

HADDON TOWNSHIP LANGUAGE ARTS GRADE SIX



In sixth grade English/Language Arts classes, students will continue to develop and apply their knowledge of sounds, letters, and words. They will read materials representative of various societies, cultures, historical periods, and perspectives in both fiction and nonfiction texts. Focus, organization, and coherence will be developed as the students utilize the writing process to create expository, narrative, persuasive, and technical writing. Active listening and concise oral communication will be emphasized as students develop skills for interpreting a variety of audiences and sources. Students will learn to access, view, evaluate, and respond to print, nonprint, and electronic texts and resources.

ESSENTIAL LEARNINGS: *All 6th grade English/Language Arts students will demonstrate an understanding of the following NJ Core Curriculum Content Standards...*

Reading (Fluency and Comprehension)

- Examine, construct, and extend the meaning of a wide variety of texts (NJ 3.1)
- Construct meaning from unfamiliar texts through the use of word analysis strategies (NJ 3.1)
- Identify textual purpose by analyzing structure, organization, and content of nonfiction texts and technological sources (NJ 3.1, 3.5)
- Make and support inferences in nonfiction texts (NJ 3.1)

Literature

- Identify and differentiate literacy elements in literature representative of diverse cultures and perspectives (NJ 3.2)
- Compare and contrast fiction and nonfiction reflective of diverse cultures and varying perspectives (NJ 3.2)

Writing

- Adhere to standard English format with all written documents (NJ 3.2)
- Employ elaborative detail and supporting evidence to communicate in a manner that reflects focus, organization, and coherence (NJ 3.2)
- Utilize stages of the writing process to produce expository, narrative, persuasive, and technical pieces that address audience, purpose, and content (NJ 3.2)

Speaking

- Speak in clear, concise, coherent language that varies in content (NJ 3.3)
- Differentiate purpose and audience with oral presentations (NJ 3.3)

Listening

- Develop active listening skills as they relate to a variety of sources and situations including electronic texts (NJ 3.4, 3.5)

Viewing and Media Literacy

- Understand the uses of persuasive text related to advertising in society (NJ 3.5)
- Classify media according to genre (NJ 3.5)
- Distinguish different points of view in media texts (NJ 3.5)
- Examine and evaluate effects of media on family, home, and school (NJ 3.5)
- Understand the uses of technology (e.g., the internet for research) (NJ 3.5)
- Express and justify preferences for media choices (NJ 3.5)

CHARACTERISTICS OF EFFECTIVE LEARNERS:
All 6th grade students will demonstrate growth in the following characteristics of effective learners...

Problem Solving

- Use critical thinking skills to analyze and evaluate information

Communication

- Express ideas clearly through written and oral representations

Reasoning and Evidence

- Apply basic principles of logic and reasoning

Connections

- Draw meaningful connections within academic content and real world applications

Representation

- Produce a finished product demonstrating mastery and synthesis of content

Collaboration

- Work within a team framework to achieve group goals

Citizenship

- Develop self-responsibility for setting and achieving academic goals as well as making positive life choices

Resources

- Literature in a variety of genres
- Daybook of Critical Reading and Writing (Great Source, 1999)
- Write Source 2000 (Great Source, 1999)
- Meet the Challenge (Scholastic, 1996)
- Intermediate Dictionary (Scott Foresman, 1993)
- Merriam Webster Dictionary (Merriam Webster, 1997)
- Junior Great Books (Great Books Foundation, 1984)

Technology

Students will use technology in English/Language Arts classrooms to:

- Access and retrieve information responsibly to support learning
- Organize, analyze, and evaluate accessed information
- Use word processing programs to draft, revise, and edit writing projects
- Utilize on-line linguistic resources to support growth and understanding in literacy areas

Assessment

Student learning will be assessed using a variety of measures, including:

- Teacher generated tests and quizzes
- Integrated projects
- Writing projects
- Student projects and presentations
- Homework and teacher generated assignments
- Student participation/conduct
- Mid-year and end-year assessments
- Individual and group projects
- NJASK (New Jersey Assessment of Skills and Knowledge)

Parent Involvement

Research supports that parent involvement in education can lead to academic benefits for students.

