



Icahn Charter School 3

1500 Pelham Parkway South
Bronx, New York 10461
Telephone (718) 828-0034
Fax (718) 794-2357

www.ica hncharterschool3.org

Marcia Glattstein, Principal
Judith Gabriel, Administrative Assistant

Nicole Patrignelli, Staff Developer
Jhoana Heras-Campos, Middle School Counselor
Danielle Hafner, Elementary School Counselor

Kindergarten September 2020

English Language Arts/ Wonders: Unit 1: Make New Friends and Get up and Go

Essential Questions:

- **Week 1:** What can we learn when we try new things?
- **Week 2:** How do baby animals move?

Genre: Fantasy, Informational Text

High Frequency Words:

I, the, to, we, my, can, am, you, on, am

Additional Academic Vocabulary:

title, author, illustrator, noun, fantasy, fable, opinion, details

Word Work: Sentence Segmentation, Phoneme Isolation, Phoneme Identity, Phoneme Blending

Phonic /Spelling: /m/m (initial/final) /a/a (initial/medial)

Comprehension:

Strategies: Ask and answer questions

Skills: Key Details (use Illustrations)

Writing: Writer's Workshop-

Unit 1 Genre: Informative Text

- The Writing Process – Prewrite, Draft, Revise, Edit, Publish
- Characteristics of a sentence
- Illustration, Labeling and Writing





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Engage & Envision Math:

Unit 1: Counting and Numbers to 10



Core Skills and Concepts/ Computation

- Counting sequence - number names and numerals
- Organization - keeping track while counting
- One-to-one correspondence - If there is a corresponding object matched to each object in a set, the totals are equal.
- Cardinality - The number you end on is the number of objects in the set.
- Hierarchical inclusion - Numbers grow by one each time - 5 includes 4+1.
- Commutativity and associativity - Numbers can be grouped in a variety of ways, or presented in a different order, and the amounts stay the same



Science: Seasons

- Students will also learn about what science is and what a scientist does.
- Students will investigate the signs of the seasons, temperature change, pumpkin and Leaf studies.



Social Studies:

Map Skills

- Me on the Map
- Communities
- Concepts of communities and environment
- Location by using maps





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First Grade September 2020

English Language Arts/ Wonders: Unit 1

Essential Questions:

- **Week 1:** What do you do at school?
- **Week 2:** What is it like where you live?

Genre: Fiction, Realistic Fiction, Fantasy

High Frequency Words: does, not, school, what, down, out, up, very

Additional Academic Vocabulary: learn, subjects, common, object, recognize

Word Work: Identify Rhyme, Phoneme Isolation/ Blending/ Segmentation

Phonic /Spelling: Short A, Short I

Structural Analysis: Inflectional Ending (-s), Double Final Consonants

Comprehension Skill: Key Details

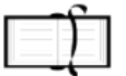
Comprehension Strategy: Visualize

Text Feature: Photographs & Bold print

Writing: Writer's Workshop-

Unit 1 Genre:

- The Writing Process – Prewrite, Draft, Revise, Edit, Publish
- Characteristics of dfsf





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First Grade September 2020

Engage & Envision Math: Module 1

- Compose and decompose numbers within 10
- Add and subtract within 10 using objects, cubes, number bonds, and ten frames
- Understand the relationship between addition and subtraction



Core Skills and Concepts/ Computation

- Maps, Globe, Cardinal Directions
 - Understanding reading maps, directions, and map keys.
- Early Explorers and settlers- Columbus



Science: Amplify: The Earth

- Spinning Earth
- Predictable Patterns (Sun, Moon, and Stars), The Earth and the Solar System





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2nd Grade September 2020

English Language Arts/ Wonders: Unit 1

Essential Questions:

- **Week 1: How are families around the world the same and different?**
- **Week 2: How can a pet be an important friend?**

Genre: Fables, Realistic Fiction, Folk Tales,
Expository Text, Fantasy

High Frequency/Academic Vocabulary Words:

