

Icahn Charter School 7
December 2016
KINDERGARTEN SYLLABUS

English Language Arts

Wonders: McGraw-Hill

Unit/ Theme:

Unit 4

Week 1: Time for Work

Essential Question: What do people use to do their job?

Week 2: Meet Your Neighbors

Essential Question: Who are your neighbors?

Week 3: Pitch In

Essential Question: How can people help to make your community better?

Genre:

Fiction

Informational Text

Skills and Strategies:

Word Work

Phoneme blending: o, d,

High Frequency Words: you, mop, can, on, sip, map, pin, do, had, sit, lid, cap, mad, man, sad, did, cot, nod, sit, and, go, to

Vocabulary

Equipment, uniform, utensils, expect, remained, cultures, appreciate, proud, tradition, prefer, community, improve, confused, harvest, quarrel

Comprehension Skills

& Strategies:

Ask and Answer Questions

Identify character, setting, and event

Identify key details

Identify author and illustrator

Writing:

Label Words

Sentences

Grammar:

Describing Words (adjectives)

Mathematics:

Engage NY

Module 1: Count Numbers to 10 Cont.

Module 2: Two Dimensional and Three Dimensional Shapes

Lessons 1-10

Envisions:

Topic 12: Identify and Describe Shapes

Lessons 1-8

Core Knowledge Content and Skills

Science:

Seasons and Weather: "The Four Seasons":
Focus on Winter, Evergreen trees and Deciduous trees

Sayings & Phrases:

Look before you leap

Stories:

The Velveteen Rabbit
King Midas and the Golden Touch

Poetry:

Hot Cross Buns, Little Jack Horner, Early to Bed, Time to Rise

Visual Arts:

Color, Color, Everywhere
Warm and Cool Colors, observe Pieter Bruegel the Elder's use of cool colors in "Winter Landscape"

History & Geography

Oceans and Continents
Around the World in Seven Ways
North America
South America
Europe

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FIRST GRADE SYLLABUS

English Language Arts: Wonders: McGraw-Hill

Unit 2 Theme: The Big Idea: What makes a community?

Week 3: A Community in Nature

Essential Question: Where do animals live together?

Week 4: Let's Help

Essential Question: How do people help in the community?

Week 5: Follow the Map

Essential Question: How can you find your way around?

Genre:

- Non-fiction
- Fantasy

Skills and Strategies

- **Word Work (Spelling)**
Words with *consonant digraphs th, sh, -ng*
Words with inflectional endings -ing -es
Closed Syllables
Inflectional Endings -es
- **High Frequency Words**
eat, no, of, under, who, all, call, day, her, want, around, by, many, place, walk
- **Vocabulary**
depend, habitat, hibernate, tranquil, tolerate, leadership, admire, connections, enjoy,
locate, route, separate, height, model

Comprehension skills & Strategies

- Characters, settings, events
- Main topic and key details

Writing

- Organization
- Sentences that explain
- Ideas

Grammar, Mechanics, usage

- Capital letters and periods
- Capitalization of proper nouns
- Possessive nouns
- Apostrophes and commas

Mathematics: EngageNY Module 2

Envisions: Topics 3, 4, 5, 8, and 9

- Place Value
- Comparison
- Addition and subtraction of numbers to 20

Core Knowledge Content and Skills

- **Science**

- **Sayings and phrases**
 - Never leave till tomorrow what you can do today
 - Land of Nod

- **Poetry**
 - Solomon Grundy
 - The Queen of Hearts

- **Visual Arts**
 - Self-portraits – Vincent Van Gogh

- **Songs**
 - La Cucaracha
 - Music Can Tell a Story
 - Blow the Man Down

- **Stories**
 - Aesop's Fables
 - Jack and the Beanstalk
 - The Knee-High Man

- **Geography**
 - Early Exploration and Settlement

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SECOND GRADE SYLLABUS

English Language Arts: Wonders: McGraw-Hill

Unit 2 Themes:

Week 1: Animals and Nature

Essential Question: How do animals survive?

Week 2: Animals in Stories

Essential Question: What can animals in stories teach us?

Week 3: Animal Habitats

Essential Question: What are features of different animal habitats?