Haddon Township parents of 6th grade students are encouraged to:

- Set a regular time, place, and routine for homework with minimal distractions
- Provide appropriate supplies for students
- Review homework and course content regularly
- Plan family trips and outings that support content and learning
- Sign student agenda daily
- Provide opportunities and materials for reading at home together and independently

HADDON TOWNSHIP MATHEMATICS
GRADE SIX



In sixth grade mathematics classes, students will explore problem solving for everyday situations and develop math readiness through hands-on activities. Instruction will help students to establish links between past experiences and explorations of new concepts. Students will share ideas through discussion, explore concepts through cooperative learning experiences and small group activities, practice skills through math games, and examine concepts in depth through a variety of math projects.

ESSENTIAL LEARNINGS: All 6th grade math students will demonstrate an understanding of the following NJ Core Curriculum Content Standards...

Number Sense

- Read, write and compare whole numbers, negative numbers, fractions, decimals, and percents
- Understand and convert between fractions, decimals, and percents
- Rename fractions between mixed and improper and then reduce to the simplest form
- Use paper-and-pencil algorithms for basic operations with whole numbers, fractions, and decimals
- Use mental math to compute exact answers and to estimate
- Round to any specified place
- Add and subtract mixed fractions with unlike denominators, and multiple and divide fractions
- Find least common multiples, greatest common factors, and prime factors
(NJ 1, 2, 3, 4, 5, 6, 8, 10; NCTM 4.1)

Data Analysis, Probability and Discrete Mathematics

- Express probabilities as fractions, decimals and percents
- Use tree diagrams to analyze probabilistic situations
- Make predictions based on theoretical probabilities while understanding why actual outcomes may differ
(NJ 1, 2, 3, 4, 5, 12, 14; NCTM 4.4)

Geometry and Measurement

- Compare and contrast properties of 2-dimensional and 3-dimensional figures
- Understand congruence and similarity
- Use formulas to compute areas, volumes, perimeters, circumferences, and surface areas
- Measure, draw, and clarify angles
- Identify angle relationships in triangles, quadrilaterals, parallel lines cut by a transversal, and intersecting and perpendicular lines
- Classify tessellations
- Measure and estimate length, area, volume, weight, and capacity
- Convert and compute with common units of measure
- Create scale drawings
(NJ 1, 2, 3, 4, 5, 7, 9, 10; NCTM 4.2)

Patterns and Algebra

- Write equations to fit given tables of numbers
- Evaluate algebraic expressions
- Solve linear equations with one unknown
- Represent linear functions as equations, in tables and graphs, and verbally as rules
- Understand and apply order of operations and the distributive property
- Construct and interpret circle graphs
- Use measures of central tendency (mean, median, mode) to characterize data sets
- Understand how changes in a data set may affect the mean, median, and mode
- Formulate a question, carry out a survey or experiment, record data, and communicate results
(NJ 1, 2, 3, 4, 5, 11, 13, 15; NCTM 4.3)

CHARACTERISTICS OF EFFECTIVE LEARNERS

All 6th grade math students will demonstrate growth in the following characteristics of effective learners...

- **Problem Solving**
Use critical thinking skills to analyze and evaluate information
- **Communication**
Express ideas clearly through written and oral representations
- **Reasoning and Evidence**
Apply basic principles of logic and reasoning
- **Connections**
Draw meaningful connections within academic content and real world applications
- **Representation**
Produce a finished product demonstrating mastery and synthesis of content
- **Collaboration**
Work within a team framework to achieve group goals
- **Citizenship**
Develop self-responsibility for setting and achieving academic goals as well as making positive life choices

Resources

Connected Mathematics 2 (Prentice-Hall, 2009)

Covering and Surrounding, Bits and Pieces I, Bits and Pieces II, Bits and Pieces III, Prime Time, Shapes and Design, Data About Us

Math Manipulatives

TI-84 Calculator

Assessments

Assessment of student performance is based on observations of regular classroom activities, collections of daily written work and group projects and more formal assessments such as end-of-unit tests.

Students are assessed with the NJASK (New Jersey Assessment of Skills and Knowledge) in March.

Technology

Students use technology in Math classrooms to:

- Gather, analyze, and communicate mathematical information
- To solve problems (e.g. Explore patterns, validate solutions)
- Investigate properties of functions and their graphs
- To organize and display quantitative information

Parent Involvement

Research supports that parent involvement in education can lead to academic benefits for students.

