



Curriculum Snapshots

First Trimester



6th Grade Courses

[ELA 6](#)

[Math 6](#)

[Science 6](#)

[Social Studies 6 - Western Hem.](#)

[SE ELA 6](#)

[SE Math 6](#)

[STEAM 6](#)

Robotics 6

[Health and PE 6](#)

[Outdoor Rec and Health 6](#)

[Woods 6](#)

[Quiz Bowl 6](#)

Art 6

Beginning Band

Choir 6

Intro to Musical Theatre 6

Sixth Grade English Language Arts - First Trimester

Narrative Writing

Students will:

- Write a narrative to develop a real experience
- Write a logical sequence of events
- Identify the exposition, rising action, climax, falling action, and resolution of a story
- Engage the reader with a great hook
- Use dialogue to develop characters and events
- Use transition words/phrases to show sequence of events
- Use narrative techniques to provide descriptive details
- Write a conclusion that summarizes the theme
- Use technology to interact with peers and publish writing

Fantasy Novel Study: The Lion, the Witch, and the Wardrobe

Students will:

- Make predictions
- Summarize
- Distinguish between literal and non-literal meanings of words
- Use context clues to define words
- Determine the point of point of view of a text
- Analyze how specific word choice impacts meaning and tone
- Make inferences about characters and events
- Explain how characters respond or change
- Identify and analyze the development of a theme
- Analyze a writer's craft
- Compare and contrast a novel to its video adaptation

Argument Paragraph (character development)

Students will:

- Make a debatable claim about a character
- Use textual evidence to support a claim
- Use direct quotations as evidence
- Use paraphrased evidence
- Provide logical reasoning
- Use transitional words and phrases
- Use quotation marks around direct quotes
- Establish and maintain a formal tone
- Use simple, compound, and complex sentences
- Use commas correctly



Math 6 - First Trimester

Numerical Expressions & Factors

- Divide multi-digit numbers
- Evaluate numerical expressions with whole number exponents
- Find the greatest common factor of two whole numbers
- Use the distributive property to express a sum of two whole numbers.
- Find the least common multiple of two whole numbers
- Identify parts of an expression using the terms sum, term, product, factor, quotient, coefficient.
-

Fractions & Decimals

- Interpret and compute quotients of fractions, and solve word problems involving division of fractions by fractions
- Add, subtract, multiply and divide decimals

Areas of Polygons

- Find the area of special quadrilaterals by composing into rectangles;
- Find the area of right triangles, other triangles, by composing into rectangles
- Find the area of special quadrilaterals by decomposing into triangles
- Find the area of right triangles, other triangles, special quadrilaterals and polygons by composing into rectangles or decomposing into triangles and other shapes.
- Draw polygons in the coordinate plane given coordinates for the vertices. Use coordinates to find the length of a side joining vertices with the same first coordinate or the same second coordinate.



6 Science A - First Trimester

INTRODUCTION to SCIENCE

- -Classroom Info/Safety Contract
- -INB Set Up/Rules
- -Lab Safety
- -Lab/Measurement Tools (How To Videos)
- -Metric System
- -EDP & Experimental Design
- -Graphing

ECOSYSTEMS

- -Biotic/Abiotic Factors
- -Organism Relationships
- -Food Chains/Webs
- -Energy Pyramids
- -Symbiosis
- -Populations
- -Short/Long Term Impacts

Engineering Design *(Used as a process throughout the course)*

- Engineering Design Model
- Evaluate competing design solutions.
- Analyze data for modification of concepts and to make inferences and predictions.



6 Social Studies - Western Hemisphere A - First Trimester

INTRODUCTION to GEOGRAPHY

- Five Themes
 - Location
 - Place
 - Movement
 - Region
 - Human Environment Interaction
- Mapping
- Latitude and Longitude
- Cardinal Directions

Climate

- Understand the reason for the seasons on earth
- Identify and evaluate the types of climates present in the Western Hemisphere and identify the characteristics of each climate

Canada

- Canada's history
- Canada's geography
- Canada's government
- Trade

Mexico

- History
- Geography



Sixth Grade - RI English Language Arts - First Trimester

READING and GRAMMAR:

Article of the Week, Daily Language Review, Text-Features, Theater Plays, etc.

