

**Concepts and Topics
Students Learn in
Marking Period 2
Evaluation and
Metacognition**

Social Studies

- Geographic characteristics today and in the past: Montgomery County, Maryland, United States, North America, African regions
- People adapt to and modify the environment
- Cities: change in geographic characteristics and human activity over time
- Decisions about protecting the environment

Writing

- Narrative short composition—poetry; clear event sequence; descriptions of actions
- Informative extended writing—organization; topic development with facts and details
- Opinion short composition—topic introduction; opinion statement supported by reasons
- Speaking and Listening: use of audio recording or visual display to tell a story or report on a topic
- Conventions of Written Language: capitalization and punctuation; function of words in sentences (i.e., adverbs, adjectives, pronouns); function of verbs and verb tenses; types of sentences; conventions of spoken and written language

Art

- Composition: balance (symmetry and asymmetry), emphasis (center of interest)
- Representation of ideas and feelings
- Connections between art and other contents
- Response to art
- Criteria for judging art

Science, Technology, and Engineering

- Conservation of matter
- Characteristics and scope of technology
- Changes to physical properties of materials
- Human needs influence technology
- Temperatures' effects on physical properties of materials: heating, cooling
- Technology used to create products

General Music

- Vocal technique
- Songs: varied repertoire, two-part rounds
- Music reading: rhythmic and melodic
- Meter: identification in written examples
- Music vocabulary: pianissimo/ fortissimo
- Music, songs and dances of various periods and cultures
- Connections between music and other disciplines
- Audience behaviors
- Oratorio: arranging
- Performances: evaluation

Physical Education

- Effort and improvement (relationship)
- Skill themes: overhand throw and catch with a partner, overhand throw to stationary target and partner, overhand throw and catch while moving, striking with body parts to a partner (forearm and overhand pass)
- Goal setting: group, individual
- Performance of a catch with a partner

Health Education

- Response to emergencies
- Access to emergency services
- Personal safety
- Effects of harassment
- Avoidance and treatment of disease
- Comparison of parasitic diseases

Reading

- Literary text: poetry; ask and answer questions; comparison of themes in two texts; point of view; plays, central message, dramatic terms; impact of characters' actions on sequence of events; comparison of settings or characters
- Informational text: ask and answer questions; use of illustrations; main idea and supporting details; comparison of two texts on the same topic; relationship between events, ideas, or processes; a point of view; text features and search tools
- Vocabulary: meaning of words; word relationships and nuances; conversational and academic language; use of reference materials
- Language: ask and answer questions about speaker's information

Mathematics

- Multiplication and division models and fluency (with in 100): facts with 0 to 10
- Multiplication table patterns: properties of operations
- Multiplication and division word problems (1-step): drawings, equations
- Area: rectangles, rectilinear figures
- Distributive property of multiplication
- Equal groups of objects, arrays of objects
- 1-step word problems (all operations)
- Partition shapes: equal areas
- Unit fractions* (numerator of 1): equal parts of a whole
- Fractions: building fractions from unit fractions*

*Grade 3 limited to denominators of 2, 3, 4, 6, 8

Information Literacy

- Inquiry process: defining a need for information
- Resource identification and location: online catalog, search strategies
- Source evaluation: authority
- Note taking: key words, text features, technology tools, format and content, source list
- Information analysis and synthesis: personal connections and inferences, completeness
- Product development: layout design with technology, technology presentation
- Literature appreciation: defense of literature choices