

8TH GRADE

learning

READING

- Read and analyze a variety of genres in class and independently
- Successfully apply various reading strategies for monitoring comprehension
- Write clear, well-developed essays, reports, etc. to enhance comprehension and build knowledge base
- Effectively prepare and present orally
- Classify elements of figurative language / imagery (complex similes, extended metaphors, allusions, colorful verbs, etc.) in fiction, nonfiction and poetry
- Summarize grade-level text using text-based details
- Make inferences to draw conclusions
- Identify author's tone and intent in fiction and nonfiction
- Support meanings of unknown words using context clues
- Read fluently and comprehend appropriate grade-level materials (Lexile: 1110 - 1185)
- Explain how story elements evolve throughout a piece (limited omniscient, stream of consciousness, dramatic irony, style, literary conventions, denotation, connotation, antagonist/protagonist, tone and foil)
- Analyze roles of particular paragraphs and sentences in supporting nonfiction topics
- Answer critical thinking questions in appropriate grade-level text
- Analyze text using appropriate reading strategies (activating prior knowledge, paraphrasing, predicting, summarizing, self-assessment, etc.)
- [8th Grade Learning Requirements- Reading](#)

WRITING

- Demonstrate command of the conventions of standard English mechanics, grammar and usage when writing or speaking
- Use knowledge of language and its conventions when writing, speaking, reading or listening
- Acquire and use accurately grade-appropriate general academic words and phrases; gather vocabulary knowledge when considering a word or phrase important to comprehension or expression
- Use the writing process with independence in genres: persuasive, expository/research, narrative, creative nonfiction and poetry
- Apply APA conventions to all essays, master writing without personal pronouns or contractions, use varied transitions and unique quote introductions
- Demonstrate reliable research and detailed analysis; use effective search methods
- Write in a timed setting with constraints utilizing citations and formal style
- Pose questions that connect the ideas of several speakers and respond to others' questions and comments with relevant evidence, observations and ideas
- Analyze purpose of information presented in diverse media formats to evaluate motives behind presentation
- Present speeches in genres: persuasive, personal narrative and oral interpretation
- Integrate multimedia and visual displays into presentations to clarify information, strengthen claims and evidence and add interest
- Adapt speech to variety of contexts and tasks, demonstrating command of formal English when indicated or appropriate



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MATH

- Use of irrational numbers to solve square roots, quadratic functions and factoring
- Use of radicals and integer exponents to explore compound interest, exponential growth and decay
- Extending proportional relationships using algebraic expressions
- Deepen understanding of functions and analyzing relationships to model real-world situations
- Incorporate algebraic thinking into geometric applications
- Use of scatterplots and trend lines to describe statistical patterns
- Continuing use of algebraic properties as strategies to solve linear equations
- [8th Grade Learning Requirements- Math](#)

SCIENCE

- Plate Tectonics/Plate Motion
- Rock Transformation
- Astronomy/Earth, Moon, & Sun
- Weather
- Water & Climate
- Earth & Human Activity
- [8th Grade Learning Requirements- Science](#)

'SOCIAL STUDIES'

- Inquiry Practices and Processes
- Behavioral Sciences
- Economics
- Geography
- History
- Political Science
- [8th Grade Learning Requirements- Social Studies](#)



HELP YOUR CHILD

Succeed

GRADE 8

ENGAGE

- Encourage your child to write letters, stories and poems regularly
- Promote your child's practice of healthy habits and positive leisure activities
- Provide time for reading every day
- Talk with your child about school and their friends
- Praise your child's efforts and their friends
- Be responsible for reading all school and teacher correspondence
- Make school attendance and student effort a priority
- Participate in conferences
- Discuss current events with your child
- Provide a quiet area for homework and encourage homework to be completed independently
- Be sensitive to the physical and emotional changes your child may be experiencing at this time



CHALLENGE

- Establish several jobs for your child to do to help the family
- Expect your child to use good manners
- Hold your child accountable for their decisions
- Monitor your child's use of screen time

INSPIRE

- Find time for fun with your child
- Be sensitive to your child's thoughts about moving to middle school
- Encourage your child to extend their art, music and/or athletic talents
- Provide opportunities for your child to assist with cooking or construction as a way to apply math skills