Students will:

- analyze and explain the elements of a story
- determine the central idea of a text
- identify and define text features
- annotate the text
- summarize a text
- explain text connections
- increase reading fluency as they read aloud with meaning and emphasis

Short Story Study:

"The Getaway" by John Savage

"The Fun they Had" by Isaac Asimov

"The Clearing" by Jesse Stuart

"Charles" by Shirley Jackson

"The Dinner Party" by Mona Gardner

Students will:

- use textual evidence to support my analysis of the text
- draw inferences from the text
- describe how a story's plot unfolds in a series of episodes
- describe how a character responds or changes as the plot moves to a resolution.
- use context clues to determine meanings of words I do not know
- identify internal and external conflicts
- make inferences about characters and events in a story
- identify the theme of a story

Informational Research & Writing: Evidence and Reasoning

-POWER WRITING-

Students will:

- Use textual evidence to support writing
- analyze to explain evidence & reasoning
- brainstorm/organize ideas
- categorize information
- select relevant facts, quotations, and details
- revise to clarify and deepen analysis



Sixth Grade SE Math

Ratios and Proportional Relationships

Students will:

- Understand ratio concepts and use ratio reasoning to solve problems

The Number System

Students will:

- Apply and extend previous understandings of multiplication and division to divide fractions
- Compute fluently with multi-digit numbers and find common factors and multiples.
- Apply and extend previous understandings of numbers to the system of rational numbers.

Geometry

Students will:

- Solve real-world and mathematical problems involving area, surface area, and volume

Expressions and Equations

Students will:

- Apply and extend previous understandings of arithmetic to algebraic expressions.
- Reason about and solve one-variable equations and inequalities.
- Represent and analyze quantitative relationships between dependent and independent variables.

Statistics and Probability

Students will:

- Develop understanding of statistical variability.
- Summarize and describe distributions.

Foundational Math

Students will review and strengthen:

- Addition, subtraction, multiplication, and division
- number sense
- math computation
- Math reasoning



Sixth Grade SE Math - First Trimester

Foundational Math Skills

Students will review and strengthen:

- Addition, subtraction, multiplication, and division
- number sense
- math computation
- Math reasoning

Numerical Expressions and Factors

Students will:

- Determine which operation to perform.
- Divide multi-digit numbers.
- Write expressions as powers.
- Find values of powers.
- Evaluate numerical expressions with whole-number exponents.
- Use divisibility rules to find prime factorizations of numbers.
- Use diagrams to identify common factors.
- Find greatest common factors.
- Use diagrams to identify common multiples.
- Find least common multiples.
- Use least common multiples to add and subtract fractions.

Fractions and Decimals

Students will:

- Use models to multiply fractions.
- Multiply fractions by fractions.
- Write reciprocals of numbers.
- Use models to divide fractions.
- Divide fractions by fractions.
- Use models to divide mixed numbers.
- Divide mixed numbers.
- Use models to add and subtract decimals.
- Add and subtract decimals.
- Use models to multiply decimals.
- Multiply decimals.
- Use models to divide decimals.
- Divide decimals.



STEAM 6 - Curriculum Snapshot

Intro to Engineering

- Define the criteria and constraints of a design problem.
- Apply scientific and mathematical principles to solve a problem.
- Develop, test, and refine prototypes as part of a cyclical design process
- Evaluate competing design solutions.
- Analyze similarities and differences among design solutions to identify the best characteristics of each in order to combine them into a new solution.
- Exhibit a tolerance for ambiguity, perseverance and the capacity to work with open-ended problems.
- Choose appropriate platforms and tools for meeting the desired objectives.
- Create original works or responsibly repurpose or remix digital resources into new creations
- Contribute constructively to project teams, assuming various roles and responsibilities to work effectively toward a common goal.

3D Modeling/Printing

- Identify and explain the axis of 3 dimensions.
- Use technology to design 3D models.
- Design products to be successfully 3D printed and/or laser cut.

STEAM Careers

- Explore the variety of careers available in the STEAM careers.
- See how the problem solving we do in class can translate to the real world.



Physical Education/Health 6

Physical Education Opportunities

~Students will have the opportunity to participate in a different team sports unit every week of the trimester.

~Units include: Basketball, Badminton, Pickleball, Team handball, Tennis, ultimate frisbee, ultimate football, Kickball, Wiffle ball.

~Students will have the opportunity to test their muscular strength and Cardiovascular endurance by completing fitness testing at the beginning and end of the trimester.

