategies:</p> <ul style="list-style-type: none">o Counting ono Decomposing numbers by place valueo Adding ono Regroupingo Constant differenceo Compensating <p>o Using repeated addition to help solve multiplication: example: $2+2+2=6$ is the same as $2 \times 3=6$ and $3 \times 2=6$</p>

Science

Continued Unit on Forces: the effects of balanced and unbalanced forces, the pushes and pulls of bridge structures, and the effects of friction on the motion of objects

Core Knowledge	Visual Arts/Music	Cultural Celebrations
History & Geography	Visual Arts/Music	Daily/Monthly Observances & Celebrations
<ul style="list-style-type: none">o Hispanic Heritage month projecto How does culture, geography, and history shape a community? How are world communities the same? How are they different?o Case Studies of communities in varying continents across the world	<ul style="list-style-type: none">o Hispanic Heritage Month Celebration: In Focus: Rafael Lópezo Native American Totem Poleso Frank Stella: Abstract Art	<p>Hispanic Heritage Month</p> <p>Italian-American Heritage Month</p> <p>Indigenous Peoples' Day</p> <p>Halloween</p>



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October 2026
FOURTH GRADE

Language & Literacy

Wit & Wisdom Close Reading	Comprehension Skills & Strategies	Grammar	Vocabulary
<ul style="list-style-type: none">Love That Dog & The Circulatory StoryNYS Standards: RL.4.1, RL.4.5, RI.4.2, RI.4.7	Skill <ul style="list-style-type: none">Problem & SolutionAuthor's Point of View Strategies <ul style="list-style-type: none">Main Idea/detailsSummarizingSequencing	<ul style="list-style-type: none">SentencesSpelling	<ul style="list-style-type: none">Students will use context clues to help understand the meaning of words.Students will be finding definitions of words in the glossary and then apply the meaning while making a sentence.

Process-Based Writing

Genre	Writing Traits & Conventions
Informative Writing Students will express their understanding of the module's Essential Question: "What does it mean to have a great heart, literally and figuratively?" Students will demonstrate their ability to bring together their learning in an informative essay that uses text evidence. NYS Standards: W.4.2, W.4.8	<ul style="list-style-type: none">6 Traits of Writing: Ideas, Organization, Voice, Word Choice, Sentence Fluency, ConventionsDescriptive Details - Imagery

Mathematics

Unit Topic	Big Ideas	Models/Strategies
Factors and Multiples NYS Standards: NY-4.OA.4, NY-4.OA.5, NY-4.OA.3, NY-4.OA.3a, NY-4.OA.3b	<ul style="list-style-type: none">Determine if a number is prime or composite.Understand the concept of factors and multiples.Relate the side lengths and area of a rectangle to factors and multiples.Apply multiplication fluency within 100 and explore the relationship between multiplication and division for factor pairs and multiples.	Strategies: <ul style="list-style-type: none">What is a factor?What is a multiple?What is prime?What is composite?Multiplication using area model

Science

○ This month in science, students will explore how waves transfer energy and how light allows us to see objects. Students will investigate patterns in waves and use evidence to explain how light interacts with different materials.

Core Knowledge	Visual Arts/Music	Cultural Celebrations
History & Geography	Visual Arts/Music	Daily/Monthly Observances & Celebrations
Native Americans: First Inhabitants of New York State Geography • Role of climate, environment, animals, and natural resources in the development of Native American cultures in New York State • Ways of life, customs, beliefs, traditions, and values • Roles of men, women, and children • Technology and transportation	<ul style="list-style-type: none">Hispanic Heritage Month Celebration: In Focus: Rafael LópezNative American Totem PolesFrank Stella: Abstract Art	Hispanic Heritage Month Italian-American Heritage Month Indigenous Peoples' Day Halloween



