



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

2014 - 2015

**NOAH WEBSTER**  
**SCHOOLS**

# Mission ~~Im~~Possible

... a good teacher **explains**

... a superior teacher **demonstrates**

... a great teacher **inspires**

A group of smiling children and a woman, 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 word "Agenda" is centered in white text on a dark teal rectangular background.

# Agenda

# Agenda

- Curriculum overview 2014 – 2015
- Beyond Textbooks: Math & Reading
- Grading: **grammar, vocabulary, reading (language Arts) writing, science, social studies, spelling, math**
- Homework & Planners
- Typical Day in the Classroom
- 6<sup>th</sup> Grade Activities
- Parent Volunteers

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

# Curriculum Overview

# 6<sup>th</sup> Grade Curriculum Overview

- Math
  - Beyond Textbooks calendar
  - Daily Math Skills (DMS)
  - A+ (laptops)
  - Digits math (7<sup>th</sup> – 8<sup>th</sup> grade)
- Language Arts (Reading, Grammar, Vocabulary)
  - Beyond Textbooks
  - Literature
  - Chapter Books
  - Science
  - Easy Grammar
  - Wordly Wise
  - Greek & Latin
  - High Frequency

# 6<sup>th</sup> Grade Curriculum Overview

- Spelling
  - Vocabulary words
- Writing
  - Write from the beginning process
- Science and Social Studies
  - Science world
  - Science fair
  - Beyond text books
  - Calendar (Social Studies)
  - A+ lessons
  - Internet resources
  - United streaming

# 6<sup>th</sup> Grade Curriculum Overview

- Computers
  - Tux typing
  - Microsoft Office Suite
  - Presentations
  - A+
- Character Education
  - 7 Habits of Happy Kids
- Career Readiness
  - Ja BizTown





# Beyond Textbooks (BT)

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- Standards Mapped for calendar year
- Unwrapped Documents
  - Student Objectives by standards
- Grades for Reading & Math
  - Common Formative Assessment (CFA)
  - Standards Assessment (either before or after the CFA)
  - Parallel Assessment (2<sup>nd</sup> test on the same standard)

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 center, and a woman on the right. The background is a light blue wall with some faint markings.

# Assessing Our Students

# Common Formative Assessment: Math & Reading

- 5 Question-test based on standard
  - 3 multiple choice questions
  - 2 extended responses (students have to write out the answer)
  - Parallel Assessment after re-teaching

# Parallel Assessment: Math & Reading

- 5 multiple choice questions
  - Given after re-teaching a concept
- Both scores are entered into grade book
  
- Examples:
  - Unwrapped Document
  - Formative Assessment
  - Parallel Assessment

# Standards Assessment: Math & Reading

- Resources: above grade Level
  - Internet
  - Beyond Textbooks
  - Worksheets from work books

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)

- Add/Subtract/Multiply/Divide
- Add/Subtract/multiply/divide Decimals
- Add/Subtract Fractions/unlike denominators
- Multiply/Divide Fractions
- Add/subtract/multiply/divide fractions
- Add/subtract integers
- Multiply/divide integers - fractions & whole numbers
- Convert fractions to decimals/decimal to fraction/fraction to percent/percent to fraction



# Goals of Daily Math Skills (DMS)

- Current Fluency Goal for Mastery is 80 Points (median)
- 20 minutes Monday thru Friday
  - Practice with a partner for three-minutes (focus on accuracy)
  - Individual practice for two minutes (focus on speed and accuracy)
  - Scoring of daily assessment
  - Correct problems missed or continue
  - Record score on individual progress chart – **see student planner for score**

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 text 'Math Curriculum Overview' is overlaid in white on a dark teal rectangular background.

# Math Curriculum Overview

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

- Prime Factorization: determining greatest common factor & least common multiple
- Estimation strategies: add, subtract, multiply, divide multi-digit decimals
- Dividing multi-digit numbers & justification using place value
- Using models to divide fractions: creating & solving word problems
- Ratio relationship to understand unit rate
- Real world problems with ratio and ratios using diagrams
- Converting between fractions, decimals, percents & ratios
- Create & simplify numerical expression
- Use a chart, table or graph to demonstrate relationships between two quantities in words & expressions

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

- Solve problems using the properties of supplementary, complementary & vertical angles
- Calculate surface area of a 3D solid by creating a net
- Calculate the volume of right rectangular & right triangular prisms
- Calculate & estimate the circumference & area of a circle
- Solve logic problems & justify answers
- Use theoretical probability to predict, compare, & replicate experimental outcomes
- Organized system to list all possible outcomes

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

- Data collection to answer statistical questions, describing & summarizing its distribution
- Collect, record & organize data using dot plots, histograms, number lines & box plots
- Calculate & summarize numerical data from a graph
- Reflect ordered pairs across one or more axes
- Solve problems by graphing ordered pairs using absolute value to calculate distances
- Plot coordinates & calculate distances between vertices on a coordinate plane

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

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- Calculate the volume of right rectangular & right triangular prisms
- Calculate & estimate the circumference & area of a circle
- Solve logic problems & justify answers
- Use theoretical probability to predict, compare, & replicate experimental outcomes
- Organized system to list all possible outcomes
- Calculate area of regular & irregular polygons