Genre:

- Realistic Fiction
- Fable
- Informational Text: Narrative Nonfiction
- Poetry

Strategies:

- Make, Confirm, Revise Predictions

Skills:

- Character, Setting, Plot
- Main Topic and Key Details
-

Word Work:

- Short o, Long o: o_e
- Inflectional Endings -ed, -ing
- Short u, Long u: u_e
- CVCe Syllables
- Soft c and g; /j/ dge, ge, lge, nge, rge
- Prefixes re-, un-, dis-

High Frequency Words: because, cold, family, friends, have, know, off, picture, school, took, change, cheer, fall, five, look, open, should, their, won, yes

Vocabulary: adapt, climate, eager, freedom, fresh, sense, shadows, silence, believe, delicious, feast, fond, lessons, remarkable, snatch, stories, buried, escape, habitat, journey, nature, peeks, restless, spies

Writing:

- Informational/ Descriptive Writing
- Descriptive Writing

Grammar, Mechanics, Usage:

- Kinds of Nouns
- Singular and Plural Nouns
- Commas in a Series

Module 4: Addition and Subtraction of Numbers to 200 with Word Problems**Envisions: Topics 3 to 7**

- Strategies for Decomposing a Ten
- Strategies for Composing Tens and Hundreds
- Strategies for Decomposing Tens and Hundreds
- Explanations of Written Methods

Core Knowledge Content and Skills**Science:**

- Life Science: Home for Plants and Animals
- Cycles in Nature: Life Cycles (Chapters 1-3 in text)
- The Human Body: Taking Care of Your Body: A Healthy Diet
- Science Biographies: Florence Nightingale and Daniel Hale

Sayings and Phrases:

- "Get a taste of your own medicine"
- "Turn over a new leaf"

Poetry:

- Harriet Tubman (Eloise Greenfield)
- The Night Before Christmas (Clement Clarke Moore)

Art/Music:

- Kinds of Pictures: Landscapes
- Thomas Cole: "The Oxbow"
- El Greco: View of Toledo
- Henri Rousseau: Virgin Forest
- Vincent Van Gough: The Starry Night
- "Dixie"
- "Follow the Drinking Gourd"
- "When Johnny Comes Home"

Stories:

- A Christmas Carol (Charles Dickens)

History/Geography:

- The Civil War

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THIRD GRADE SYLLABUS

English Language Arts

Themes: Unit 4

Essential Question How can you see what you know to help others?

Week 2: Skills and Talents

Themes: Unit 1

Essential Question: How do landmarks help us to understand our country's story?

Week 5: Landmarks

Themes: Unit 3

Essential Question: How can learning help us grow?

Week 3: Growing and Learning

Themes: Unit 3

Essential Question: What ideas can we get from nature?

Week 4: New Ideas

Vocabulary: stanza, line, alliteration, free verse, imagery, lyric, poem, metaphor, onomatopoeia, personification, quatrain, repetition, rhyme scheme, rhythm, simile, speaker

Comprehension Skills:

- Main Idea and Key Details
- Cause and Effect

Grammar: Nouns

- Action Verbs
- Present Tense Verbs and Subject Verb Agreement

Writing:

- Expository Writing

Mathematics:

Math Module 3:

Envisions: Topics 3 - 11

Multiplication and Division with Factors 0,1,6-9

Core Knowledge Content and Skills

Poetry

- Adventures of Isabel

Novel Study

- Selections from *The Wind in the Willows*

Sayings and Phrases

- A feather in your cap
- Last straw

History and Geography:

The Thirteen Colonies: Life and Times Before the Revolution

Geography: The Thirteen colonies by Region

- New England, Middle Atlantic, Southern
- Differences in climate from north to south: corresponding differences in agriculture (subsistence farming in New England; gradual development of large plantation in the South)
- Important cities in the development of trade and government: Philadelphia; Boston; New York; Charleston

Science:

Classifying Invertebrates

- Arthropod
- Cnidarians
- Echinoderms
- Mollusks
- Worms
- Sponges

Art

Elements of Art Space in Artworks

- Understand the following terms: two-dimensional (height, width) and three-dimensional
- Observe relationship between two-dimensional and three-dimensional shapes; square to cube; triangle to pyramid, circle to sphere and cylinder
- Observe how artists can make two-dimensional look three-dimensional by creating an illusion of depth, and examine the foreground, middle ground, and background in paintings.

