



# 5<sup>th</sup> Grade Curriculum

2014 - 2015

**NOAH WEBSTER**  
**SCHOOLS**



# Mission Possible

We accept the mission.



# Beyond Textbooks (BT)

# Beyond Textbooks (BT)

- Reading (Language Arts) and Math
- Weekly Newsletter will inform you of the week's standards
- Essential Standards
- Grades: Three for Each Essential Standard in BT
  - Common Formative Assessment (CFA)
  - Additional Standard Assessment (SA)
  - Parallel Formative Assessment (PA)-student will demonstrate retention of specific skill

# Beyond Textbooks (BT): Reading

- I can cite evidence to support an inference made from the text (literature).
- I can summarize the theme of a story, drama, or poem using evidence from the text.
- I can explain how different plot elements work together to build a story, drama, or poem.
- I can compare and contrast two or more characters, settings, or events in a story or drama.
- I can describe how a narrator's point of view influences how events are described.
- I can interpret the meaning of words or phrases in a text.

# Beyond Textbooks (BT): Reading

- I can compare and contrast stories in the same genre for similar themes and topics.
- I can summarize two or more main ideas of a text and explain how they are supported by key details.
- I can compare and contrast the aspects of two or more texts using reading strategies (ex. sequencing, cause/effect, and problem and solution), graphic organizers, and text summaries.
- I can cite evidence to support an inference made from the text(Informational text).
- I can synthesize information from multiple print or digital sources to answer questions or solve problems.

# Beyond Textbooks (BT): Reading

- I can analyze multiple sources of the same event or topic, noting important similarities and differences in the point of view they represent.
- I can describe cause and effect relationships between individuals, events, or ideas in information text.
- I can explain how an author uses reasons and evidence to support a particular view in a text.

A group of diverse students and a teacher smiling, overlaid with a teal gradient. The image shows a young boy on the left, a girl with glasses in the foreground, another girl behind her, and a woman on the right. The text "Assessing Our Students" is centered in a white serif font on a dark teal rectangular background.

# Assessing Our Students



# Common Formative Assessment: Math & Reading

- 5 questions given on the current standard being taught to see if mastery has been met
- 3 multiple choice items
- 2 extended response question

# Reteach & Enrich: Math

- Students who need more opportunities to demonstrate mastery after the Common Formative Assessment will attend Reteach classes Monday through Thursday, 12:30 to 1:00
- Students who demonstrate mastery will be given material to Enrich their standard skills during the same time period

# Assessment Grades

- Each BT Standard has 3 Assessment Grades
  - A Standard Assessment that assesses the progress of the skill
  - BT Common Formative Assessment
  - Parallel Formative Assessment when needed

A teal-tinted photograph of a teacher and four students smiling in a classroom setting. The teacher is on the right, and the students are on the left. The background shows a whiteboard with some faint writing.

# Math Curriculum Overview

# 5<sup>th</sup> Grade Math Curriculum

- I can read, write, and compare decimals to thousandths.
- I can round decimals to a given place value.
- I can multiply multi-digit whole numbers.
- I can divide multi-digit whole numbers by whole number divisors with and without remainders using various strategies.
- I can add, subtract, multiply and divide decimals to hundredths place using models or drawings.
- I can solve numerical expressions following the rules of order of operations.
- I can add and subtract fractions with unlike denominators including mixed numbers.

# 5<sup>th</sup> Grade Math Curriculum

- I can solve word problems involving addition and subtraction of fractions and mixed numbers.
- I can interpret the product  $(a/b) \times q$  as a parts of a partition of  $q$  into  $b$  equal parts.
- I can find the area of a rectangle with fractional sides using a model or algorithm.
- I can solve fraction word problems with multiplication using models or equations.
- I can create and solve real world problems by dividing fractions and whole numbers in lowest terms.
- I can describe the attributes of 2 dimensional figures.
- I can interpret multiplication as scaling.

# 5<sup>th</sup> Grade Math Curriculum

- I can solve word problems involving division of whole numbers with answers in the form of fractions or mixed numbers.
- I can calculate the volume of a rectangular prism using a model and algorithm.
- I can solve word problems by using metric or customary conversions.
- I can create and analyze information on a line plot using measurement data.
- I can classify 2-d figures in a hierarchy.
- I can identify and form new ordered pairs and graph them on a coordinate plane.
- I can graph points on a coordinate plane using real-world situations.

A teal-tinted photograph of a smiling teacher and three young students in a classroom setting. The teacher is on the right, and the students are on the left and center. The text "Daily Math Skills (DMS)" is overlaid in white on a dark teal rectangular background.