HFWS: ball, blue, both, even, for, help, put, there, why, yellow, could, find, funny,
green, how, little, one, or, see, sounds

Vocabulary: actions, afraid, depend, nervously, peered, perfectly, rescue, secret,
aside, culture, fair, invited, language, plead, scurries, share

Phonemic Awareness/Word Work:

Introduce Short e /e/, o /o/, u /u/, a /a/, i /i/ Introduce Two-Letter Blends, Identify and
generate rhyme

Vocabulary Strategies: Inflection Endings; Root Words, Context Clues

Phonics /Spelling:

| | |
|------------------|------------------|
| Blending short a | Blending Short e |
| Blending short I | Blending Short o |

Comprehension

Strategies: Visualize
Skills: Character, Setting, Events
Fluency: Expression





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2nd Grade September 2020

Writing: Writer's Workshop- Unit 1 Genre: Friendly Letter

- The Writing Process – Prewrite, Draft, Revise, Edit, Publish
- Characteristics of a Letter

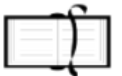


Engage & Envision Math: Topic 1-Understanding Addition and Subtraction

Unit 1: Module 1: *Sums and Differences to 20*

Core Skills and Concepts/ Computation

- Foundations for Addition and Subtraction Within 20
- Mental Strategies for Addition and Subtraction Within 20
- Strategies for Addition and Subtraction within 100



Science: Cycles in Nature

- Seasonal Cycles
- Life Cycles
- Water Cycle



Social Studies: Map Skills/Spatial Connections

- Students will understand reading maps and directions.

Icahn Charter School 3 is chartered by the New York State Board of Regents and the State University of New York Charter Schools Institute and is a result of the collaborative efforts of the Foundation for A Greater Opportunity and the Center for Educational Innovation-Public Education Association. The Icahn Charter School 3 is a public school open to all children on a space available basis, by lottery.





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3rd Grade September 2020

English Language Arts/ Wonders: Unit 1.1, 1.2, 3.1

Essential Questions:

- **Week 1:** What can stories teach you?
- **Week 2:** What can traditions teach you about cultures?
- **Week 3:** What makes different animals unique?

Genre: Fantasy, realistic fiction, fantasy

Academic Vocabulary: concentrate, discovery, ache, educated, inspired, satisfied, courage, disappointment, courage, precious, pride, remind, symbols, traditions, disbelief, dismay, fabulous, features, offers, splendid, watchful

Vocabulary Strategies: Words in context; using context clues

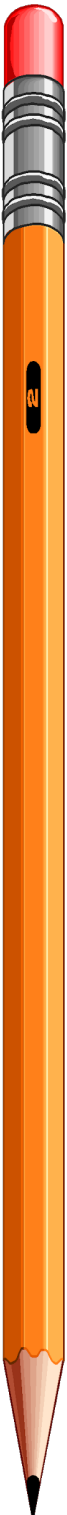
Comprehension:

- **Strategies:** Visualize
- **Skills:** Character traits, setting, plot, summarizing, problem and solution
- **Fluency:** Inflectional endings

Writing: Writer's Workshop-

Unit 1 Genre:

- The Writing Process – Prewrite, Draft, Revise, Edit, Publish
- Characteristics of narratives





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3rd Grade September 2020

Engage & Envision Math: Unit 1: Module 2

Core Skills and Concepts

- addition and subtraction strategies within 1,000
- understanding place value
- rounding whole numbers to the nearest 10 or 100

Science: Unit 1: Scientific Method

Students will investigate the Scientific Method through the following investigation: Forces and Interactions, Engineering Design

Social Studies: Unit 1: Geography/Map Skills

- Students will explore globes,





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4th Grade September 2020

English Language Arts/ Wonders: Unit 5

Essential Questions:

- **Week 1:** In what ways do people show they care about each other?
- **Week 2:** How can Inventions solve Problems?
- **Week 3:** How are all living things connected?

