



6th 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 four people, including three children and one woman, are smiling and looking towards the camera. The image is overlaid with a teal filter. The word "Agenda" is written in white text across the center of the image.

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
- 6th 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 text 'Curriculum Overview' is overlaid in white on a dark teal rectangular background.

Curriculum Overview

6th Grade Curriculum Overview

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

6th 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

6th 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)

Beyond Textbooks (BT)

- 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 (2nd test on the same standard)



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

6th 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

6th 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

6th 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

6th Grade Math Curriculum

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- 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
- Calculate area of regular & irregular polygons

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Reading Curriculum Overview

6th 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

6th 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 background shows a whiteboard with some faint writing.

Writing Curriculum Overview

6th Grade Writing Curriculum

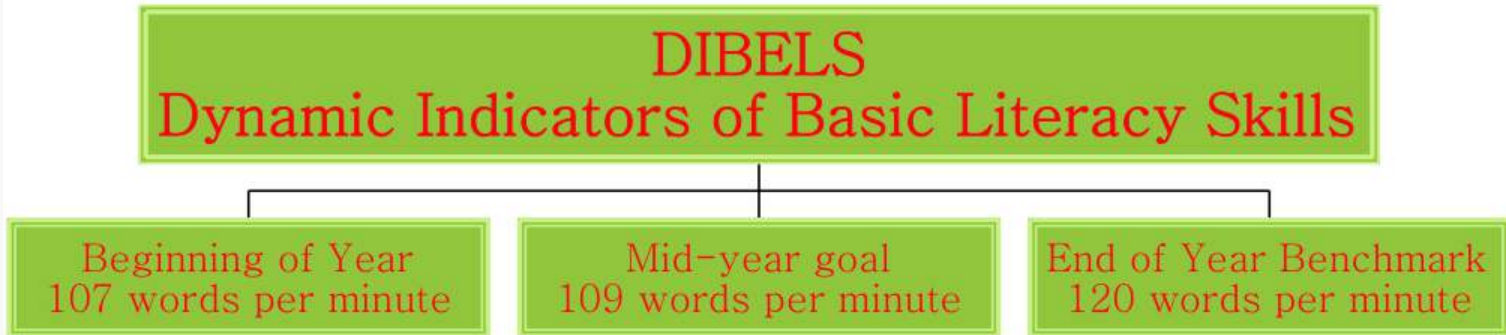
- Ideas, strong introductions, endings with resolutions & closure
- Effective & natural dialogue with quotation marks
- Narrative writing: setting, plot, sensory details, effective sentences, logical sequencing
- Imaginative narrative: setting, plot, sensory details, effective sentences, logical sequencing
- 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

6th 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

6th 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

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 in the foreground. The text 'Grammar Curriculum Overview' is overlaid in white on a dark teal rectangular background.

Grammar Curriculum Overview

6th 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

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

Social Studies Curriculum Overview

6th 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

6th Grade Science Curriculum

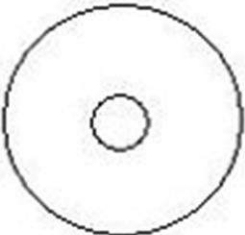

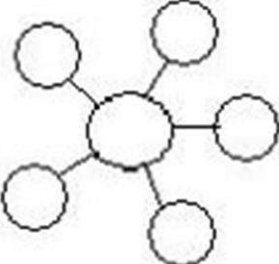
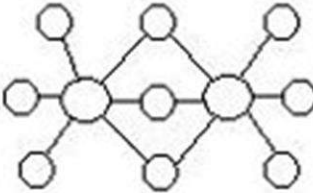
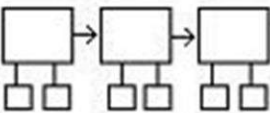
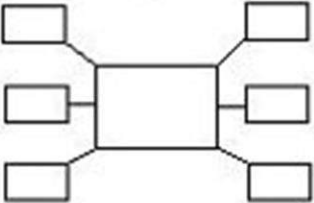
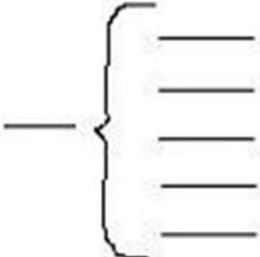
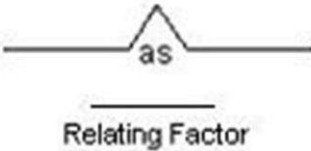
- All Students Kindergarten through 6th Grade (K-6th) will be exploring the basic fundamentals, concepts, and principles of science to include:
 - Scientific Method (Formulation and validation of Hypothesis with experimentation)
 - Animal and plant biology
 - Earth, space, and environmental Science
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

6th 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 and 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 7th
 - 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
- 6th 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)

6th Grade Specials

- Music
 - 30 minutes, once a week
 - 6th 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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