~Students will learn and demonstrate proper sportsmanship and **team play.**

Health Opportunities:

6th grade health concentrates on how the body is developing and changing physically and mentally.

Health Concepts

~Students will comprehend concepts related to health promotion and disease prevention to enhance health.

~ Students will analyze the influence of family, peers, culture, media, technology, and other factors on health behaviors.

~Students will demonstrate the ability to access valid information and products and services to enhance health.

~Students will demonstrate the ability to use interpersonal communication skills to enhance health and avoid or reduce health risks.

~Students will demonstrate the ability to use decision-making skills to enhance health.

~Students will demonstrate the ability to practice health-enhancing behaviors and avoid or reduce health risks

Students will demonstrate the ability to advocate for personal, family and community health.



Outdoor Recreation 6

Physical Education Concepts

- Students will explore recreational and outdoor opportunities with a focus on local offerings.
- Students will participate in an active curriculum that safely introduces them to activities such as biking, hiking, fishing, skiing, snowshoeing, disc golf, pickleball, badminton, kayaking, and orienteering.
- Students will discover new activities through a research project, expert guest speakers and participation on field trips.
- Students will build confidence through skill based learning that can be applied directly to life in Ludington all year round.
- Students will learn basic Health Concepts: healthy habits and goals, nutrition & physical activity, safety, communication, decision making, mental health and changes as we grow.

Health Concepts

- ~Students will comprehend concepts related to health promotion and disease prevention to enhance health.
- ~ Students will analyze the influence of family, peers, culture, media, technology, and other factors on health behaviors.
- ~Students will demonstrate the ability to access valid information and products and services to enhance health.
- ~Students will demonstrate the ability to use interpersonal communication skills to enhance health and reduce health risks.
- ~Students will demonstrate the ability to use decision-making skills to enhance health.



Sixth Grade Quiz Bowl

6th Grade Unit

- Introduction of Quiz Bowl Rules, Scoring, Teamwork, and Collaboration.
- Theme 1: Explorers & Ancient American History
- Theme 2: US Geography: 50 States, 50 Capitals, and other locations

7th Grade Unit

- Theme 3: Greek & Roman Mythology
- Theme 4: Ancient Greece & Roman History



8th Grade Unit

- Theme 5: US Presidents
- Theme 6: Famous Historical People, Places, and Events



Woods 6

Measuring / Board Feet

- Demonstrate knowledge of understanding fundamental mathematical concepts as related to the discipline.
- Understand how to find lowest common denominator, with fractions, whole numbers numbers. Division by two and 144 to calculate board feet, reducing fractions, addition and subtraction of fractions.

Machine safety and proper usage

- Demonstrate knowledge and understanding of how to safely operate tools and equipment.
- Demonstrate safest method for performing task.
- Recognize potential hazards associated with process application.





7th Grade Courses

[ELA 7](#)

[Math 7](#)

[Advanced Math 7](#)

[Science 7](#)

[Social Studies 7 - Eastern Hemisphere](#)

SE ELA 7

[SE Math 7](#)

[STEAM 7/8](#)

[Health and PE 7/8](#)

[Fitness Walking and Health 7/8](#)

[Lifetime Sports and Health 7/8](#)

Game of Life 7/8

Textiles 7/8

Pottery and Sculpture 7/8

Drawing and Painting 7/8

Woods 7/8

Drafting and Rocket Cars 7/8

Band 7/8

Percussion 7/8

Choir 7/8

Seventh Grade English Language Arts - First Trimester

Poetry Unit

Students will:

- Read and analyze a variety of poems.
- Interpret figures of speech in context.
- Analyze words/phrases, and impact of rhyme, alliteration, repetition, etc. on a poem.
- Analyze how a poem's form and structure contribute to its meaning
- Determine theme/central idea of a poem and analyze its development throughout the text.
- Write a variety of poems, both free verse and structured.

Narrative Reading

Students will:

- Read and analyze a variety of short stories, excerpts of novels, and plays.
- Determine theme/central idea of text and analyze its development throughout text.
- Analyze elements of a story and how the elements influence each other.
- Determine the meaning of words and phrases in text, including figurative and connotative meanings.
- Explain author's development of point of view of characters or narrators in a text.
- Contrast points of view of different characters.

