

Welcome to 4th Grade 2023 - 2024

Teachers

**Karen Koons, JoAnne Thaves, Molly Goossens,
Leanna Miller, Abigail Roque**

3 Key Ideas about Common Core

1. Think Deeply

- Emphasizes critical thinking.
 - Take Away: Thinking deeply is hard. Let it BE hard, help them talk it out.

2. Integrating Learning

- Emphasizes learning across disciplines.

3. Showing How They Know

- Emphasizes proof and evidence.
 - Take away: Students will be required to show and explain how they find an answer.

Reading - Literature

ReadyGen & Arriba la lectura

Analyze text - Narrative & Informational

End of Unit Tests/Performance Based Assessments

Three main areas of focus:

1. Key Ideas & Details

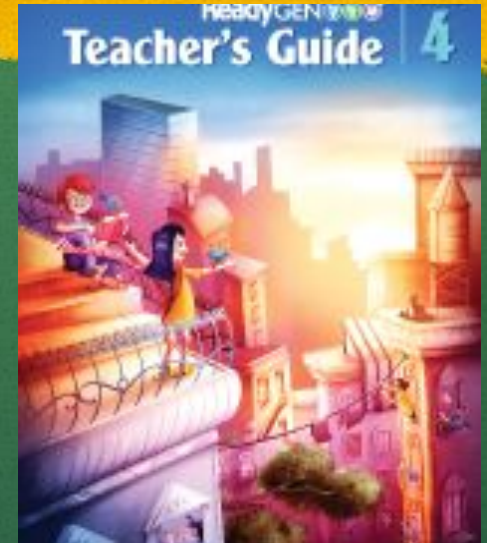
- a. Use specific details from the text when talking or writing about the text.
- b. Make inferences and draw conclusions
- c. Determine the theme.
- d. Summarize the text
- e. Describe in depth story elements

3. Analyze Craft and Structure

- a. Identify and compare point of view

4. Integration of Knowledge and Ideas

- a. Compare the treatment of similar themes and topics in stories, myths, and traditional literature from different cultures.



Reading - Informational

Three main areas of focus:

1. Key Ideas & Details

- a. Use specific details from the text when talking or writing about the text.
- b. Make inferences and draw conclusions
- c. Determine the main idea and support with evidence from the text.
- d. Summarize the text

2. Analyze Craft and Structure

- a. Describe the overall structure of events, ideas, concepts, or information in a text or part of a text. *Example: cause/effect, problem/solution, comparison*

3. Integration of Knowledge and Ideas

- a. Integrate information from two texts on the same topic in order to write or speak about the topic knowledgeably.
- b. Interpret information presented visually, orally, or quantitatively (e.g., in charts, graphs, diagrams, time lines, animations, or interactive elements on Web pages) and explain how the information contributes to an understanding of the text in which it appears.



Homework

Reading Every Day

- Sustained reading 20 - 30 minutes a night
- Read to learn, read for a purpose, read for enjoyment
- Balance between literature and informational text
- RAZkids / Pierce County Library System



Writing

- **Opinion pieces**
 - support with 2 pieces of evidence from text - explain how it supports opinion
- **Narratives (fiction)**
 - characters, dialogue, plot, setting **IN DEPTH**
- **Expository (nonfiction)**
 - support with facts from text / text features - explain how features support understanding of text
- **Foundational skills**
 - grammar, spelling, punctuation, word study



RACER/RISK

Paragraph Writing

R - restate question

A - answer question

C - cite evidence (from text/text feature)

E - explain how evidence supports your answer

R - restate again and conclude

(We ask students to provide multiple pieces of evidence with explanations for each piece.)

R - restate question

I - infer answer

S - what do you see in text/text feature to support your answer

K - what do you know (understand) already to help you explain your answer

Mathematics-Operations and Algebraic Thinking

Use the four operations with whole numbers to solve problems.

- a. **Multiply or Divide to solve word problems**
- b. **Solve multiple step word problems**

Gain familiarity with factors and multiples

- a. **Find factor pairs for a whole number**
- b. **Determine if a number is a multiple of another number**

Generate and analyze patterns

Identify, create, and explain number and shape patterns

How can you help?

**Practice basic (0-12)
multiplication & division facts**

**Practice adding and subtracting
with regrouping 4 plus digits**

Mathematics –Number and Operations in Base Ten

$$\begin{array}{r}
 259 \\
 9 \overline{)2331} \\
 \underline{900} \quad 100 \quad (100 \times 9) \\
 1431 \\
 \underline{900} \quad 100 \quad (100 \times 9) \\
 531 \\
 \underline{450} \quad 50 \quad (50 \times 9) \\
 81 \\
 \underline{81} \quad 9 \quad (9 \times 9) \\
 0 \quad 259
 \end{array}$$

Place Value Understanding for Multi-Digit Numbers

- Rounding
- Comparing
- Naming a number in different forms

Use the four operations to solve problems

- addition (up to million)
- subtraction (up to million)
- multiplication (2 digits by 2 digits & 4 digit by 1 digit)
- division w/remainers (4 digits by 1 digit)

Strategies used to solve are as follows:

- solve using pictures, words, numbers,
- area models/tape diagram
- partial product multiplication
- standard algorithm multiplication
- partial quotient division

Area Model

$$23 \times 34 = 782$$

	20	3
30	20 x 30 = 600	3 x 30 = 90
4	20 x 4 = 80	3 x 4 = 12

$$\begin{array}{r}
 1 \\
 600 \\
 90 \\
 80 \\
 + 12 \\
 \hline
 782
 \end{array}$$

Mathematics-Numbers and Operations - Fractions

Fractions - fractions with denominators 2, 3, 4, 5, 6, 8, 10, 12, and 100.

