

Concepts and Topics Students Learn in Marking Period 1 Analysis and Collaboration

Social Studies

- Practices associated with democratic principles
- Roles and responsibilities of effective citizens
- Individual and group contributions to the common good
- Roles and responsibilities of local government leaders in a democracy
- Services and goods provided by government, individuals, or businesses today and in the past

Writing

- Workshop routines
- Narrative short composition—dialogue; descriptions
- Informative extended writing—organization; topic introduction; topic development; organization of related information
- Opinion extended writing—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, adjective, pronouns); types of sentences

Art

- Safety and responsibility in art class
- Review of art elements and design principles
- Theme and content of art work
- Use of art elements and design principles to achieve a desired result (sources for ideas and design steps)

Science, Technology, and Engineering

- Position and motion of objects
- Characteristics and scope of technology
- Basics of gravity
- Comparisons of speed and distance of moving objects
- Engineering design process: ideas, models for solutions, design evaluation, design improvement

General Music

- Musical form: verse/refrain, cumulative
- Vocal technique
- Meter: duple vs. triple, conducting
- Music, songs and dances of various periods and cultures
- Meter of two: conducting
- Classroom instruments: playing technique
- Ostinato: performing, arranging
- Folk dances & improvised movement
- Music vocabulary: andante/presto
- Music reading: melodic

Physical Education

- PE rules, routines, working with others
- Demonstration of fundamental movement skills levels and pathways
- Dribbling with hands: pathways and levels
- Goal setting toward achievement
- Combination of locomotor skills while dribbling with hands, feet, levels, speed, space, pathways
- Effects of exercise: response of circulatory system
- Fitness and physical activity: cardiorespiratory endurance and measuring heart rate, muscular endurance vs. muscular strength, flexibility

Health Education

- Verbal and nonverbal communication
- Components of well-being
- Decision-making steps
- Character traits
- Stress factors
- OTC medicine safety
- Consequences of tobacco use
- Caffeine

Reading

- Literacy routines
- Literary text: ask and answer questions; story elements; point of view; use of illustrations; Junior Great Books
- Informational text: ask and answer questions; use of illustrations; main idea and supporting details; comparison of two texts on the same topic
- Vocabulary: meaning of words; word relationships and nuances; conversational and academic language; use of reference materials
- Language: collaborative discussions to deepen understanding

Mathematics

- Addition and multiplication table patterns: properties of operations
- Rounding (within 1000): nearest 100, nearest 10
- Addition fluency within 1000 (composing a 10 and a 100): place value strategies, properties of operations
- Subtraction fluency within 1000 (decomposing a 10 and a 100): place value strategies, properties of operations
- Addition and subtraction word problems (2-step)
- Area of rectangles: tiling, relationship to multiplication and addition
- Multiplication (within 100): equal groups
- Division (within 100): equal shares
- Multiplication and division models and fluency (within 100): facts with 0, 1, 2, 5, 10
- Multiplication and division word problems (1-step): drawings and equations

Information Literacy

- Circulation policies, procedures
- Inquiry process: defining a need for information
- Literature appreciation: selection
- Resource identification and location: use of online catalog and text features
- Source evaluation: currency
- Note taking: text features, keywords, technology tools, format and content, citations
- Information analysis: categories, completeness, conclusions
- Product development: formats, technology presentation