Narrative Writing

Students will:

- Write a narrative about real or imagined experiences.
- Engage/orient reader by establishing a context and point of view and introducing characters/narrator.
- Organize a logical event sequence.
- Use dialogue, pacing, and description, to develop events and characters.
- Use a variety of transitions, phrases, and clauses to convey sequence and time/setting shifts.
- Use precise words and phrases, descriptive details, and sensory language to capture action and convey experiences or events
- Provide a conclusion that follows from and reflects on the narrated experiences or events.



Math 7 - First Trimester

Integers & Absolute Value

- Finding the absolute value of an integer
- Finding the sum of two or more integers
- Finding the difference of integers
- Finding the product of integers
- Dividing integers

Rational Numbers

- Writing fractions as decimals, including repeating decimals and decimals as fractions in simplest form.
- Adding and subtracting rational numbers
- Multiplying and dividing rational numbers

Expressions & Equations

- Simplify algebraic expressions
- Add and subtract linear expressions
- Factoring linear expressions
- Solving equations using addition and subtraction
- Solving equations using multiplication and division
- Solving two-step equations



Advanced Math 7 - First Trimester

Integers & Absolute Value

- Finding the absolute value of an integer
- Finding the sum of two or more integers
- Finding the difference of integers
- Finding the product of integers
- Dividing integers

Rational Numbers

- Writing fractions as decimals, including repeating decimals and decimals as fractions in simplest form.
- Adding and subtracting rational numbers
- Multiplying and dividing rational numbers

Expressions & Equations

- Simplify algebraic expressions
- Add and subtract linear expressions
- Factoring linear expressions
- Solving equations using addition and subtraction
- Solving equations using multiplication and division
- Solving two-step equations

Ratios and Proportions

- Determine ratios and rates
- Comparing ratios using proportions and the Cross Products Property
- Graphing Proportional Relationships
- Writing and Solving a proportion using mental math
- Solving proportions using a variety of strategies
- Determining the slope of a line, when given a graph
- Using a formal definition of direct variation



Inequalities

- Writing and graphing inequalities
- Solving inequalities using addition or subtraction
- Solving inequalities using multiplication or division
- Solving two-step inequalities

7 Science - First Trimester

INTRODUCTION to SCIENCE

- Measurement
- Experimental Design/Lab Tools
- Variables
- Metric Conversions
- Microscopes

CHARACTERISTICS of LIVING THINGS

- Plant and Animal Cells
- Body Systems
- Major Types of Cells
- Cell Parts & Processes
- Cell Membrane/Diffusion/Osmosis

Engineering Design *(Used as a process throughout the course)*

- Engineering Design Model
- Evaluate competing design solutions.
- Analyze data for modification of concepts and to make inferences and predictions.



7th Grade Eastern Hemisphere Studies - (7A) First or Second Trimester

Physical Geography Review

- 5 Themes of Geography
- Geographer's Tools
- Norms of Cartography

Social Science Basics

- Common Characteristics of Civilizations
- Cultural-Social-Political organization of Civilizations

Africa

- Physical Geography and HEI
The influence of riparian zones & coasts in the development of African civilization
- Ancient Civilizations of Africa
Applying the Common Characteristics of Civilizations
Conflict & cooperation between African societies
Trade of goods
Cultural diffusion of ideas
Invasion & empire building
- Influence of Belief Systems

Southwest Asia

Physical Geography and HEI

- The influence of riparian zones in Ancient SW Asia
- Applying the Characteristics of Civilizations
- Conflict & cooperation between SW Asian societies
 - Trade of goods
 - Cultural diffusion of ideas
 - Invasion & empire building
- Comparing world religions of SW Asian origin.



Seventh Grade SE Math - First Trimester

Foundational Math Skills

Students will review and strengthen:

- Addition, subtraction, multiplication, and division
- number sense
- math computation
- Math reasoning

Integers

Students will:

- Define the absolute value of a number.
- Find absolute values of numbers.
- Add integers.
- Show that the sum of a number and its opposite is 0.
- Subtract positive and negative numbers
- Multiply positive and negative numbers
- Divide positive and negative numbers

Rational Numbers

Students will:

- convert a fraction to a decimal.
- convert a mixed number to a decimal.
- multiply fractions.
- divide fractions.
- add fractions.
- Subtract fractions



STEAM 7/8 - Curriculum Snapshot

Engineering Design Process

- Define the criteria and constraints of a design problem.
- Apply scientific and mathematical principles to solve a problem.
- Develop, test, and refine prototypes
- Analyze similarities and differences among design solutions to identify the best characteristics of each in order to combine them into a new solution.
- Exhibit a tolerance for ambiguity, perseverance and the capacity to work with open-ended problems.
- Choose appropriate platforms and tools for meeting the desired objectives.
- Create original works or responsibly repurpose or remix digital resources into new creations
- Contribute constructively to project teams, assuming various roles and responsibilities to work effectively toward a common goal.