Genre: Realistic Fiction/Biography/Narrative Nonfiction

Academic Vocabulary: bouquet, emotion, encircle, express, fussy, portraits, sparkles, whirl, procedure, dizzy, experiment, genuine, hilarious, mischief, nowadays, politician, crumbled, droughts, ecosystem, extinct, flourished, fragile, imbalance, ripples

Vocabulary Strategies: Review Domain Specific Words

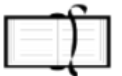
Comprehension:

- **Strategies:** Visualize, Summarize,
- **Skills:** Character, Setting, Plot: Problem and Solution
- **Fluency:** Closed Syllables

Writing: Writer's Workshop-

Unit 1 Genre: Persuasive Text

- The Writing Process – Prewrite, Draft, Revise, Edit, Publish
- Characteristics of Argumentative Writing





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4th Grade September 2020

Engage & Envision Math:

Unit 1: Module 1

Core Skills and Concepts

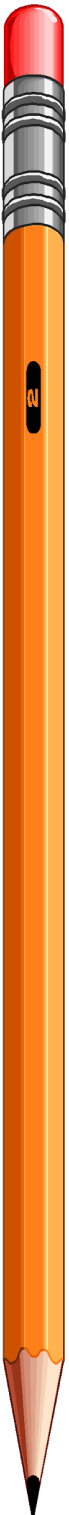
- Place Value
- Rounding
- Algorithms for Addition and Subtraction

Science: Unit: 1 Chemistry (Matter)

- Students will investigate the structure and properties of matter

Social Studies: Geography (Map Skills)

- Students will locate major world oceans and the seven continents.
- Students will identify the different states of the U.S.
- Students will identify lines of latitude and longitude.





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5th Grade September 2020

English Language Arts/ Wonders: Unit 3

Essential Questions:

- **Week 1:** Where can you find patterns in nature?
- **Week 2:** What benefits come from people working as a group?
- **Week 3:** What kind of stories do we tell? Why do we tell them?

Genre: Nonfiction

Academic Vocabulary: contact, erode, formation, moisture, particles, repetition, structure, visible, artificial, collaborate, dedicated, flexible

Vocabulary Strategies: Context clues

Comprehension:

- **Strategies:** Main Idea and Key Details
- **Skills:** Ask and answer questions
- **Fluency:** Greek and Latin Roots

Writing: Writer's Workshop-

Unit 1 Genre: Nonfiction

- The Writing Process – Prewrite, Draft, Revise, Edit, Publish
- Characteristics of argumentative writing that include students developing a strong opinion (thesis statement) and support their view with multiple and relevant facts. students will also develop techniques and corresponding approaches to planning, drafting and revising their writing.





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5th Grade September 2020

Engage & Envision Math:

Unit 1: Place Value and Multiplication and Division

Core Skills and Concepts

- Apply the patterns of the base ten system to develop relationships based on place value and to deepen their understanding of multiplication and division
- Use various strategies to expand upon prior knowledge of single digit multiplication as it extends to multi digit multiplication
- Use various strategies to expand upon prior knowledge of single digit division as it extends to multi digit division

Science: Matter and Energy in Organisms and Ecosystems

Students will explore and conduct an investigation to provide evidence that living things are all made of cells. Students will develop and use a model to describe the function of a cell as a whole and how parts contribute to the function. Students will construct an explanation supported by evidence how the body is composed of interacting systems, and will develop a model to describe the movement of matter among plants, animals and the environment.

