

Hazelwood School District Curriculum Highlights

By the end of the school year, an eighth grade student will . . .

Reading

Using grade level texts, eighth grade students will:

- Develop vocabulary using glossary, dictionary, thesaurus and class discussion
- Use appropriate strategies including meaning, syntax, visual cues, and decoding when comprehension breaks down (**Monitoring Comprehension**)
- Compare, contrast, and analyze connections from text-to-text, text-to-self, and text-to-world (**Making Connections**)
- Question in considering the text (evaluate adequacy of author's evidence, determine author's purpose, analyze the text for word choice and connotation) (**Questioning**)
- Create and describe multi-sensory images that enrich and extend the text (**Visualizing**)
- Identify key concept(s) and supporting details and uses text features to clarify (**Determining Importance**)
- Develop predictions, interpretations, or conclusions about the text; identify and analyze point of view, mood, flashback, and theme, evaluate problem-solving processes of characters (**Inferring**)
- Evaluate the author's use of text features to clarify meaning
- Identify and explain figurative language; jargon, dialect, symbolism and slang
- Apply post-reading skills to summarize, paraphrase, and draw conclusions



Writing

- Apply the characteristics of different writing genres to produce their own pieces of writing
- Develop writing skills based on the six writing traits: (content, organization, sentence fluency, word choice, voice, conventions)
- Use the writing process independently



Listening/Speaking

- Use active listening behaviors and ask the speaker appropriate questions
- Listen to recognize how colloquialisms and jargon reflect context, regions and culture
- Speak clearly and stay on topic using appropriate public speaking techniques
- Read, follow and give clear and concise multi-step directions to complete a complex task

Informational Literacy

- Develop a research plan to guide investigation and research of focus questions
- Find and evaluate the reliability of primary and secondary sources, make note cards, organize, and produce a coherent piece of writing
- Document research sources using given citation form
- Identify and explain media techniques used to convey messages in various media

Math

- Model functions, including linear, exponential, quadratic and inverse functions
- Solve problems using the Pythagorean Theorem and square roots
- Make connections among coordinates, slope, distance, and area in graphing
- Determine symmetry and congruence of figures
- Make predictions and compare data



Science

- Practice designing experiments
- Measure and explain properties and their changes in matter, and the accompanying transfer of energy
- Distinguish characteristics and activity in the Earth's land masses and oceans
- Synthesize previous science knowledge and apply to real world simulations
- Make connections between science, mathematics, and technology; develop abilities in technological design

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Social Studies

- Analyze important documents in United States history
- Interpret the Constitution and explain how a citizen participates in government
- Explain United States history from the establishment of colonies to Reconstruction
- Explain how regional differences contributed to conflict in the United States



Art

- Apply drawing techniques and tools with a variety of materials
- Create artwork with various materials, including paint, fiber, clay, and so on
- Apply principles & elements of art to communicate ideas through artwork



Physical Education/Health

Physical Education

- Develop physical fitness and a positive attitude toward a healthy lifestyle
- Display responsible behavior in the physical education setting
- Learn basic skills for various sports and lifetime activities

Health

- Understand the structure and functions of the body systems
- Apply positive personal and family health habits
- Explore the importance of good nutrition
- Develop an awareness of safe and unsafe substances and effects on the body

Music

Choir

- Develop singing skills
- Acquire skills to read music
- Perform vocally with an ensemble

Band

- Demonstrate the ability to play an instrument
- Develop and apply skills to read music
- Develop and apply instrumental music skills to perform with a group



Orchestra

- Demonstrate ability to play an instrument
- Develop and apply skills to read music
- Develop and apply instrumental music skills to perform with a group

Exploring Music

- Develop basic music skills
- Explore the music of diverse cultures, different genres, and distinctive styles
- Identify standard music symbols and rhythms

Spanish

- Overview the Spanish language and culture
- Develop basic conversation skills

Family & Consumer Science

- **Complete 8-10 of the following modules**

Baking & Measurement	Fashion and Textile
Basic Sewing	Food Science
Careers	Interior Design
Early Childhood	Life Skills
Entrepreneurship	Microwave Cooking and Families
Nutrition	Snack Nutrition
Personal Finance	

Gateway to Technology - Design & Modeling

- Explore impact of technology on daily lives
- Use Inventor software to create designs and drawings
- Complete hands-on projects to solve problems

Gateway to Technology - The Science of Technology

- Learn about mechanics of motion and the conversion of energy
- Explore the use of science to improve communication

Gateway to Technology - The Magic of Electrons

- Acquire knowledge and skills in basic circuitry design
- Explore the impact of electricity on our lives

Gateway to Technology - Automation & Robotics

- Learn about automation and robotics
- Develop skills in engineering problem solving