

QUINCY PUBLIC SCHOOLS FOURTH GRADE CONSENSUS MAP

What is a Consensus Map? The Latin root word for consensus is *con cen tre* which means the acknowledgement of common truths. A consensus map reflects the “WHAT”—the standards, content and skills agreed upon by a school/district and targets those specific areas in each discipline and across disciplines that are to be addressed with consistency in a school/district. A consensus map outlines the scope and sequence for a specific grade level and allows for each teacher the autonomy to be innovative with “HOW” they teach the agreed upon standards, content and skills outlined on the consensus map.

How to Use the Consensus Map:

- District Supplied Resource: *Purchased by the district/school to utilize with Core Instruction. Grade level curriculum maps are aligned to this resource.*
- District Purchased Supplemental Resources for All Students: *Supplemental enrichment resources purchased by the district/school to use with implementing core instruction for all students.*
- Reading Workshop:
- Writing Workshop:
- Word Study:
- Science:
- Social Studies:
- Math:

SMP= Standards of Mathematical Practice- SMP’s are included in each math unit of study. The Standards of Mathematical Practice in Fourth grade are:

SMP1: Make sense of problems and persevere in solving them.

SMP 5: Use appropriate tools strategically.

SMP2: Reason abstractly and quantitatively

SMP 6: Attend to precision.

SMP 3: Construct viable arguments and critique the reasoning of others.

SMP 7: Look for and make use of structure.

SMP 4: Model with mathematics.

SMP 8: Look for and express regularity in repeated reasoning.

	LITERACY			CONTENT		
	Reading Workshop	Writing Workshop	Word Study: <i>Phonics & Spelling</i>	Math	Science	Social Studies
District Supplied Resource		Zaner Blosser Handwriting		Everyday Math (EM4)- Grade 4	HMH Science Dimensions Grade 4	
District Purchased Supplemental Resources for all students.	Learning A-Z Raz-Plus (See Lit Coach)	Lucy Calkins Units of Study	Phonics Word Study	K-2: Splash Math 3-5: ALEKS	Mystery Science	Pearson MyWorld- See Lit Coach EngageNY Inquiries HMH Social Studies Magazines
August	Launch Reader’s Workshop Framework Developing and Applying Strategies <ul style="list-style-type: none"> • What does readers’ workshop look and sound like? • Classroom library expectations • Roles in a conference • Tracking your reading • Response journals Personal Narrative <ul style="list-style-type: none"> • Close read/text map/vocabulary 	Launch Writer’s Workshop/Personal Narrative Framework <ul style="list-style-type: none"> • Establish routines and procedures • Choosing and using a writer’s notebook • Writing Sample • Conferences Personal Narrative Unit <ul style="list-style-type: none"> • Mentor text • Generating ideas • Internal story • Fragments and run ons • dialogue Handwriting: Getting started lessons	Word Study <ul style="list-style-type: none"> • Launching Lessons 	Math Place Value, Multidigit Addition and Subtraction SMP 2 & 7 <ul style="list-style-type: none"> • Place value • Formal procedures for rounding • Estimation strategies • Solving number stories 	Energy <ul style="list-style-type: none"> • The relations between the speed of an object to the energy of that object. • Energy can be transferred from place to place by sounds, light, heat, and electric currents. • Changes in energy when objects collide. • Design, test, and refine a device that converts energy from one form to another. 	