Social Studies: Geography in the Western Hemisphere

- Students will explore maps, globes and geographical tools to understand the climate, landforms and bodies of water. Students will explore the geography in the western hemisphere to understand the hemisphere can be divided into regions and Regions are areas that share common, identifiable characteristics such as physical, political, economic, or cultural features





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6th Grade September 2020

English Language Arts/ Collection: Unit 1 Facing Fears (Various Texts)

Genre: Fiction/Non-Fiction

Academic Vocabulary: Dialect, Setting, Character, Repetition, Summarize, Inferencing

Vocabulary Strategies:

- Analyze Language
- Using Context Clues

Comprehension:

- **Strategies:** Describe Stories: Characters and Setting
 - **Skills:** Analyze Structures
 - **Fluency:** Greek Roots

Writing: Writer's Workshop-

Unit 1 Genre: Narrative (Memoir)

- The Writing Process – Prewrite, Draft, Revise, Edit, Publish
- Characteristics of conceive and write a memoir that effectively describes a memorable experience and its special meaning for them
- develop narrative technique and corresponding approaches to planning, drafting and revising their writing
- apply a range of craft strategies and structures to enhance the memoir's focus, meaning and reader engagement.





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6th Grade September 2020

Open Up Resources/Eureka Math Unit 4: Dividing Fractions

Core Skills and Concepts

- **Sizes of numerator and denominator affect the size of their quotient when numerator or denominator (or both) is a fraction.**
- Dividing a/b has the same outcome as multiplying by b , then by $1/a$.
- Finding volume of rectangular Prisms

Science: Microbiomes

- Students will investigate Microbiomes, which describes the genome of all the [microorganisms](#), symbiotic and pathogenic, living in and on all vertebrates. The gut [microbiome](#) is comprised of the collective genome of [microbes](#) inhabiting the gut including bacteria, [archaea](#), viruses, and fungi.

Social Studies:

- Students will explore Geography of the Eastern Hemisphere The Eastern Hemisphere refers to the area of the Earth east of the prime meridian and west of the International Date Line. This includes much of **Europe, Africa, Asia**, Australia, and the islands of Oceania. A map centered on the Eastern Hemisphere will have the Indian Ocean basin at the center.

7th Grade September 2020

ELA

I. Grammar





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- Figurative Language
- Conventions

II Reading

- Short Story: *Rogue Wave* by Theodore Taylor
- Story Elements: Characterization, Setting, Plot, Point of View
- Making Inferences

III. Writing:

- Constructing Short Responses to Text

MATHEMATICS

I. The Number System, Expressions and Equations

- Types of Numbers
- Properties of Operations
- Properties with Expressions

SOCIAL STUDIES

- Geography of the United States
- Early Americans

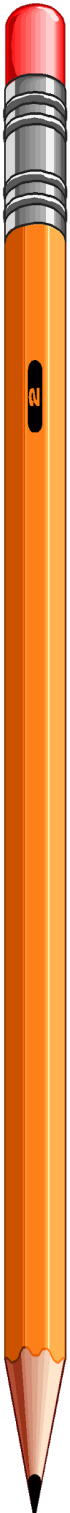
SCIENCE

- Scientific Inquiry
- Introduction to Geology

FOREIGN LANGUAGE: SPANISH

I. Preliminary Chapter

- Greetings, Counting, Telling Time, Identifying Days/Weeks/Months
- Seasons and Weather





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8th Grade September 2020

ELA

I. Grammar

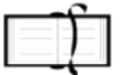
- Identifying & Creating Figurative Language
- Grammar Conventions

II Reading

- Short Story: *My Favorite Chaperone* by Jean Davies Okimoto
- Story Elements: Elements of Plot & Characterization
- Making Inferences

III. Writing:

- Constructing Short Responses to Text



MATHEMATICS

I. Exponents and Scientific Notation

- Review of Exponential Expressions
- Powers of 10
- Introduction to Scientific Notation



SOCIAL STUDIES

- World War 2 Review



SCIENCE

- Scientific Inquiry/Scientific Method

FOREIGN LANGUAGE: SPANISH

I. Formal Review of 7th Grade Material

II. Chapter 6 (El Bienestar- Health)

- Personality, Conditions and Emotions
- Explaining minor illnesses
- Grammar: -ser, -estar, indirect object pronouns