# Daily Math Skills (DMS)



# Daily Math Skills (DMS)

- Addition and Subtraction Facts 0–20
- Multiply/Divide 0-12
- Multiply/Divide 3 Digits by 2 Digits
- Add/Subtract Decimals with Regrouping
- Factors and Greatest Common Factors
- Multiply/Divide/Add/Subtract Mixed
- Reduce Fractions
- Identifying Least Common Denominator
- Convert Mixed Fractions to Improper & Back
- Convert Fractions, Decimals & Percentages
- Add/Subtract/Multiply/Divide Mixed

# Goals of Daily Math Skills (DMS)

- Fluency Goal for Mastery in 5th grade is 80 correct for Skill Probes
- 20 minutes a day, we focus on Math Skill Fluency
  - Practice with a partner (focus on accuracy)
  - Individual practice (focus on speed and accuracy)
  - Scoring of daily assessment
  - Correct problems missed
  - Record score on progress chart

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# Reading Curriculum Overview

# 5<sup>th</sup> Grade Reading Curriculum

- McGraw-Hill Reading
- Stories and Selections at Class Reading Level
- Teachers Utilize McGraw Hill, Leveled Readers, and Chapter Books to Focus on Comprehension and Retell Skills
  - Reading Strategies
  - Make Predictions
  - Sequence of Events
  - Cause and Effect
  - Compare and Contrast
  - Summarize
  - Make and Explain Inferences

# 5<sup>th</sup> Grade Reading Curriculum

- Draw Conclusions
- Important and Unimportant Information
- Main Idea and Supporting Details
- Conclusions and Generalizations-Support with Evidence from Text
- Problem and Solution
- Judgments and Decisions

# DIBELS

- Oral Reading Fluency Goals
  - Beginning of Year
    - 111 Words Per Minute
  - Mid-Year
    - 120 Words Per Minute
  - End of Year
    - 130 Words Per Minute
- Groups are formed to help with specific reading skills for students below the fluency goal

A teal-tinted photograph of a smiling teacher and four students in a classroom setting. The teacher is on the right, and the students are on the left and center. The text 'Grammar Curriculum Overview' is overlaid in white on a dark teal rectangular background.

# Grammar Curriculum Overview

# 5<sup>th</sup> Grade Grammar Curriculum

- Easy Grammar
- Evan Moor Language Fundamentals-Daily Review
  - Prepositions
  - Verbs
  - Nouns
  - Types of Sentences
  - Conjunctions
  - Interjections
  - Adjectives
  - Adverbs



# 5<sup>th</sup> Grade Grammar Curriculum

- Pronouns
- Friendly Letter
- Capitalization
- Punctuation
- Writing Sentences



# Social Studies Curriculum Overview

# 5<sup>th</sup> Grade Social Studies Overview

- Ancient America to Reconstruction
- US Studies Weekly
  - World/U.S. Geography
  - American Indian Nations
  - Explorers
  - Colonies
  - American Revolution
  - Westward Expansion
  - Civil War

# 5<sup>th</sup> Grade Social Studies Overview

- Constitution Classes (will begin 4<sup>th</sup> quarter)
- American Hero Stories



# Science Curriculum Overview

# 5<sup>th</sup> Grade Science Curriculum

- Science Weekly
- Topics of Study
  - Force, Motion, and Simple Machines
    - Gravity/Friction
    - Effects of Motion
  - Matter
    - Physical/Chemical Properties
    - Mixtures/Compounds

# 5<sup>th</sup> Grade Science Curriculum

- Solar System
  - Moon and Lunar Cycle
  - Planets/Earth's Rotation
- Body Systems
  - Skeletal, Muscular, Nervous Systems
  - Individual Science Fair Participation

# 5<sup>th</sup> Grade Science Curriculum

- All Students Kindergarten through 6<sup>th</sup> Grade (K-6<sup>th</sup>) will be exploring the basic fundamentals, concepts, and principles of science to include:
  - Scientific Method (Formulation and validation of Hypothesis with experimentation)
  - Animal and plant biology
  - Earth, space, and environmental Science
  - Geology (Study of different rocks, elements, metals)
  - Chemistry



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# Writing Curriculum Overview

# 5<sup>th</sup> Grade Writing Curriculum

- Write From The Beginning
  - Teaches the foundations of descriptive and detailed five paragraph writing
  - Flee maps are used to organize the parts of the writing process
  - Mini Lessons are used to focus on specific criteria in a fun and engaging way
- Writing Genres
  - Personal Narrative
  - Expository-Inform and Describe
  - Letter Writing

