

TIA

Curriculum

Grade 5

Language Arts

Reading strategies

- Main idea
- Theme
- Author's purpose and tone
- Text structure
- Sensory details
- Literary devices
- Point of view
- Inference
- Story elements
- Text features
- Visual elements
- Poetry elements
- Literary texts: level 1
- Literary texts: level 2
- Informational texts: level 1
- Informational texts: level 2

Writing strategies

- Organizing writing
- Introductions and conclusions
- Summarizing
- Developing and supporting arguments
- Descriptive details
- Sentence variety
- Editing and revising
- Research skills

Vocabulary

- Prefixes and suffixes
- Greek and Latin roots
- Categories
- Synonyms and antonyms
- Analogies
- Homophones
- Multiple-meaning words

- Idioms and adages
- Shades of meaning
- Context clues
- Reference skills

Grammar and mechanics

- Sentences, fragments, and run-ons
- Nouns
- Pronouns
- Verb types
- Subject-verb agreement
- Verb tense
- Adjectives and adverbs
- Prepositions
- Conjunctions
- Contractions
- Commas
- Capitalization
- Formatting
- Abbreviations

Mathematics

- Place values and number sense
- Addition and subtraction
- Multiplication
- Division
- Exponents
- Number theory
- Decimals
- Add and subtract decimals
- Multiply decimals
- Divide decimals
- Fractions and mixed numbers
- Add and subtract fractions
- Multiply fractions
- Divide fractions
- Mixed operations
- Problem solving
- Percents
- Money
- Number sequences

- Coordinate plane
- Variable expressions
- Data and graphs
- Probability and statistics
- Time
- Units of measurement
- Two-dimensional figures
- Triangles and quadrilaterals
- Symmetry and transformations
- Three-dimensional figures
- Geometric measurement
- Financial literacy
- Prime and composite numbers
- Prime factorization
- Factors
- Multiples
- Geometry
- Data and measurement

Science

- Materials
- Matter and mass
- Heat and thermal energy
- Physical and chemical change
- Energy transformation
- Atoms and molecules
- Force and motion
- Magnets
- Classification
- Scientific names
- Animals
- Plants
- Adaptations
- Traits and heredity
- Cells
- Ecosystems
- Conservation and natural resources
- Rocks and minerals
- Fossils
- Weather and climate

- Earth's systems
- Topographic maps
- Astronomy
- Units and measurement
- Lab tools and equipment
- Engineering practices
- Computer and technology

Social Studies

- History
- Geography
- Economics
- Civic Education

Health Education

- Social and Emotional Health
- Nutrition and Fitness
- Safety, First Aid, and Injury Prevention
- Disease Prevention and Control

Character Building

- Independence
- responsibility
- determination
- friendship
- enthusiasm
- self-confidence
- gratefulness
- respectfulness

- listening skills
- organization skills
- kindness
- Conflict Resolution
- Empathy
- Honesty

Physical Education

- Soccer
- Basketball
- Volleyball
- Swimming

Music, Dance, Art and Craft