<p style="text-align: center;">September</p>	<p>Constructed Reading Response: Focus on character traits</p> <ul style="list-style-type: none"> • Structure • Craft a thesis • Title of book • Ways to hook reader • Gather evidence and plan • Support by summarizing/paraphrasing the text • Direct quote • Push thinking and provide a closing statement <p>Realistic Fiction Unit</p> <ul style="list-style-type: none"> • Visualizing • Summary of the text • Inferring characters traits • Point of view • Predictions • Character traits with evidence • Question the text • Theme • Author's language • Writing about Reading • Lit Study <ul style="list-style-type: none"> • Collaborative reasoning groups • Lit. Discussion groups 	<p>Personal Narrative Unit</p> <ul style="list-style-type: none"> • Paragraphs • Text map/plan to develop story • Discovery draft • Sentence variety • Word choice: specific nouns and verbs • Transition words • Verb tense • Introduction • Figurative Language • Strong introduction • Strong conclusion • Edit/Revise • Publish <p>Handwriting</p> <ul style="list-style-type: none"> • l,t,u,w,e,l 	<p>Word Study</p> <ul style="list-style-type: none"> • Long a • Short a • Long e • Short e • Long o • Long i 	<p>Math</p> <ul style="list-style-type: none"> • Traditional addition • Traditional subtraction • Points, line segments, lines, and rays • Angles, triangles, quadrilaterals • Perimeters of squares and rectangles <p>Multiplication and Geometry SMP 6 & 7</p> <ul style="list-style-type: none"> • Square number patterns <p><i>Essential Lessons: Measuring to the Nearest ¼ inch, Extended Facts: Multiplication and Division, Factors of Counting Numbers</i></p>	<p>Waves and their Application in Technologies for information</p> <ul style="list-style-type: none"> • Waves: patters in terms of amplitude and wavelength • Describe how light reflecting from objects and entering the eyes allows objects to be seen. • Generate/compare multiple solutions that use patterns to transfer information. 	
<p style="text-align: center;">October</p>	<p>Informational Reading Unit</p> <ul style="list-style-type: none"> • Previewing a text • How to read informational text • Main idea and supporting evidence • Boxes & Bullets • Fact Question Response • Summarize at text intervals • Determine the meaning of unknown words • Close read of informational texts <ul style="list-style-type: none"> • Guided Reading Groups/Close reading • Reciprocal teaching 	<p>ODW: " Just Like Home" & " Life Doesn't Frighten Me"</p> <p>Research #1</p> <ul style="list-style-type: none"> • Create an authority list for topics: Narrow the topic • Subtopics • Two or more print sources to gather information • System for recording notes • Categories and questions for research • Draw evidence from the text • Synthesize information using a text map • Organize for drafting • Introduce topic/provide concluding statement • Revise/Edit • Publish <p>Handwriting</p> <ul style="list-style-type: none"> • b,h,f,k,r,s,j,p 	<p>Word Study</p> <ul style="list-style-type: none"> • Long u • Closed syllables • Open syllables • Vowel team syllables 	<p>Math</p> <ul style="list-style-type: none"> • Area for rectangles • Multiples • Prime and composite numbers • Units of time • Multiplicative comparisons • Classifying triangles and quadrilaterals • Line symmetry 		<p>Geography: Communities Near and Far</p> <ul style="list-style-type: none"> • Construct print and digital maps and other topographic representations to show the details of places and regions and their environmental characteristics. • Explain how the cultural and environmental characteristics of places change over time. • Investigate the human effects on the physical environment over time. <p>History: Our State, Our Nation</p> <ul style="list-style-type: none"> • Study important individuals or major events in order to recognize and explain that there are multiple cultural perspectives. • Generate questions about multiple historical sources and their relationships to particular historical events and developments. • Explain probable causes and effects of events and developments in Illinois history. .