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# Reading Curriculum Overview

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

- Effect of prefixes & suffixes (affixes)
- Describe the plot & its components
- Point of view of the narrator or speaker in a text
- Authors point of view or purpose in a text
- Describe motivations of major & minor characters
- Identify common structural elements in literature from a variety of cultures
- Determine the meaning of figurative language in prose & poetry
- Identify the characteristics & structural elements of poetry
- Use reading strategies to comprehend text
- Summarize main idea & details of expository text maintaining chronological or logical order



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

- Comparison of two texts in different forms or genres & discuss the similar themes or topics
- Identify the organizational structures of expository text
- Use text evidence to draw conclusions from expository text
- Analyze how individuals, events, or ideas are introduced, illustrated & elaborated in a text
- Identify the facts & details that support the author's argument
- Compare & contrast multiple author's presentation of an event
- Determine the needed activities to carry out a procedure
- Identify the components of functional text
- Identify the theme in prose, poetry, and drama

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 and center. The text 'Writing Curriculum Overview' is overlaid in white on a dark teal rectangular background.

# Writing Curriculum Overview

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

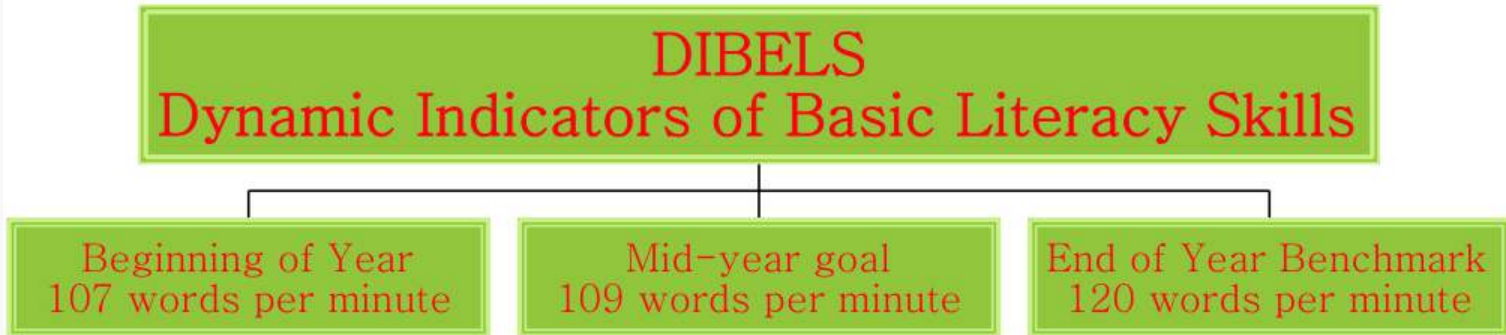
- Ideas, strong introductions, endings with resolutions & closure
- Effective & natural dialogue with quotation marks
- Narrative writing: setting, plot, sensory details, effective sentences, logical sequencing
- Imaginative narrative: setting, plot, sensory details, effective sentences, logical sequencing
- Book report that includes summary, reflections on connections, themes, personal experience
- Organize writing for an oral presentation, manuscript, or multimedia presentation, voice appropriate to audience
- Literal & figurative language

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

- Poetry that uses several poetic elements: figurative language, rhythm, rhyme, stanzas
- Expository texts
  - Essays: information, persuasive, research
- Business letters
- Persuasive letters
- NOTE: All writing is based on the Write from the beginning process using the six traits of writing

# DIBELS

## HOW MANY WORDS A MINUTE?



- Students falling short of benchmark goals will be progress monitored.
- Students will be tested on comprehension & retelling of a story.



# Vocabulary & Spelling Curriculum Overview

# 6<sup>th</sup> Grade Vocabulary & Spelling Curriculum

- Wordly Wise 3000
  - Systematic academic Vocabulary development
- Greek & Latin
- One grade a week – every Friday
- On-line Test taking for spelling



# Grammar Curriculum Overview



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

- Poetry that uses several poetic elements: figurative language, rhythm, rhyme, stanzas
- Expository texts
  - Essays: information, persuasive, research
- Business letters
- Persuasive letters
  
- NOTE: All writing is based on the Write from the beginning process using the six traits of writing



# Social Studies Curriculum Overview

# 6<sup>th</sup> Grade Social Studies Curriculum

- World History
- Note-taking, activities
- Ancient world history
- Roman Empire
- Beyond the Renaissance
- Weekly Tests
- World History Reports