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October 2026
FIFTH GRADE

Language & Literacy

Wit & Wisdom Close Reading	Comprehension Skills & Strategies	Grammar	Vocabulary
<ul style="list-style-type: none">Thunder Rolling in the MountainsThe Vault at the Top of the WorldCould we Clone a Mammoth?Should Nation's Allow Hunting?Droppings of Mammoth Proportions?Call of the WildStone River CrossingSwift Things Are BeautifulFlintRecipe for a ReefRaising Gorilla Babies <p>NYS Standards: RI.5.1, RI.5.2, RI.5.3, RF.5.4, RF.5.4.a, RF.5.4.b, RL.5.9,</p>	<p>Skills:</p> <ul style="list-style-type: none">Range of Reading and Level of Text ComplexityText Types and PurposesFluency <p>Strategies:</p> <ul style="list-style-type: none">Close readingDefine Words and Phrases as Used in a TextIntegrate Information from Several Texts on the Same Topic	<ul style="list-style-type: none">Subjects in Imperative SentencesCompound SubjectsCompound PredicatesSimple Sentences and Compound Sentences	<ul style="list-style-type: none">Sadlier Units 3-7Sadlier Unit 1-3 AssessmentWit & Wisdom VocabularySocial Studies - Unit 1 Vocabulary Assessment

Process-Based Writing

Genre	Writing Traits & Conventions
<p>Fiction</p> <p>NYS Standards: RI.5.1, RI.5.2, RI.5.3, RI.5.4</p>	<ul style="list-style-type: none">Students will be able to understand the main character's perspective through analyzing dialogueUsing thinking jobs to find the main ideas, problems, solutions and lessons learned from a variety of fiction texts

Mathematics

Unit Topic	Big Ideas	Models/Strategies
<p>Adding and Subtracting Fractions</p> <p>NYS Standards: NY.5.MD.B.2 NY.5.NF.1 NY.5.NF.2 NY-5.NF.4a</p>	<ul style="list-style-type: none">Students deepen their understanding of place-value relationships of numbers to extend to operations on fractions with unlike denominators.	<p>Models:</p> <ul style="list-style-type: none">Line plotFraction ModelBenchmark Fractions <p>Strategies:</p> <ul style="list-style-type: none">Listing common multiplesMultiplying denominators

Science

o This month in science, students will explore how matter can change while still being conserved. They will investigate mixtures, solutions, and chemical reactions to determine whether new substances are formed.

Core Knowledge	Visual Arts/Music	Cultural Celebrations
History & Geography	Visual Arts/Music	Daily/Monthly Observances & Celebrations
<ul style="list-style-type: none">Early People of the AmericasAncient Civilizations of the AmericasAge of Encounters <p>Geography</p> <ul style="list-style-type: none">Reasons for European explorationNetherlands, England, France, Spain, and Portugal establish coloniesImpact of Roman Catholic missionaries	<ul style="list-style-type: none">Hispanic Heritage Month Celebration: In Focus: Rafael LópezNative American Totem PolesFrank Stella: Abstract Art	<p>Hispanic Heritage Month</p> <p>Italian-American Heritage Month</p> <p>Indigenous Peoples' Day</p> <p>Halloween</p>

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SIXTH GRADE

Language & Literacy

Wit & Wisdom Close Reading	Comprehension Skills & Strategies	Grammar	Vocabulary
<ul style="list-style-type: none"> ◦ <i>Bud, Not Buddy</i> ◦ NYS Standards: RL.6.1, RL.6.2, RL.6.4, RI.6.1, RI.6.2 	Skills: <ul style="list-style-type: none"> ◦ Cite text evidence ◦ Theme Strategies: <ul style="list-style-type: none"> ◦ Determine meaning of words ◦ Compare & contrast texts 	Sadlier Grammar Workshop <ul style="list-style-type: none"> ◦ Vary sentence patterns for meaning, reader/listener interest, and style ◦ Maintain consistency in style and tone 	<ul style="list-style-type: none"> ◦ Vocabulary Workshop Tools for Excellence

Process-Based Writing

Genre	Writing Traits & Conventions
Informative/Explanatory texts NYS Standards: W.6.2, W.6.4, W.6.5	<ul style="list-style-type: none"> ◦ Produce a clear and coherent writing in which the development, organization, and style are appropriate to task, purpose and audience

Mathematics

Unit Topic	Big Ideas	Models/Strategies
Continuation- Fractions & Decimals Rates, Ratios, & Percentages NYS Standards: NY.6.RP.1, NY.6.RP.2, NY.6.RP.3, NY.6.RP.3a, NY.6.RP.3b, NY.6.RP.3b	<ul style="list-style-type: none"> ◦ Ratios that are equivalent can be made by multiplying by the same non-zero numbers. ◦ Double number line diagrams can be drawn more quickly than discrete diagrams. ◦ Analyze situations involving both discrete and continuous quantities, and involving ratios of quantities with units that are the same and that are different. 	<ul style="list-style-type: none"> ◦ Ratio Notations ◦ Reasoning with Tape Diagrams ◦ Situations Involving Rates ◦ Tables of Equivalent Ratios

