

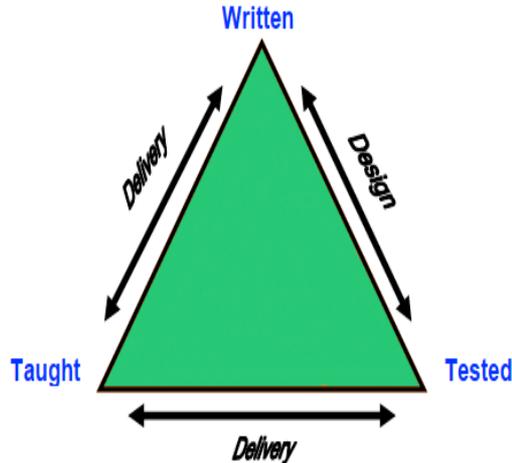
Elementary Curriculum

BOE Presentation November 6, 2018

District Comprehensive Improvement Plan Tenet 3

The district works collaboratively with the schools to ensure CCLS curriculum that provide 21st Century and College and Career Readiness skills in all content areas and provides fiscal and human resources for implementation.

Curriculum Alignment Model



Elementary Curriculum



Science 21 © Putnam/Northern Westchester BOCES



Integrated Social Studies/ELA © Putnam/Northern Westchester BOCES

engage^{ny}
Our Students. Their Moment.

Mathematics www.engageny.org



English Language Arts Adapted from NYS Modules



Science 21 K-5

© Putnam/Northern Westchester BOCES

Kindergarten*

Unit 1 Weather and Climate/ Matter and Its Interactions
Unit 2 Forces and Interactions: Pushes and Pulls
Unit 3 Interdependent Relationships in Ecosystems:
Animals, Plants and Their Environment

First Grade *

Unit 1 Earth's Systems: Patterns and Cycles
Unit 2 Waves: Light and Sound
Unit 3 Structure, Function, and Information Processing

Second Grade*

Unit 1 Structures and Properties of Matter
Unit 2 Earth's Systems: Processes that Shape the Earth
Unit 3 Independent Relationships in Ecosystems

Third Grade

Unit 1 Plant Cycle
Unit 2 How a Scientist Investigates Electricity
Unit 3 Systems: Life Cycle of a Butterfly
Unit 4 Systems: Water Cycle

Fourth Grade

Unit 1 Three Worlds Meet in NYS
Unit 2 Impact of the Colonial and Revolutionary War
Unit 3 National and Local Government
Unit 4 Change Comes to NY

Fifth Grade

Unit 1 Interactions in the Natural World/ Interactions of
Chemical Matter
Unit 2 Interactions in the Micro world
Unit 3 Interactions in the Human Body
Unit 4 Interactions in the Environment



Social Studies/ELA K-5

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Kindergarten

- Unit 1 Myself and Others
- Unit 2 How Can I Be a Good Citizen?
- Unit 3 Understanding Economics and Geography

First Grade

- Unit 1 My Family and Other Families, Now and Long Ago
- Unit 2 Geography, Humans, and the Environment
- Unit 3 Time, Continuity, and Change
- Unit 4 Economic Systems

Second Grade

- Unit 1 Active Citizenship
- Unit 2 Rural, Urban and Suburban
- Unit 3 Geography of Communities
- Unit 4 Change and Interdependence

Third Grade

- Unit 1 Geography
- Unit 2 United States
- Unit 3 Brazil, China, Kenya
- Unit 4 Making a Difference

Fourth Grade

- Unit 1 Three Worlds Meet in NYS
- Unit 2 Impact of the Colonial and Revolutionary War
- Unit 3 National and Local Government
- Unit 4 Change Comes to NY

Fifth Grade

- Unit 1 A New World Rising
- Unit 2 European Explorers and Slavery
- Units 3 , 4, 5 Geography/Government/Economics in the Western Hemisphere
- Unit 6 Cultural Diversity