3D Modeling/Printing

- Axis of 3D
- 3D modeling
- Learn and use 3D/Laser printers

STEAM Careers

- Explore the variety of careers available in the STEAM careers.
- See how the problem solving we do in class can translate to the real world.



Physical Education/Health 7/8

Physical Education Opportunities

- ~Students will have the opportunity to participate in a different team sports unit every week of the trimester.
- ~Units include: Basketball, Badminton, Pickleball, Team handball, Tennis, Ultimate Frisbee, Ultimate football, Kickball, Wiffle ball.
- ~Students will have the opportunity to test their muscular strength and Cardiovascular endurance by completing fitness testing at the beginning and end of the trimester.

Health Concepts

- ~Students will comprehend concepts related to health promotion and disease prevention to enhance health.
- ~ Students will analyze the influence of family, peers, culture, media, technology, and other factors on health behaviors.
- ~Students will demonstrate the ability to access valid information and products and services to enhance health.
- ~Students will demonstrate the ability to use interpersonal communication skills to enhance health and avoid or reduce health risks.
- ~Students will demonstrate the ability to use decision-making skills to enhance health.
- ~Students will demonstrate the ability to practice health-enhancing behaviors and avoid or reduce health risks
- Students will demonstrate the ability to advocate for personal, family, and community health.



Fitness Walking 7/8

- Fitness walking gives students the opportunity to walk daily to enhance their cardiovascular endurance.
- Students will learn laws that help walkers and motorist stay safe while exercising.
- Students will learn orienteering concepts to help them with directions.
- Students will have the opportunity to do different workouts to work on muscular and cardiovascular endurance.
- Students will have the opportunity to walk off campus and learn the city layout.

Health Concepts

~Students will comprehend concepts related to health promotion and disease prevention to enhance health.

~ Students will analyze the influence of family, peers, culture, media, technology, and other factors on health behaviors.

~Students will demonstrate the ability to access valid information and products and services to enhance health.

~Students will demonstrate the ability to use interpersonal communication skills to enhance health and avoid or reduce health risks.

~Students will demonstrate the ability to use decision-making skills to enhance health.



Lifetime Sport & Fitness 7/8

Physical Education

- Students will have the opportunity to participate in a different lifetime sport unit each week of the trimester.
- Units include: Basketball, Soccer, Pickleball, Tennis, Badminton, Volleyball, Ultimate Frisbee, Disc Golf, Kickball, Wiffle ball, Golf, Yard games and Outdoor Recreation activities.
- Students will have the opportunity to test their muscular strength and Cardiovascular endurance by completing fitness testing at the beginning and end of the trimester.
- Students will learn and demonstrate proper sportsmanship and healthy habits of a physically literate individual.
- 7/8th grade health concentrates on healthy habits and goals, nutrition & physical activity, safety, communication, decision making, mental health and changes as we grow during the adolescent years.

Health Concepts

- ~Students will comprehend concepts related to health promotion and disease prevention to enhance health.
- ~ Students will analyze the influence of family, peers, culture, media, technology, and other factors on health behaviors.
- ~Students will demonstrate the ability to access valid information and products and services to enhance health.
- ~Students will demonstrate the ability to use interpersonal communication skills to enhance health and reduce health risks.
- ~Students will demonstrate the ability to use decision-making skills to enhance health.