Science

Spanish

Ecosystem Dynamics & Biodiversity <ul style="list-style-type: none"> ◦ This month in science, students will explore how matter and energy move through ecosystems. They will investigate photosynthesis, cellular respiration, and the relationships between organisms in food webs. Students will also examine how changes to an ecosystem can affect populations, resources, and overall ecosystem stability. NYS Standards: MS-LS1-6, MS-LS1-7, MS-LS2-3, MS-LS2-4, MS-LS2-5	<ul style="list-style-type: none"> ◦ Hispanic Heritage - Spanish Country Research Project ◦ Months, seasons, days of the week, numbers ◦ Greetings ◦ Where are you from?
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Core Knowledge

Cultural Celebrations

History & Geography	Visual Arts/Music	Daily/Monthly Observances & Celebrations
Unit 2: Civilizations and Peoples of the Fertile Crescent Geography: -Map of the Middle East -Spatial awareness, location NYS Standards: 6.2	<ul style="list-style-type: none"> ◦ Hispanic Heritage Month Celebration: In Focus: Rafael López ◦ Native American Totem Poles ◦ Frank Stella: Abstract Art 	Hispanic Heritage Month Italian-American Heritage Month Indigenous Peoples' Day Halloween



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October 2026
SEVENTH GRADE

Language & Literacy

Wit & Wisdom Close Reading	Comprehension Skills & Strategies	Grammar	Vocabulary
<ul style="list-style-type: none">◦ Castle Diary◦ NYS Standards: RL.7.1, RL.7.2, RL.7.3, RL.7.4, RL.7.6◦ Canterbury Tales◦ NYS Standards: RL.7.1, RL.7.2, RL.7.3, SL.7.1, SL.7.2, SL.7.6	<p>Skills:</p> <ul style="list-style-type: none">◦ Establish characters and setting◦ Author's Point of View <p>Strategies:</p> <ul style="list-style-type: none">◦ Identifying characters/traits◦ Identifying figurative language◦ Examine text evidence	<ul style="list-style-type: none">◦ Replace multi word phrases with single words.◦ Removing ineffectual repetition.◦ Use of more specific nouns and active verbs	<ul style="list-style-type: none">◦ Pilgrimage and the Morpheme -age: The predicted meaning of target words based on the suffix-ageExamples: - Pilgrimage, Advantage, Blockage

Process-Based Writing

Genre	Writing Traits & Conventions
<p>Narrative Writing NYS Standards: 7.W.2.a, 7.W.3.a</p>	<ul style="list-style-type: none">◦ Provide a clear explanation and understanding of concise and precise writing to develop strong writing skills.◦ Identify and eliminate redundancy in writing.

Mathematics

Unit Topic	Big Ideas	Models/Strategies
<p>Scale Drawings</p> <p>NYS Standards: 7.G.A.1 Solve problems involving scale drawings of geometric figures, including computing actual lengths and areas from a scale drawing and reproducing a scale drawing at a different scale.</p>	<ul style="list-style-type: none">◦ In a scaled copy, all lengths are multiplied by a scale factor and all angles remain the same◦ To calculate the actual dimensions, the scale factor and the scale drawing dimensions are multiplied together	<ul style="list-style-type: none">◦ Students use rulers to measure lengths in scale drawings so they can then calculate the actual lengths◦ Students use tables and proportional reasoning to determine the relationships and scale between the lengths in a scaled copy and the actual lengths◦ Students use protractors to compare the angles in the drawings to the actual angles of the figure

Science

Spanish

<p>Unit 1 Chemistry</p> <ul style="list-style-type: none">◦ Students will use evidence to show that substances have unique properties◦ Students will identify substances by calculating their densities using measurements of mass and volume.◦ Students will plan and conduct an investigation to demonstrate that mixtures are physical combinations of substances. <p>NYS Standards: MS-PS1-7: Density of Matter, MS-PS1-8: Substances and Mixtures</p>	<ul style="list-style-type: none">◦ Hispanic Heritage - Spanish Country Research Project◦ Students will engage in conversations and presentations◦ Students will engage in writing, speaking, expressions, listening and reading key words.
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Core Knowledge