# 5<sup>th</sup> Grade Writing Curriculum

- Research
- Poetry
- Persuasive
- Literary Response



# Vocabulary & Spelling Curriculum Overview

# 5<sup>th</sup> Grade Vocabulary & Spelling Overview

- Wordly Wise 3000
- 15 Words per Week
  - Definitions
  - Rich Word Study
  - Academic Vocabulary
- Prefix Words
- 10 Words per Week
  - Every three weeks is a review week of last two weeks

# 5<sup>th</sup> Grade Vocabulary & Spelling

## Overview Worldy Wise 2000

Word	Definition
1. Accustom	To make familiar; used to <b>Accustomed:</b> usual
2. Alert	Watchful; wide awake, to warn to be ready; A warning signal
3. Assign	To select for a position or for what has to be done; to give out, as a piece of work to be done
4. Budge	To move or shift
5. Burly	Big and strongly built
6. Companion	One who spends time with or does things with another
7. Compatible	Getting along well together
8. Concept	A general idea or thought about something
9. Distract	To draw one's thoughts or attention away from the subject at hand. <b>Distraction:</b> Something that draws ones thoughts or attention away
10. Jostle	To push or shove
11. Obedient	Doing what one is asked or told <b>Obedient:</b> The state of condition of doing what one is told
12. Obstacle	Something that prevents one from moving forward
13. Patient	Willing to wait without complaining. <b>Patience:</b> A willingness to wait for someone or something without complaining
14. Pedestrian	A person who is walking. Someone traveling on foot
15. Retire	To stop working because one has reached a certain age <b>Retirement:</b> The state of no longer working

# 5<sup>th</sup> Grade Vocabulary & Spelling

## Overview Prefixes

### Word List: bi-

bi

two

### Vocabulary

### Definitions

bicolor (adj)

having two different colors

bicuspid (n)

a two-pointed tooth located in the side of the jaw

bicycle (n)

a vehicle with two wheels

biennial (adj)

happening every two years

bifocals (n)

eyeglasses with lenses that have two different sections for seeing close up and far away

bilingual (adj)

able to speak two languages

bimonthly (adj)

happening every two months

biped (n)

a two footed creature

biplane (n)

an airplane with two pairs of wings

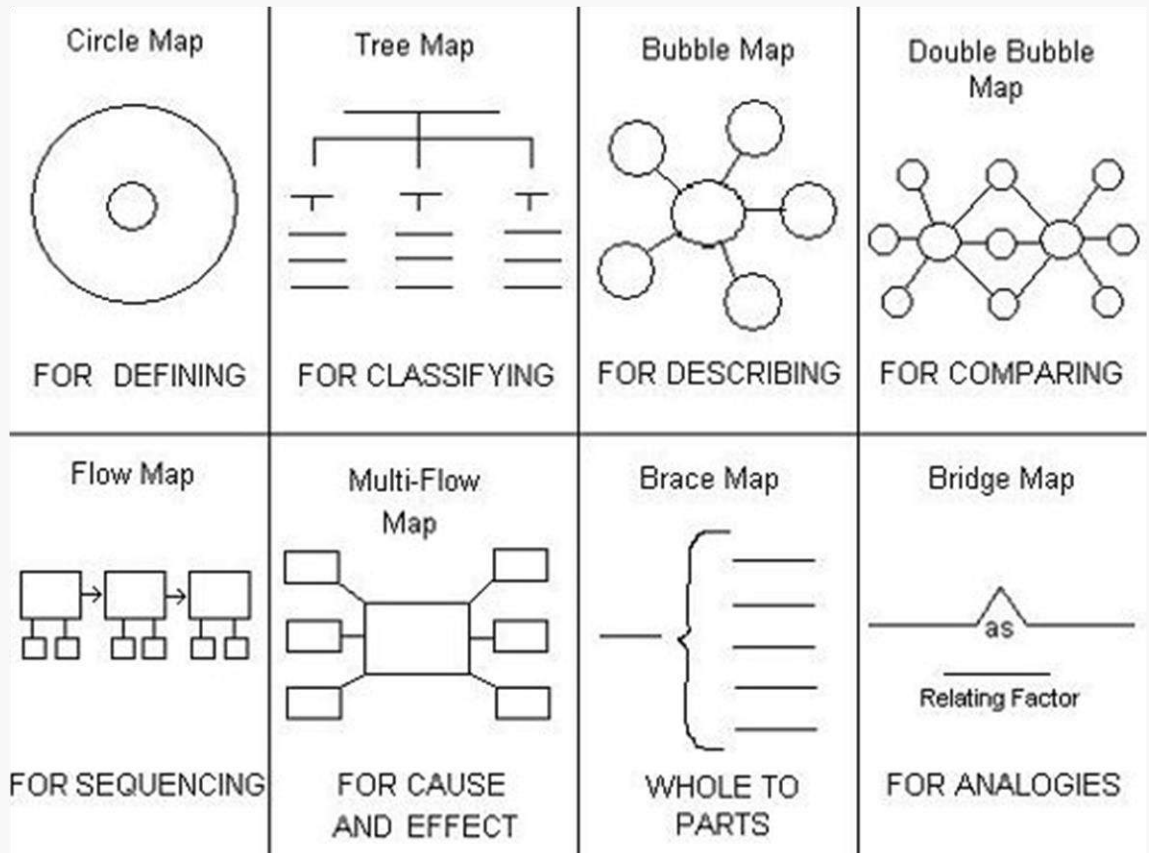
biweekly (adj)