# Science Curriculum Overview

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

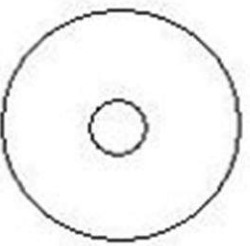
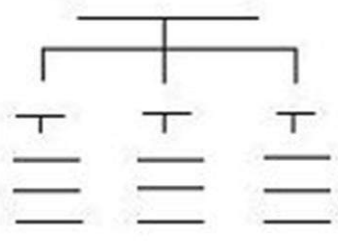
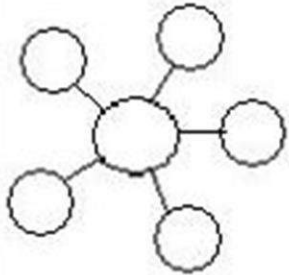
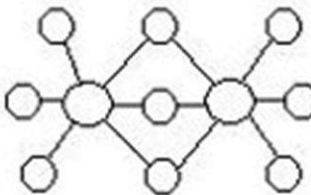
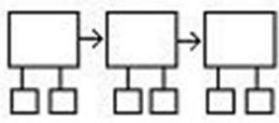
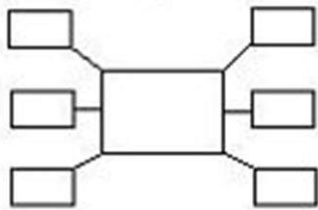
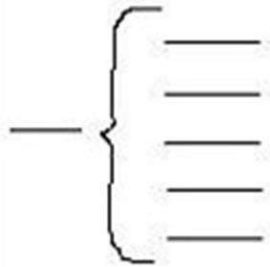
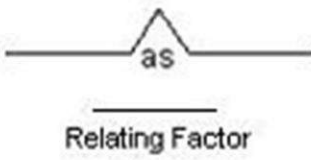
- All Students Kindergarten through 6<sup>th</sup> Grade (K-6<sup>th</sup>) will be exploring the basic fundamentals, concepts, and principles of science to include:
  - Scientific Method (Formulation and validation of Hypothesis with experimentation)
  - Animal and plant biology
  - Earth, space, and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

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

- Map skills
- Diagrams & charts
- Career page
- Weekly Tests
- Science Fair Projects

# Thinking Maps

Used in all academic subjects

<p>Circle Map</p>  <p>FOR DEFINING</p>	<p>Tree Map</p>  <p>FOR CLASSIFYING</p>	<p>Bubble Map</p>  <p>FOR DESCRIBING</p>	<p>Double Bubble Map</p>  <p>FOR COMPARING</p>
<p>Flow Map</p>  <p>FOR SEQUENCING</p>	<p>Multi-Flow Map</p>  <p>FOR CAUSE AND EFFECT</p>	<p>Brace Map</p>  <p>WHOLE TO PARTS</p>	<p>Bridge Map</p>  <p>FOR ANALOGIES</p>

# Technology Use

- Student Laptops
  - A+: 30-minute sessions in class in reading & math
    - Lessons are individually based on results of initial placement test
    - Program can both enrich and re-teach math skills
  - Writing Projects
  - Tux Typing Practice
  - Academic practice



# Homework & Planners

- A reinforcement of skills already taught (never new information)
- Nightly Homework:
  - Reading (a book, history, Science, etc.)
  - Spelling & Wordly Wise practice tests, worksheet, or study
  - 3- minute Daily Math Skill Practice
  - 1-minute reading fluency
  - Math Assignment
  - Study every night for various tests
  - Check off in the planner
  - Parent signature is required every night

# A Typical Day

Social Studies / Science	8:35 – 9:15
Vocab / Spelling	9:20 – 9:55
<i>Recess</i>	<i>10:00 – 10:15</i>
Reading	10:20 – 11:00
A+	11:00 – 11:25
Grammar	11:25 – 12:00
<i>Lunch</i>	<i>12:05 – 12:40</i>
Math	12:45 – 1:40
Writing	1:45 – 2:40
EOD Planner, Study Misc.	2:45 –

# At Home Resources

- **A+ Math & Reading Practice:** <http://noahwebster.lrpnow.com:7711>
  - Unlimited access to all technology devices
  
- **Spelling & Vocabulary Practice:** [www.spellingcity.com](http://www.spellingcity.com) and [www.Wordlywise3000.com](http://www.Wordlywise3000.com)
  - Lists & practices available
  - All Friday spelling tests on-line

# Career & College Readiness

- Visit: <http://www.jaaz.org/programs/biztown/>
- Ja BizTown Tempe
- Field Trip on October 7<sup>th</sup>
  - Preparation starts six weeks prior with in class curriculum!

# Field Trips & Activities

- Ja BizTown (January)
  - Cost: \$11
- Grand Canyon (May)
  - Cost: \$176
- SunSplash (May)
  - Cost: \$15

# Field Trips & Activities

- Organ Stop Pizza (May)
  - Cost: \$7
- Movie Night (October)
  - Cost: FREE
- 6<sup>th</sup> Grade Party (February)
  - Cost: FREE

# Parent Volunteers & Chaperones

- JA BizTown
  - Instructions will go out for volunteers in a couple of weeks
- Grand Canyon Field Trip Chaperones
  - RSVP notes to go home (please commit)

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

- Music
  - 30 minutes, once a week
  - 6<sup>th</sup> grade students learn music theory and note reading by playing the recorder. The recorder karate method is used to motivate and reward students.
- 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.



# Thank you for coming tonight!

Your partnership is a proven key to your  
student's success!



# Mission ImPossible

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**SCHOOLS**