- equivalence
- ordering
- multiplying by whole numbers
- adding and subtracting w/like denominators

Decimals - to the tenths and hundredths place

- as a fraction ten
- compare decimal fractions
- adding and subtracting

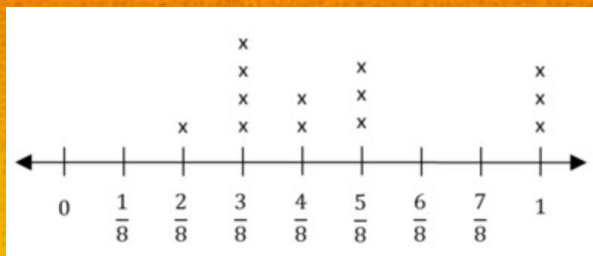
How can you help?

Cooking - recipes with common measurements ($\frac{1}{2}$ cup, $\frac{1}{4}$ teaspoon, quarts, ounces), double or halve the recipe

Money - dollars, cents ($\frac{1}{4}$ of a dollar, \$0.50, 3 for \$10.00 - how much for one

Find a common denominator

$$\frac{4}{6} \text{ } \textcircled{<} \text{ } \frac{3}{4}$$
$$\frac{4 \times 4}{6 \times 4} = \frac{16}{24} \quad ; \quad \frac{3 \times 6}{4 \times 6} = \frac{18}{24}$$



Mathematics- Measurement and Data

Solve problems involving measurement and conversion of measurements.

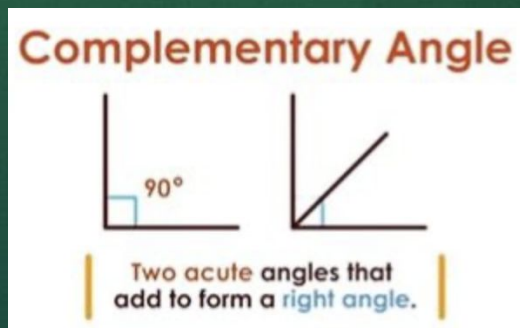
- Use the four operations to solve word problems involving distances, intervals of time, liquid volumes, masses of objects, and money.
- Area & Perimeter of rectangles

Represent and interpret data.

- Make a line plot to display a data set of measurements in fractions of a unit

Geometric measurement: understand concepts of angle and measure angles.

- Measure angles in whole-number degrees using a protractor. Sketch angles of specified measure.
- Solve problems adding and subtracting angles



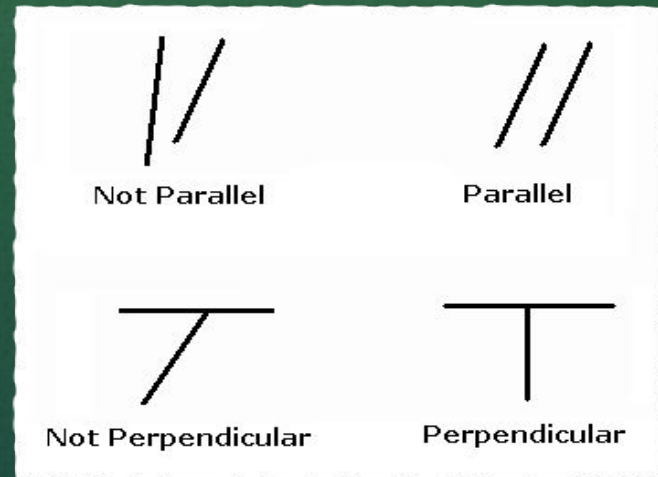
Mathematics - Geometry

Draw and identify lines and angles, and classify shapes by properties of their lines and angles.

- Draw points, lines, line segments, rays, angles (right, acute, obtuse), and perpendicular and parallel lines. Identify these in two-dimensional figures.
- Classify two-dimensional figures based on the presence or absence of parallel or perpendicular lines, or the presence or absence of angles of a specified size.
- Recognize and identify right triangles.
(Has one right angle)



- Recognize a line of symmetry for a two-dimensional figure



Eureka Math

- Homework - as requested
- Zearn <https://www.zearn.org/>
 - Reinforce concepts taught
 - Individual Sign in
 - Teacher can check progress
- Eureka Math Videos - Watch these videos to understand math concepts being taught in class
 - Link to Module 1 Math Videos: [Click Here](#)

Science & Social Studies

TCI Science

- Plants and Animals
- Structures
- Energy
- Earth's Changing Surface
- Waves (Sound Waves)



Social Studies:

4th grade social studies is on **Washington State**

- History
- Civics
- Tribal Sovereignty
- Geography
- Economics

Skills to Be a Successful 4th grader

● Independence

- Think before acting
- Make decisions/accept consequences

● Respect

- Listen to others

● Responsibility

- Turn in homework on time
- Fill out planner daily
- Take care of loaned materials



Second Step

Skills for Social and Academic Success

All Grades K -5

4th grade focus

- Empathy and Skills for Learning
- Emotion Management
- Problem Solving
- First day of week 20 - 30 minutes
- Reinforced throughout week
- Reinforced throughout school
- Home Link Handouts - Via SeeSaw

Ways to Support Your Child

Check Orange Folder

- Everyday
- Ask questions - Don't accept "I don't know"
- Ask to see work

Math

- Practice facts
- Talk about uses in everyday life

Reading

- 20 min a night (chapter books)
- Talk about what they've read