happening every two weeks

# Thinking Maps

- Specific ways to organize specific information
- Used across all academic subjects

- Circle
- Bubble
- Double Bubble
- Tree
- Flow
- Multi-Flow
- Brace
- Bridge





# Technology

- Polyvision Smartboard
  - Allows for interactive activities to engage learners
  - Instant access to multimedia for visual learners
- Fifth Grade Individual Student Laptops
  - 1 hour a week (two 30 minute sessions) on A+ Math
  - 30 minutes a week on A+ Reading
  - Additional opportunities for class activities, research, practicing spelling or vocabulary, and typing assignments

# Technology

- A+ Program
  - Prescription for each student
  - Each lesson is based on the Pretest
  - If students can demonstrate mastery on the pretest, they are given credit for the lesson and move on
  - Program can both enrich and reteach math and reading skills
- Fuse Document Camera
  - Allows for teacher modeling on any activity or assignment
  - Allows for students to share their work with the class

# Field Trips

- Integral part of meeting individual learning styles
- All field trips provide curriculum enrichment
  - American Heritage Days
    - November
  - Colonial Day (at school)
    - December
  - Arizona Science Center/Planetarium
    - 3<sup>rd</sup> Quarter
  - Halle Heart Museum
    - 4<sup>th</sup> Quarter

# Homework & Planners

- Monday – Thursday
- Please take out all papers on the “keep at home” side of the blue homework folder every night
- Nightly Homework:
  - 25 minutes of reading
  - 1 minute fluency score (WPM)
  - Spelling Activity
  - Math Assignment
  - Daily Math Skills Practice
  - Other work may be assigned based on class/student needs

# Homework & Planners

- Students will be expected to study for tests
- Parents should check homework and sign the planner nightly
- Students earn up to 8 points each week (2 points for all homework completed, 1 point for partial homework completed, and 0 points for no homework)
- **Homework is averaged into GPA**

# A Typical Day

Bell Work	8:30
Math	8:50
<i>Recess</i>	<i>9:45</i>
Writing	10:00
Vocabulary/Spelling	10:30
A+ Reading	11:00
DMS	11:30
<i>Lunch</i>	<i>11:40</i>
DMS Grade	12:15
Reteach/Enrich	12:30
Grammar	1:00
Science Lab	1:25
Reading	2:00
EOD Planner/Study	2:45-

# Practice at Home

- A+: <http://noahwebster.lrpnow.com>
- Spelling Lists & Practice: [www.spellingcity.com](http://www.spellingcity.com) (Games and Practice)
- Vocabulary Practice: [www.wordlywise3000.com](http://www.wordlywise3000.com) (Vocabulary Games and Practice - Book 5)

# 5<sup>th</sup> Grade Specials

- Music
  - 30 minutes, once a week
  - Lessons are presented in three-week units with an assessment at the end.
  - Utilizes interactive white board activities and a variety of engaging songs, instruments, and games.
- Physical Education (P.E.)
  - 30 minutes, once a week
  - Additional P.E. classes on a rotation
  - Please help your child wear appropriate footwear and bring a water bottle when they have P.E.
  - Activities focus on team work, sportsmanship, personal integrity and fair play.



# Noah Webster Library

- Through our Noah Webster website, Quest allows students to access our current library catalog system from anywhere they have access to the Internet.



5<sup>th</sup> Grade Thanks You For  
Accepting The Mission

2014 - 2015

**NOAH WEBSTER**  
**SCHOOLS**