

## GRADE FIVE LEARNER EXPECTATIONS

### Parents Guide to Fifth Grade

#### Some Developmental Characteristics Displayed by Many Ten-Year-Olds

- ☉ Experience an overall feeling of well-being and seem to be at peace with self and the world.
- ☉ Have fleeting moments of being angry, depressed, or sad, but usually these times are quickly forgotten.
- ☉ Girls are beginning to show physical signs and an awareness of approaching puberty. Boys show few signs and far less concern about physical maturity.
- ☉ Appear to be stable with fewer fears and anxieties and have better relations with parents, teachers, and peers than ever before.
- ☉ Love family and enjoy family outings and activities.
- ☉ Generally like school and are conscientious students.
- ☉ Enjoy reading or being read stories of adventure and mystery. Biographies of famous people are a favorite, too.
- ☉ Are more interested in learning facts and memorizing than finding explanations.
- ☉ Boys' relationships with friends are fluid and harmonious, while girls' friendships are more intense with time spent getting mad and making up.
- ☉ Love to play! Are partial to outdoor activities such as baseball, bicycling, skating, climbing, and most of all running.
- ☉ Forming, planning, and joining a club are high on the list of favorite things.

Source:

*Families, Schools, Communities Learning Together - Special Edition: Guide to Developing Grade-Level Brochures for Parents.*

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#### LANGUAGE ARTS

##### Reading: Foundational Skills

- Reads and understands grade level text with accuracy and fluency (rate, automaticity, expression, phrasing, and purpose).

##### Reading: Literature

- Summarizes literary texts using details and accurate quotes, both orally and in writing.
- Interprets author's technique for conveying meaning in literature.
- Integrates knowledge and ideas across multiple literary sources.

##### Reading: Informational

- Summarizes informational text using key details and accurate quotes, both orally and in writing.
- Interprets author's technique for conveying meaning in informational texts.
- Integrates knowledge and ideas across multiple informational sources.

##### Writing

- Write opinion, informative/explanatory, and narrative pieces with effective choice of content, details, organizational format and sequence appropriate to task and audience.
- Develops and strengthens writing by planning, revising, editing, rewriting, or trying a new approach.
- Conducts short research projects while taking notes, categorizing information, and using multiple sources.
- Applies fluent and legible cursive writing skills to written work.
- Uses technology to interact and collaborate with others and uses keyboarding to compose a minimum of two pages.

##### Language

- Demonstrates conventions of standard English grammar and usage when writing and speaking.
- Demonstrates grade level standard capitalization, punctuation, and spelling when writing.

##### Speaking and Listening

- Takes part in conversations about grade level topics and texts.

#### MATH

##### Operations and Algebraic Thinking

- Writes and interprets numerical expressions.
- Analyzes patterns and their relationships.

##### Number and Operations in Base Ten

- Explains values and patterns in whole numbers and decimals (multiples of 10).
- Reads, writes, and compares decimals to thousandths.
- Uses place value understanding to round decimals.
- Multiplies multi-digit whole numbers.
- Uses strategies to divide multi-digit numbers by 2 digit divisors and explains solutions using equations, arrays, and area models.
- Adds and subtracts decimals using strategies, properties, models, and explanations.
- Multiplies and divides decimals using strategies, properties, models, and explanations.

##### Number and Operations - Fractions

- Adds and subtracts fractions and mixed numbers with unlike denominators.
- Solves addition and subtraction word problems with unlike fractions using models and benchmarks.
- Solves word problems involving the division of whole numbers with answers in the form of fractions.
- Applies understanding of multiplication and division to solving problems with fractions
- Interprets multiplication as scaling (resizing) by comparing, predicting and explaining the product.
- Uses models and equations to solve word problems involving multiplication of fractions and mixed numbers.

### Measurement and Data

- Solves multi-step problems involving measurement and conversions.
- Interprets a line plot using unit fractions to solve problems.
- Understands concepts of volume and solves volume word problems.

### Geometry

- Graphs and interprets points on coordinate planes to solve real-world mathematical problems.
- Classifies 2-D shapes by their properties.

### Mathematical Practices

- Understands the problem situation: makes sense of problems; reasons abstractly and quantitatively.
- Represents the problem situation: models with mathematics; looks for and makes use of structure.
- Solves the problem: uses appropriate tools; uses repeated reasoning.
- Checks that the answer makes sense: critiques the reasoning of others; attends to precision.

## SOCIAL STUDIES

### Geography: People, Places and Environment

- Describes and locates features on maps and globes.
- Describes and gives examples of ways people interact with the environment.
- Identifies connections between the United States and the world.

### History: Time/Continuity and Change

- Identifies and describes important events and famous people.
- Explains how people, places and events influence our lives.

### Government and Citizenship

- Describes the purpose of our national government and the responsibility of its citizens.

### Economics

- Describes how personal decisions (recycling, purchases and monetary contributions) affect the lives around him/her and the environment.

- Identifies national goods and services (imports/exports) as part of the global economy.
- Identifies the importance of money in society in the United States.

## SCIENCE/HEALTH

### Science Inquiry

- Asks scientific questions.
- Plans and conducts investigations.
- Uses tools to gather data.
- Uses data to construct reasonable explanations.
- Communicates investigations and explanations.

### Physical Science

- Understands the properties of matter and changes in properties of matter.

### Earth Science

- Understands the process of change on the surface of the earth.

### Life Science

- Understands identifiable characteristics of food and the effects of nutrition on health.

### Health

- Understands concepts and practices behaviors to promote health and prevent diseases.

## PHYSICAL EDUCATION

- Applies basic offensive and defensive strategies in invasion games.
- Performs movement combinations using rhythm, balance, and/or weight transfer.
- Applies basic offensive and defensive strategies in net/wall games.
- Creates a personal wellness goal based upon a health-related component.
- Demonstrates safe, responsible, and respectful behaviors during active participation.

## VISUAL ARTS

- Demonstrates ability to describe and interpret works of art.

- Uses basic art skills and techniques to produce quality works of art.
- Uses problem solving skills to make works of art that express original ideas.
- Identifies meanings of works of art from different times, places and cultures.

## MUSIC

- Sings a song.
- Performs a song on a melodic instrument.
- Reads known pitches.
- Reads known rhythms.
- Writes known pitches.
- Writes known rhythms.
- Makes safe, respectful and responsible choices.

## BEHAVIORS OF LIFELONG LEARNERS

### Collaborative Worker

- ◆ Cooperates with others.
- ◆ Demonstrates respect and compassion for others.

### Community Contributor

- ◆ Takes responsibility for self and materials.
- ◆ Accepts responsibility for actions.
- ◆ Demonstrates self-control.
- ◆ Participates appropriately in group discussion.

### Quality Producer

- ◆ Initiates and completes tasks on time.
- ◆ Strives for accuracy, quality and neatness.

### Complex Thinker

- ◆ Thinks, questions, and solves problems in a variety of ways.
- ◆ Demonstrates curiosity in learning.
- ◆ Demonstrates a willingness to try new experiences.