<p>November</p>	<p>Constructed Reading Response- Integrating of information across 2 texts</p> <ul style="list-style-type: none"> Review structure: Thesis/Boxes/Bullets Gather evidence and plan Support by summarizing/paraphrasing the text Direct quote Push thinking and provide a closing statement Closing Statement <p>Adventure/Fantasy Unit</p> <ul style="list-style-type: none"> Mentor Text Book talk/selection for lit study Fantasy stories/themes Setting Vocabulary Multiple plot lines with problems and solutions Independent Reading Partner Conferences Teacher conferences 	<p>Persuasive Letter Unit:</p> <ul style="list-style-type: none"> Mentor Text/Structure Ideas for writing/plan Structure/paragraphs Drafting with specific words and phrases Introducing topic clearly Revise/Edit Publish <p>Realistic Fiction Unit</p> <ul style="list-style-type: none"> Mentor text Text map Generate ideas Write about themes Select ideas/plan event Narrator's point of view Develop the characters Point of view Showing versus telling Using concrete words and phrases and sensory details Dialogue and Description <p>Handwriting</p> <ul style="list-style-type: none"> Aa,d,g,o,c,q 	<p>Word Study</p> <ul style="list-style-type: none"> Vowel r syllables Compound words Vowel consonant e syllables Consonant le syllables 	<p>Fractions and Decimals SMP 3 & 4</p> <ul style="list-style-type: none"> Equal sharing and equivalence Fraction circles and equivalence Number lines and equivalence Equivalent fractions rule <p>Math</p> <ul style="list-style-type: none"> Comparing and ordering fractions Modeling tenths with fraction circles Modeling decimals with base-10 blocks Tenths and Hundredths: Meter, centimeter Comparing decimals 		<p>Civics: Our State, Our Nation</p> <ul style="list-style-type: none"> Explain the roles and responsibilities of government officials at the local, state and national levels and investigate how the roles and responsibilities of government have changed over time. Define democracy and explain how limited participation affects the political representation of multiple groups. Identify core civic virtues and democratic principles that guide governments, society, and communities. Using evidence explain how rules, regulations, and laws alter or transform societies and how people from multiple communities' influence and experience this transformation.
<p>December</p>	<p>Continue Adventure/Fantasy Unit</p> <ul style="list-style-type: none"> Analyze the writer's word choice Analyze the development of character and plot Analyze figurative language Analyze the theme/symbols <p>Opinion Unit</p> <ul style="list-style-type: none"> Mentor text Author's claim, thesis, supports Facts vs. opinion Asking questions Text features Vocabular: Determine the meaning of unknown words Collaborative Reasoning groups Guided reading: opinion articles Philosophical chairs Socratic seminar Writing about reading 	<p>Continue Realistic Fiction Unit</p> <ul style="list-style-type: none"> Introduction Conclusion Revise: adjectives, pronouns, punctuation for effect Edit: suing resources Publish Reflection and Goal Setting <p>Handwriting</p> <ul style="list-style-type: none"> n,m,y,u,v,z 	<p>Word Study</p> <ul style="list-style-type: none"> Hard and soft c, g R- controlled vowels (ar, or, oar, ore) R-controlled vowels(er, ir, ur) 	<p>Multidigit Multiplication SMP 1 & 7</p> <ul style="list-style-type: none"> Extended multiplication facts Partitioning rectangles Converting liquid measures 		<p>Continue Civics: Our State, Our Nation</p>

