

## MATHEMATICS

- **Operations and Algebraic Thinking:** Determine factor pairs, multiples, prime and composite numbers within 100.
- **Number and Operations—Fractions:** Recognize and generate equivalent fractions; compare fractions using common numerators, common denominators, or benchmarks ( $0, \frac{1}{2}, 1$ ); decompose a fraction into a sum of fractions in more than one way (e.g.,  $2\frac{1}{8} = \frac{8}{8} + \frac{8}{8} + \frac{1}{8} = 1 + \frac{9}{8}$ ); add and subtract fractions, including mixed numbers, with like denominators; solve word problems involving addition and subtraction of fractions; multiply a fraction by a whole number; solve word problems involving multiplication of a fraction and a whole number.
- **Measurement and Data:** Solve measurement word problems involving addition, subtraction, and multiplication of distances, intervals of time, masses of objects, and line plots.
- **Geometry:** Draw and identify line segments and lines, including perpendicular lines, parallel lines, and lines of symmetry.

\*Grade 4 limited to denominators of 2,3,4,5,6,8,10,12,100.



## ART

- **Analyzing and Responding to Art/Creating Art:** Communication of ideas—texture (visual and tactile), movement (direction of the viewer's eye), aesthetic qualities; art and culture—point of view, different times and cultures, human experience; criteria for judging art.



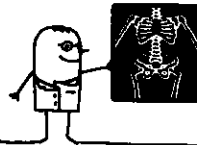
## PHYSICAL EDUCATION

- **Movement Skills and Concepts:** Demonstrate movement skills accurately in sequence; balance patterns, rolling, weight transfer.
- **Personal and Social Responsibilities:** Importance of rules in social movement setting.



## GENERAL MUSIC

- **Analyzing and Responding to Music:** Use and significance of spirituals; describe music of various periods and cultures; connections between music and historical events; moving to demonstrate musical characteristics; music of North American cultures; connections between music and other content areas.
- **Reading and Notating Music:** Music notation—rhythmic.
- **Creating Music:** Improvise with the voice.



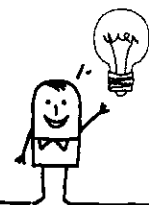
## HEALTH EDUCATION

### Nutrition and Fitness

- Investigate and determine the importance of the six nutrients on lifelong wellness.
- Create healthy dietary goals and plans based on the Dietary Guidelines for Americans.
- Identify media messages and determine their influence on the perception of a healthy body image.

### Family Life and Human Sexuality

- Discuss how family members care for each other and help members mature.
- Discuss how expectations change as family members mature.



## INFORMATION LITERACY

- **Inquiry Process:** Develop and refine researchable questions.
- **Resource identification and location:** Search strategies for print, digital, and multimedia resources.
- **Source evaluation:** Authority and bias.
- **Note taking:** Design formats using technology tools.
- **Information analysis:** Determines fact and opinion, summarize and paraphrase different interpretations, conclusions.
- **Product development:** Design and format for intended audience, technology presentations.
- **Intellectual property:** Ethical use of information, Creative Commons.
- **Literature appreciation:** Defense of literature choices and intellectual freedom.
- **Cybersafety:** Rules for Internet use.