Atlas English Language Arts PreK-2

Reading Units of Study

<p>Prekindergarten Unit 1 All About Me and My 5 Senses Unit 2 All About Winter Unit 3 All About Community Unit 4 All About the Earth and the Changes All Around Unit 5 At the Zoo</p>	<p>Kindergarten Unit 1 Rhyme Time/Phonemes and Phonics Unit 3 Informational Texts Unit 4 Story Time Unit 5 Informational Texts/Social Studies Unit 6 Informational Texts/Science</p>
<p>First Grade Unit 1 Readers Workshop Launch Unit 2 Fables and Stories Unit 3 Informational Texts/Science/Social Studies Unit 4 Fiction Different Lands, Similar Stories Unit 5 Informational Texts/Science/Social Studies</p>	<p>Second Grade Unit 1 Readers Workshop Launch Unit 2 Fairy Tales and Tall Tales Unit 3 Realistic Fiction Unit 4 Informational Texts/Science/Social Studies Unit 5 Historical Fiction</p>



Atlas

English Language Arts 3-5

Third Grade

Unit 1 Readers Workshop Launch
Unit 2 Realistic Fiction
Unit 3 Informational Text/Science/Social Studies
Unit 4 Fantasy Capturing a Readers' Imagination

Fourth Grade

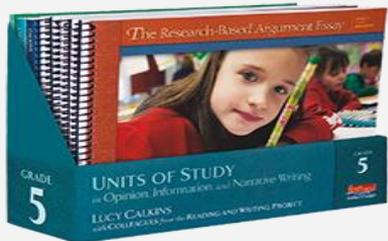
Unit 1 Readers Workshop Launch
Unit 2 Realistic Fiction
Unit 3 Informational Text/ Science/Social Studies
Unit 4 Critical Thinkers of Fiction/Nonfiction
Unit 5 Historical Fiction: Bringing History to Life

Fifth Grade

Unit 1 Readers Workshop Launch
Unit 2 Fictional Unit
Unit 3 Informational Science/Social Studies
Unit 4 Critical Thinking in Fiction and Nonfiction
Unit 5 Biography

Assessments

Fountas and Pinnell
AIMSweb
Foundations Unit Tests
NYS ELA
NYSESLAT



English Language Arts K-5

Teachers College Writing Units of Study

<p>Kindergarten Unit 1 Launching the Writing Workshop Unit 2 Writing for Readers Unit 3 How to Books: Writing to Teach Others Unit 4 Persuasive Writing of All Kinds</p>	<p>First Grade Unit 1 Launching the Writing Workshop Small Moments Unit 2 Writing Reviews/Opinion Writing Unit 3 Nonfiction Chapter Books Unit 4 Scenes to Stories (Fiction)</p>
<p>Second Grade Unit 1 Lessons from the Masters Improving Narrative Writing Unit 2 Writing About Reading Unit 3 Poetry Big Thoughts in Small Packages Unit 4 Lab Reports and Science Books</p>	<p>Third Grade Unit 1 Personal Narrative Writing Unit 2 Writing Chapter Books Unit 3 Persuasive Writing Unit 4 Fiction Writing through Fairy Tales</p>
<p>Fourth Grade Unit 1 Complexity of Characters and Themes Unit 2 Research Topics / Extreme Weather Unit 3 History/ Cross-Text Synthesis/ Close Reading/Multiple Points of View Unit 4 Historical Fiction Clubs</p>	<p>Fifth Grade Unit 1 Developing Themes in Fiction Unit 2 Nonfiction Unit 3 Nonfiction/ Argument and Advocacy Unit 4 Fantasy Book Clubs</p>