8th Grade Courses

[ELA 8](#)

[Math 8](#)

[Algebra 8](#)

[Science 8](#)

[Social Studies 8 - US History](#)

[SE ELA 8](#)

SE Math 8

Spanish I A

[STEAM 7/8](#)

[Health and PE 7/8](#)

[Fitness Walking and Health 7/8](#)

[Lifetime Sports and Health 7/8](#)

Game of Life 7/8

Textiles 7/8

Pottery and Sculpture 7/8

Drawing and Painting 7/8

Woods 7/8

Drafting and Rocket Cars 7/8

Band 7/8

Percussion 7/8

Choir 7/8

Writing Unit

- 6 Word Memoir
- Grammar
- My Michigan Hero Essay

Reading Unit - Facing Challenges

- Point of View
- Protagonist
- Antagonist
- Characterization
- Internal conflict
- External conflict
- Connotation
- Denotation
- Irony
- Indirect characterization
- Foreshadowing
- Tone
- Mood



Exponents

- Write and evaluate powers
- Use the Power of a Power Property, the Product of Powers Property and the Power of a Product Property to simplify expressions
- Use the Quotient of Powers Property to simplify expressions
- Evaluate and simplify expressions involving exponents
-

Solving Linear Equations

- **Solving one-step equations.**
- **Solving multi-step equations.**
- **Solving equations with variables on both sides.**
- **Solving literal equations.**

Transformations

- Identify and define congruent figures
- Identify the basic transformations: translations, reflections, and rotations
- Use proportions to identify similar figures
- Find ratios of the areas and perimeters of similar figures
- Draw dilations in the coordinate plane



Algebra 8th Grade - First Trimester

Solving Linear Equations

- Solving one-step equations.
- Solving multi-step equations.
- Solving equations with variables on both sides.
- Solving literal equations.

Solving Linear Inequalities

- Writing and graphing inequalities.
- Solving inequalities using addition, subtraction, multiplication and division.
- Solving multi-step inequalities and compound inequalities.
- Graphing linear inequalities in two variables.

Graphing and Writing Linear Equations

- Graphing linear equations, determining slope, determining whether lines are parallel or perpendicular.
- Graphing using slope-intercept form and standard form.
- Writing an equation of a line in Slope-intercept form and when given a slope and a point or two.
- Solving real life problems.

Solving Systems of Linear Equations

- Solving systems of linear equations by graphing, substitution, and elimination.
- Solving a system of equations with no solution or infinitely many solutions.
- Solving systems with variables on both sides by graphing.
- Solving systems of linear inequalities



8 Science A - First Trimester

Intro to Science

- Lab Safety/Contract
- Lab Tools
- Graphing
- Experimental Design/EDP
- Density (mass, volume)

Earth's History

- Early Earth
- Fossil Evidence
- Absolute/Relative Dating
- Eras of GTS

Waves

- Wave Properties
- Wave Interactions
- Sound
- Light
- Electromagnetic Spectrum
- Analog/Digital

Engineering Design *(Used as a process throughout the course)*

- Engineering Design Model
- Evaluate competing design solutions.
- Analyze data for modification of concepts and to make inferences and predictions.



8th Grade American History - First Trimester

Introduction & Colonial Self Government

- The impact of exploration on the Native Americans and the establishment of Colonies in North America
- Explain Colonial roles and the beginnings of Self-Government

Pre-Revolutionary War

- Causes of The French and Indian War
- Examine the changes that took place after the F & I War
- Explain the purposes of the Declaration of Independence

The Revolution

- Explain the Key people, places and events of the American Revolution
- Understand the challenges / problems of the Articles of Confederation
- Introduce the Constitution and the 3 branches of government.



Eighth Grade - RI English Language Arts - First Trimester

READING and GRAMMAR:

Article of the Week, Daily Language Review, Text-Features, Theater Plays, etc.

Students will:

- analyze and explain the elements of a story
- determine the central idea of a text
- identify and define text features
- annotate the text
- summarize a text
- explain text connections
- increase reading fluency as they read aloud with meaning and emphasis

Historical Fiction Novel Study: *Nightjohn* by Gary Paulsen

Students will:

- use textual evidence to support my analysis of the text
- draw inferences from the text
- describe how a story's plot unfolds in a series of episodes
- describe how a character responds or changes as the plot moves to a resolution.
- use context clues to determine meanings of words I do not know
- identify internal and external conflicts
- make inferences about characters and events in a story
- identify the theme of a story

Informational Research & Writing: Evidence and Reasoning

-POWER WRITING-

Students will:

- Use textual evidence to support writing
- analyze to explain evidence & reasoning
- brainstorm/organize ideas
- categorize information
- select relevant facts, quotations, and details
- revise to clarify and deepen analysis

