

# **TIA**

## **Curriculum**

### **Grade 6**

# Language Arts

## Reading strategies

- Main idea
- Theme
- Author's purpose and tone
- Text structure
- Literary devices
- Analyzing literature
- Analyzing informational texts
- Comparing texts
- Visual elements

## Writing strategies

- Organizing writing
- Developing and supporting arguments
- Creative techniques
- Editing and revising
- Research skills

## Vocabulary

- Prefixes and suffixes
- Greek and Latin roots
- Synonyms and antonyms
- Homophones
- Idioms and adages
- Shades of meaning
- Analogies
- Context clues
- Reference skills

## Grammar and mechanics

- Sentences, fragments, and run-ons
- Nouns
- Pronouns and antecedents
- Pronoun types
- Verb types
- Subject-verb agreement
- Verb tenses
- Adjectives and adverbs
- Prepositions
- Direct and indirect objects
- Conjunctions
- Contractions
- Punctuation
- Capitalization
- Formatting

# Mathematics

- Whole numbers
- Multiplication
- Division
- Exponents
- Number theory
- Decimals
- Add and subtract decimals
- Multiply and divide decimals
- Fractions and mixed numbers
- Add and subtract fractions
- Multiply fractions
- Divide fractions
- Integers
- Operations with integers
- Mixed operations
- Rational numbers
- Problem solving and estimation
- Ratios and rates
- Percents
- Units of measurement
- Money
- Consumer math
- Time
- Coordinate plane

- Expressions and properties
- One-variable equations
- Two-variable equations
- Two-dimensional figures
- Symmetry and transformations
- Three-dimensional figures
- Geometric measurement
- Data and graphs
- Statistics
- Probability
- Financial literacy
- Algebra
- Geometry

# Social Studies

## Prehistory

- Ancient Mesopotamia
- Ancient Egypt and Kush
- Early China
- Ancient South Asia
- Comparing ancient river civilizations
- The Silk Road
- World religions
- Greece
- Rome and the Byzantine Empire
- Islamic empires
- African empires
- Medieval Asia
- Medieval Europe
- Early Modern Europe
- Early Americas
- Age of Exploration

## Physical geography

- The Americas: society and environment

- The Americas: geography
- Europe: society and environment
- Europe: geography
- Africa: society and environment
- Africa: geography
- The Middle East: society and environment
- Asia: society and environment
- Asia: geography
- Oceania: geography
- Government
- The Constitution
- The legal system
- Citizenship

## Basic economic principles

- Economic Systems
- Banking and finance
- Supply and demand

# Science

- Scientific method
- Designing experiments
- Engineering practices
- Matter and mass
- Atoms and molecules
- Chemical reactions
- Velocity and acceleration
- Kinetic and potential energy
- Thermal energy
- Particle motion and energy
- Waves
- Solutions
- Classification and scientific names
- Biochemistry
- Cells
- Anatomy and physiology
- Genes to traits
- Adaptations and natural selection

- Fossils
- Plant reproduction
- Ecosystems
- Ecological interactions
- Conservation
- Natural resources and human impacts
- Rocks and minerals
- Plate tectonics
- Topographic maps
- Water cycle
- Weather and climate
- Climate change
- Natural hazards
- Astronomy
- Units and measurement
- Computer and Technology

## 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