Mathematics Prek-2

Prekindergarten

Counting and Cardinality

Geometry

Operations and Algebraic Thinking

Measurement and Data

Kindergarten

Unit 1 Introduction to K Math Concepts and Numbers to 10

Unit 2 Two-Dimensional and Three –Dimensional Shapes

Unit 3 Comparison of Measurements and Numbers to 10

Unit 4 Number Pairs, Addition and Subtraction to 10

Unit 5 Numbers 10-20 and Counting to 100

Unit 6 Analyzing, Comparing, and Composing Shapes

First Grade

Unit 1 Sums and Differences to 10

Unit 2 Introduction to Place Value through Addition and Subtraction within 20

Unit 3 Comparisons, Measurements and Money

Unit 4 Place Value Comparison through Addition and Subtraction to 40

Unit 5 Identifying, Composing, and Partitioning Shapes

Unit 6 Place Value, Comparison Addition and Subtraction to 100

Second Grade

Unit 1 Sums and Differences to 20

Unit 2 Place Value Counting and Comparison

Unit 3 Addition and Subtraction of Lengths

Unit 4 and Unit 5 Addition and Subtraction Word Problems

Unit 6 Foundations of Multiplication and Division

Unit 7 Problem Solving and Length and Data

Unit 8 Time, Shapes, and Fractions in Equal Parts

Mathematics 3-5

Third Grade

- Unit 1 Place Value, Number Sense and Operations
- Unit 2 Multiplication and Division with Problem Solving
- Unit 3 Telling Time and Elapsed Time
- Unit 4 Multiplication and Division with Units of 0, 1, 6-9 and Multiples of 10
- Unit 5 Area
- Unit 6 Fractions
- Unit 7 Graphing- Collecting and Displaying Data
- Unit 8 Geometry, Measurement with Word Problems

Fourth Grade

- Unit 1 Place Value, Rounding and +/- Algorithms
- Unit 2 Metric Unit Conversions/Problem Solving
- Unit 3 Multiplication and Division
- Unit 4 Fraction Equivalence, Ordering and Operation
- Unit 5 Angle Measurement and Plane Figures
- Unit 6 Decimal Fractions
- Unit 7 Exploring Measurement with Multiplication

Fifth Grade

- Unit 1 Place Value and Decimal Fractions
- Unit 2 Multi-Digit Whole Numbers and Decimal Fractions
- Unit 3 Addition and Subtraction of Fractions
- Unit 4 Multiplication and Division of Fractions and Decimals
- Unit 5 Volume
- Unit 6 Problem Solving with the Coordinate Plane

Assessments

- Pre-post and end of module assessments
- Teacher designed tests, quizzes, homework (modules and teacher designed)
- NYS Math Test - Grades 3-5

Curriculum Next Steps -DCIP Action Plan

Curriculum Unit by Unit Review -Elementary Focus ELA and Mathematics

Interim Assessments

Parent Communication

- **CIA Website Updated - Units of Study by Grade Level**
- **Parent/Teacher Conference Curriculum Document Designed**

Enrichment Planning and Implementation 2014-2019

2014-2016

Math/Science Grant STEAM

Strings Program Development-

Field trips/ Cultural Enrichment

Weekly enrichment/clubs

Increase field trips

2016-2017

Math/Science Grant STEAM

**Strings Program Grade 4
Cello, Bass, Violas**

**Student access to newly
renovated Planetarium**

2017-2019

Math/Science Grant MATH

**STEAM Curriculum
Development- LHRIC K-8
STEAM Teacher 2-5**

Strings Program- grade 6

**Assistant Principals facilitate
community school model**

Saturday Academy

Current Enrichment Opportunities

Before, During and After School Opportunities for Students and Families

Healthy Kids

Good News Club

Arts 10566

Boy Scouts, Girl Scouts, Family Scouting

Eat Smart NY

Academic After School Programs for Reading and Math

Intramurals (Basketball, Wrestling, Softball, and Track and Field)

STEAM

Hour of Code

You Be the Chemist Challenge

Chorus, Band, Strings

Artist in Residence - MOCA

Gardening Club with Composting

Jacob Burns See Hear Film

Madden Outdoor Education- Amazing Journey of Water, Hibernation, Portable Earth...

PTO sponsored Wild and Crazy Game Show

Reading Initiatives - Reading Takes Us Out of This World

PBIS Themes / Mentor Texts

Monthly Cultural/Historical Study and Celebrations

Field Trips- Hillcrest School, Legend of Sleepy Hollow, 5th grade NY Philharmonic, 4th grade Historic Hudson Valley trip

Hangin' At Hillcrest

Family Workshops- Literacy, Math, Science



Enrichment Next Steps

Academic Enrichment

Refine and further develop the Walk about Period (WIN)

Music Enrichment

Continue to grow and develop music program

Strings 99 students - Band 138 students - Chorus 112 students

STEAM

Continue to grow and develop STEAM program

Align Field Trips across grade and integrate with curriculum