<p style="text-align: center; font-weight: bold;">January</p>	<p>Continue Opinion Unit:</p> <ul style="list-style-type: none"> Identifying text structure Credentials of the author Comparison of two articles <p>Informational Unit</p> <ul style="list-style-type: none"> Mentor Text Author's purpose and point of view Text Features: Photograph, chart/graph, fact box, map, timelines Identify text structure Determine the main idea and details Close read: Key ideas and details, craft and structure, integrate knowledge across texts Text Structure Words and phrases Writing about reading <ul style="list-style-type: none"> Guided reading groups Close reading of information texts Collaborative reason groups Socratic seminar Independent reading Conferences 	<p>Research Unit</p> <ul style="list-style-type: none"> Class topic Mentor Text Authority list Determine and narrow the topic Draw evidence from the text Open ended questions to guide research Two or more sources Gathering information from close reading Record information for bibliography Draft from graphic organizer Write with detail: concrete words, domains specific words, descriptions, examples, and evidence Comma before coordination conjunction Introductions Conclusion Revise/Edit Publish <p>Handwriting:</p> <ul style="list-style-type: none"> A,O,D,C,E 	<p>Word Study</p> <ul style="list-style-type: none"> Adverb suffixes (-ly, -ily, -ways, -wise) Variant vowels(oo, ew, ue, ould, ull) Adjective suffixes(-ful, -ous, -ible, -able,-some) Diphthongs /ou/, /oi/ 	<p>Math</p> <ul style="list-style-type: none"> Money number stories Partial Products Multiplication Area models for rectangles and rectilinear figures Multistep multiplication number stories <p>Lattice multiplication Fractions and Mixed Number Computation; Measurement SMP: 2 & 5</p> <ul style="list-style-type: none"> Fraction decomposition Adding Fractions Adding Mixed Numbers Adding Tenths and Hundredths 	<p>Earth's Place in the Universe/Earth and Human Activity/Earth's System</p> <ul style="list-style-type: none"> Rock formations and fossils support an explanation for changes in a landscape over time. Energy and fuels are derived from natural resources and affect their environment. Effects of weathering or the rate of erosion by water, ice, wind or vegetation. Patterns of Earth's features. 	
<p style="text-align: center; font-weight: bold;">February</p>	<p>Continue Informational Unit</p> <ul style="list-style-type: none"> Key ideas and details Summarizing Article content Integrating information across 2 or more articles <p>Historical Fiction Unit:</p> <ul style="list-style-type: none"> Characteristics of historical fiction Mentor text Importance of Setting Characters unfold as history unfolds Character timeline/ historical timeline Infer character feelings Different perspectives Lit Study around historical fiction Conferences Writing About Reading <p>Constructed Reading Response: Focus on theme, symbols, author's craft</p> <ul style="list-style-type: none"> Structure Craft a thesis: theme, symbol, author's craft Support the thesis Support by summarizing/paraphrasing the text Direct quote Push thinking and provide a closing statement 	<p>ODW: "Wild Horses & "Wild Ponies"</p> <p>Persuasive Essay Unit</p> <ul style="list-style-type: none"> Mentor text Generate ideas for writing Elaborate on ideas: push thinking/sustained writing & complete sentences State opinion/support with reasons Graphic organizer: boxes & bullets Reasons supported with mini-stories, other people's stories, parallel lists, quotes, statistics Chose words that convey the precise meaning Linking opinion and reasons with transitional words and phrases <p>Handwriting</p> <ul style="list-style-type: none"> N,M,H,K,U,Y 	<p>Word Study</p> <ul style="list-style-type: none"> Prefixes: trans, pro, sub, super, inter Homophones Negative prefixes: de, un, in, im, dis Greek and Latin Roots: geo, archae, rupt 	<p>Math</p> <ul style="list-style-type: none"> Subtracting mixed numbers Line Plots: Fractional Units Rotations and Iterating Angles Symmetric figures <p>Division; Angles SMP: 5 & 7</p> <ul style="list-style-type: none"> Strategies for division Area: Finding missing side lengths Partial Quotients 	<ul style="list-style-type: none"> 	<p>Economics: Communities Near and Far</p> <ul style="list-style-type: none"> Explain how profits rewards and influence sellers. Describe how goods and services are produced using human, natural, and capital resources (e.g. tools and machines){ Analyze how spending choices are influenced by price as well as many other factors. (e.g. advertising, peer pressure, options) Explain that income can be saved, spent on good and services, or used to pay taxes.