Haddon Township parents of 6th grade students are encouraged to:

- Set a regular time, place and routine for homework with minimal distractions.
- Provide appropriate supplies for students.
- Review agenda, homework and course content regularly.
- Discuss contemporary issues that relate to and support content and learning.
- Plan family trips and outings that support learning.

HADDON TOWNSHIP SOCIAL STUDIES
GRADE SIX



In grade six *Post-Revolutionary History* classes, students will study American History from the development of the new nation through the Civil War and Reconstruction. The course will emphasize the important aspects of our governmental system. The geography of the Western Hemisphere will be included as well as the study of American culture and humanities.

ESSENTIAL LEARNINGS: All 6th grade Social Studies students will demonstrate an understanding of the following NJ Core Curriculum Content standards...

Cultures

- Identify the roles of various social institutions in American society (NJ 6.4)
- Explain how differences in economics, cultural background and geography affect individual behavior (NJ 6.5, 6.6)
- Understand and discuss the historical ramifications of the Holocaust and genocide (NJ 6.2, 6.3)

US History

- Understand the Constitution's development and subsequent impact on early U.S. history (NJ 6.4)
- Identify and map territorial expansion and the settlement of the American frontier (NJ 6.4, 6.6)
- Describe and discuss political atmosphere, economics and social changes in Pre-Civil War U.S. and the antebellum period (NJ 6.4, 6.5)
- Explain major events, issues, and personalities of the Civil War (NJ 6.4)

Geography

- Understand and articulate impact of the physical environment on the development of American culture (NJ 6.6)
- Recognize geography of the Western Hemisphere (NJ 6.6)
- Apply maps, charts, graphs, and other geography tools to US history (NJ 6.6)

Civics and Government

- Identify and define US system of government (NJ 6.4)
- Understand the development of the party system (NJ 6.4)
- Understand and compare the American government system with other political systems (NJ 6.4)

Economics

- Analyze success and failures of industrialization (NJ 6.4, 6.5)

Humanities

- Recognize and analyze examples of American art, literature, architecture and music that have influenced society (NJ 6.3)

HABITS OF EFFECTIVE LEARNERS: All 6th grade students will demonstrate growth in the following characteristics of effective learners...

Problem Solving

- Use critical thinking skills to analyze and evaluate information

Communication

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Reasoning and Evidence

- Apply basic principles of logic and reasoning

Connections

- Draw meaningful connections within academic content and real world applications

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Resources

United State History: Beginnings (Harcourt Horizons, 2003)
A History of US: The New Nation (Oxford University Press, 2003)
A History of US: Liberty for All (Oxford University Press, 2003)
A History of US: War, Terrible War (Oxford University Press, 2003)
Our Country's History (Nystrom, 2002)
"Time for Kids" magazine
Primary documents, interactive software, videotapes, maps
Teacher directed materials, i.e. notebooks, folders, binders, assignment books
Literature and art connections



Technology

Students will use technology in social studies classrooms to:

- Access and retrieve information responsibly to support learning
- Organize, analyze, and evaluate accessed information
- Research, report, and write documenting sources appropriately
- Present social studies information in a variety of visual forms
- Create multimedia presentations of self-selected social studies topics
- Use simulations to acquire an understanding of social studies concepts
- Communicate understandings of social studies content and processes

Assessment

Student learning will be assessed using a variety of measures, including:

- Teacher generated tests and quizzes
- Cross-curricular projects
- Writing
- Student projects and presentations
- Assigned and self-selected extensions
- Homework and teacher generated assignments
- Student participation/conduct
- Mid-term and final assessments

Parent Involvement

Research supports that parent involvement in education can lead to academic benefits for students.

Haddon Township parents of 6th grade students are encouraged to:

- Set a regular time, place, and routine for homework with minimal distractions
- Provide appropriate supplies for students
- Review homework and course content regularly
- Discuss local and national news accessed through newspapers, news magazines, newscasts, educational television and appropriate internet sites
- Plan family trips and outings that support social studies learning, including visits to sites of historical interest
- Discuss contemporary issues that relate to and support content and learning