Music

Elements of Music

Singing unaccompanied, accompanied and in unison. Recognize harmony; sing rounds

Listening and Understanding the Orchestra

Become familiar with woodwind instruments-flute and piccolo (no reeds); clarinet, oboe, bassoon (with-reeds)

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FOURTH GRADE SYLLABUS

English Language Arts: Wonders: McGraw-Hill

Unit 4

Week 3: "The Moon Over Star"

Essential Question: How do inventions and technology affect your life?

Unit 3

Week 3: "W. W. Law and The Fight for Civil Rights"

Essential Question: How can one person make a difference?

Week 4

"The Life of Abraham Lincoln"

Essential Question: How can words lead to change?

Unit 2

Week 1: "The Secret Message"

Essential Question: What are some messages in animal stories?

Vocabulary words: soared, attracted, dazzling, fabric, greed, honest, requested, trudged decade, directing, engineering, gleaming, scouted, squirmed, technology, tinkering boycott, encouragement, fulfill, injustice, mistreated, protest, qualified, registered, address, divided, haste, opposed, perish, proclamation, shattered, tension

Genre:

- Historical Fiction
- Biography
- Folktale

Grammar: Nouns

- Irregular plurals
- Possessive Nouns
- Combining Sentences
- Action Verbs

Comprehension Skills & Strategies

- Point of View
- Author's Point of View
- Ask and Answer Questions

Mathematics:

Module 3: Multi-Digit Multiplication and Division

- Topic 4: Strategies and properties to multiply by 2 digit numbers
- Topic 5: Strategies and properties to divide by 1
- Topic 6: Operations with whole numbers to solve problems
- Topic 7: Factors and multiples

A MATH QUIZ WILL BE GIVEN AFTER EACH LESSON AND A CHAPTER TEST WILL BE GIVEN AFTER THE CHAPTER IS COMPLETED.

Writing:

- Book Review
- Opinion Essay

Core Knowledge Content and Skills**Stories: (Core Knowledge):**

- "Ain't I a Woman" (Sojourner Truth)

STORIES WILL BE READ FROM THE TEXT THROUGH GUIDED READING, COOPERATIVE LEARNING GROUPS AND INDEPENDENT READING

Sayings and Phrases: Core knowledge

- "Haste makes waste"
- "Live and let live"
- "Make ends meet"

Poetry:

- *Clarence* by Shel Silverstein
- *A Tragic Story* by William Makepeace Thackeray

Music: (Core Knowledge)

- Elements of Music
 - Topics
 - Recognize theme and variations
- Songs:
 - *Auld Lang Syne*

Art: (Core Knowledge)

- Art of a New Nation: United States

History and Geography: (Core Knowledge)

- Early Presidents and Politics
- Reformers
- Symbols and Figures

Science : Earth Science

- Rocks- The formation and characteristics of metamorphic, igneous, sedimentary rocks

PREPARATION FOR THE NEW YORK STATE ENGLISH LANGUAGE ARTS AND MATHEMATICS TESTS WILL BE CONDUCTED EACH DAY.

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FIFTH GRADE SYLLABUS

English Language Arts: Wonders: McGraw-Hill

Unit 2: Theme-Big Idea: Taking the Next Step

Unit 3: Theme-Big Idea: Getting from Here to There

Week 1: A Plan of Action

Essential Question: When has a plan helped you accomplish a task?

Week 2: Making It Happen

Essential Question: What motivates you to accomplish a goal?

Week 3: Cultural Exchange

Essential Question: What can learning about different cultures teach us?

Genre:

Folktales

Narrative and Verse Free Poetry

Realistic Fiction

Comprehension Skills and Strategies

Making, Confirming, and Revising Predictions

Reread

Summarizing

Identifying the theme

Writing

Organization

Sequence

Word Choice/ Precise Language

Narrative Text

Grammar, Mechanics, Usage

Possessive Nouns

Prepositional Phrases

Mathematics

Modules 2 and 4: Measurement and Data

Envisions Topics 7, 11, 12

Fractions

Measurement and Data

Core Knowledge Content and Skills

- **Science**
Classifying Living Things
- **Sayings and Phrases**
Birthday suit
Count your blessings
A penny saved is a penny earned
- **Visual Arts**
American Art: Nineteenth Century-United States
Fur Traders by George Caleb Bingham
- **Music (Songs)**
If I Had a Hammer
- **History & Geography**
The Civil War: Causes, Conflicts, Consequences