Cultural Celebrations

History & Geography	Visual Arts/Music	Daily/Monthly Observances & Celebrations
<p>UNIT 2: Exploration and Colonization of the Americas -Columbian Exchange -Causes and effects of colonialism on US Geography: -World Map, Map of Americas -Spatial awareness NYS Standards: 7.2a- 7.2c</p>	<ul style="list-style-type: none">◦ Hispanic Heritage Month Celebration: In Focus: Rafael López◦ Native American Totem Poles◦ Frank Stella: Abstract Art	<p>Hispanic Heritage Month Italian-American Heritage Month Indigenous Peoples' Day Halloween</p>



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October 2026
EIGHTH GRADE

Language & Literacy

Wit & Wisdom Close Reading	Comprehension Skills & Strategies	Grammar	Vocabulary
<ul style="list-style-type: none"> ◦ The Crossover ◦ NYS Standards: RL.8.1, RL.8.2, RL.8.3, RL.8.4 	Skills: <ul style="list-style-type: none"> ◦ Poetic types and poetry characteristics ◦ Theme ◦ Descriptive and Sensory language Strategies: <ul style="list-style-type: none"> ◦ Identifying different types of poetic types ◦ Identify word choice and phrases ◦ Examine text evidence 	<ul style="list-style-type: none"> ◦ Examine sentence structure ◦ Identify simple, compound, complex, and compound-complex sentences 	<ul style="list-style-type: none"> ◦ Evaluating figurative language by identifying Hyperbole and learning the definition.

Process-Based Writing

Genre	Writing Traits & Conventions
<p align="center">Poetry NYS Standards: W.8.4</p>	<ul style="list-style-type: none"> ◦ Composing a clear and detailed poem about the main character of the inverse novel using a poem frame by providing descriptive and sensory language. ◦ Using poetic elements and identifying important characteristic traits.

Mathematics

Unit Topic	Big Ideas	Models/Strategies
<p>Linear Equations, Inequalities, & Systems</p> <p>NYS Standards: HSA-CED.A.1- HSA-CED.A.4, HSA-REI.A.1, HSA-REI.B.3, HSA-REI.C.5, HSA-REI.C.6, HSA-REI.D.10, HSA-REI.D.12, HSA-SSE.A.1, HSF-LE.A.2, HSN-Q.A.2</p>	<ul style="list-style-type: none"> ◦ Linear Equations ◦ Systems ◦ Inequalities 	<ul style="list-style-type: none"> ◦ Using the properties of equality to isolate variables. ◦ Solving systems of equations by graphing equations, substituting for the variables, & eliminating one of two variables.

Science

Spanish

Unit 1 Forces and Motion	
<ul style="list-style-type: none"> ◦ Students will understand Newton's Laws of Motion to describe real-world examples. ◦ Students will explain why an object's position and motion must be described within a reference frame. ◦ Students will describe how an object's motion is determined by the sum of forces acting on it <p>NYS Standards: MS-PS2-2: Forces, Mass and the Motion of an Object</p>	<ul style="list-style-type: none"> ◦ Hispanic Heritage - Spanish Country Research Project ◦ Students will engage in conversations and presentations ◦ Students will engage in writing, speaking, expressions, listening and reading key words. ◦ Master the verb "to be" in Spanish - ser y estar

Core Knowledge

Cultural Celebrations

History & Geography	Visual Arts/Music	Daily/Monthly Observances & Celebrations
<p>UNIT 2: A Changing Society & the Progressive Era</p> <p>-Industrialization</p> <p>-Immigration</p> <p>-Urbanization</p> <p>Geography:</p> <p>-Economic graphs and maps</p> <p>-Spatial awareness</p> <p>NYS Standards: 11.2 a-d</p>	<ul style="list-style-type: none"> ◦ Hispanic Heritage Month Celebration: In Focus: Rafael López ◦ Native American Totem Poles ◦ Frank Stella: Abstract Art 	<p>Hispanic Heritage Month</p> <p>Italian-American Heritage Month</p> <p>Indigenous Peoples' Day</p> <p>Halloween</p>