<p style="text-align: center;">March</p>	<p>Continue Historical Fiction Unit</p> <ul style="list-style-type: none"> Track multiple plotlines and problems Character problems/historical problems Underlying messages Writing style/figurative language Language used to evoke feelings Historical Fiction Lit Discussion Groups <p>Autobiography/Biography Unit:</p> <ul style="list-style-type: none"> Mentor Text Characteristics of biography/autobiography: mission vision, character traits How historical setting influences the character Vocabulary associated with the time/history Biography vs. Autobiography Point of view, author credibility, purpose Features: timelines, maps, photos, letters, quotes, primary sources Common themes Comparison of themes Guided Reading Close Reading Lit Discussion Independent Reading Partner conferences Teacher conferences 	<p>Continue Persuasive Essay Unit</p> <ul style="list-style-type: none"> Organizational structure Introduction Concluding Section Revision: prepositional phrases, clarity and support, word choice Edit: grammar usage, relative pronouns, relative adverbs, conventions Reference materials <p>Research Unit:</p> <ul style="list-style-type: none"> Authority List Organizing information: categories/chapters Creating research questions Notetaking: paraphrasing, quotes <p>Handwriting</p> <ul style="list-style-type: none"> Z,V,W,X 	<p>Word Study</p> <ul style="list-style-type: none"> Variant vowel(au, al, aw) Noun suffixes(-dom, -ity, -ition, -ment, -ness) Latin Roots: mis, agri, duc, duct, man R-controlled vowels(air, are, ear) 	<p>Math</p> <ul style="list-style-type: none"> Expressing and interpreting remainders Measuring angles Using a half-circle protractor Number stories with fractions and mixed numbers <p>Multiplication of a Fraction by a Whole Number: Measurement SMP: 2 & 8</p> <ul style="list-style-type: none"> Converting liquid measures Customary units Multiplying fractions 		<p>Continue Economics</p>
<p style="text-align: center;">April</p>	<p>Traditional Literature(Fables, Folktales, Fairytales)</p> <ul style="list-style-type: none"> Immersion in the Genre(folktales, fairytales) Characteristics Deconstruct the story/structure Character traits/roles Compare different versions Author's craft Themes Structure of folk and fairytales Characteristics of fables Character traits and conflicts in fables Lessons learned/theme moral in fables Compare and contrast lessons learned between characters different versions of the same fable Lit Discussion and Close Reading "The Fisherman and His Wife" 	<p>Continue Research Unit:</p> <ul style="list-style-type: none"> Note taking: multiple sources of information, digital sources, evaluating credibility of sources, provide biographic information, clarifying unfamiliar words and collecting domain specific words Draft thesis and supporting details Graphic organizer Paragraphs Sentence variety Strong verbs Specific nouns Effective introduction: question, quote, fact, create a scene Concluding statement related to topic Revise Edit Publish <p>Handwriting</p> <ul style="list-style-type: none"> I,J,Q,T,F 	<p>Word Study</p> <ul style="list-style-type: none"> Adding ending with spelling changes Latin and Greek roots: ven(come), migr(move), graph(write), mit(Send), aud(hear) 	<p>Math</p> <ul style="list-style-type: none"> Division Measurement Number Stories Decimal Number Stories <p>Fraction Operations: Applications SMP: 1 & 4</p> <ul style="list-style-type: none"> Extending multistep number stories Real-life angle measures as additive 	<p>From Molecules to Organisms</p> <ul style="list-style-type: none"> Plants and animals have internal and external structures that function to support survival, growth, behavior, and reproduction. Animals receive different types of information through their senses, process the information in their brain, and respond to the information in different ways. 	

May

Poetry Unit

- Differences between story, drama, poems
- Theme of a poem
- Poets choose specific words and phrases to tell a story
- Figurative language
- Structural elements: verse, rhythm, meter
- Mood and themes
- Poetry Partners

Class Selected Genre

- Discuss and categorize previous taught genres
- Character change over time based on problem
- Developing and revising theories about characters
- Authentic characters: dialogue, head thoughts, actions
- Interpret the mood of the text using words and illustrations
- Setting vs. character's actions
- Infer character motivations
- Comparison of texts
- Reflection: How have books changed me? What ways have I changed in reading behaviors and what are my new goals?
- Flexible groups and Lit Study

Poetry Writing Unit

- Determine topics to write about
- Write narrative poetry
- Stanzas
- Words and phrases that convey the ideas, nouns, verbs, figurative language, sensory words
- Punctuation for effects
- Revise for rhyme, rhythm, or repetition
- Edit and publish

Revision Unit

- Reread previous writing
- Review the meaning of revision
- Ask questions to revise
- Ownership to rewrite
- Present Ideas in a logical way
- Cohesion between paragraphs
- Word Choice
- Revise introduction
- Revise conclusion

Handwriting

- Review

- Review lessons as needed

Math

- Pattern-Block Angles
- Extending Line Symmetry
- Line Plots
- Fractions and Perimeters
- Decimal Number Stories
- Areas of rectangles with fractional side lengths
- Fraction multiplication number stories
- Fractions and liquid measures
- Place value and operations

- Review concepts

Engineering Technology

- How do we define a problem?
- How can we design a solution?