



Baltimore County Public Schools

Dr. S. Dallas Dance, Superintendent

2015-2016 Guide for Parents

First Grade Standards

READING/LANGUAGE ARTS

The elementary language arts program provides all students access to appropriate learning pathways through a responsive instruction model. Through ongoing formal and informal assessment, students are flexibly grouped into one of three pathways (scaffold, enrichment, or acceleration) for teacher-facilitated, small group instruction. The elementary language arts program is aligned with the Common Core State Standards (CCSS). For more information, visit the curriculum Web page at [Parent Roadmap – Supporting Your Child in Grade One, English Language Arts](#)

Students in Grade 1 should know and be able to:

- Know and apply grade-level phonics and word analysis skills.
- Read with sufficient accuracy and fluency to support comprehension.
- Learn and use new words.
- Read a range of text, including stories, poems, and informational texts.
- Ask and answer questions about key details in a text.
- Retell key details of texts and demonstrate an understanding of the central message, lesson, or main topic.
- Describe characters, setting, and major events in a story.
- Describe the connection between two individuals, events, ideas, or pieces of information in a text.
- Participate in class discussions by listening actively, responding to what others are saying, and asking questions to clarify understanding.
- Work with others to gather facts and information on a topic.
- Write to describe an event, provide information on a topic, or share an opinion.
- Learn and apply the rules of spoken and written English.

MATHEMATICS

The BCPS Grade 1 mathematics curriculum is aligned with the Maryland College and Career Ready Standards. Opportunities for enrichment and extension are embedded within the curriculum.

The Grade 1 elementary mathematics curriculum focuses on four critical areas:

1. Addition and subtraction.
2. Whole number relationships and place value.
3. Linear measurement.
4. Geometry.

MATHEMATICS (Continued)

Students in Grade 1 should know and be able to:

- Use addition and subtraction within 20 to solve word problems.
- Solve word problems that call for addition of three whole numbers whose sum is less than or equal to 20.
- Apply properties of operations as strategies to add and subtract.
- Understand subtraction as unknown-addend problem.
- Relate counting to addition and subtraction.
- Add and subtract within 20. *Demonstrating fluency for addition and subtraction within 10 using strategies such counting on and making 10.**
- Understand the meaning of the equal sign, and determine if equations involving addition and subtraction are true or false.
- Determine the unknown whole number in an addition or subtraction equation.
- Count to 120 starting at any number less than 120.
- Create a repeating pattern, identify the part of the pattern that repeats, and associate counting numbers with elements of the pattern.
- Understand that the two digits of a two-digit number represent amounts of tens and ones.
- Compare two-digit numbers based on meanings of the tens and ones digits using the symbols $<$, $=$, and $>$.
- Add within 100 using concrete models or drawings and strategies.
- Add and subtract multiples of ten to a two-digit number.
- Measure lengths indirectly and by iterating length units.
- Tell and write time to the hour and half-hour.
- Represent and interpret data.
- Reason with two- and three-dimensional shapes and their attributes.

**Grade level fluency expectation.*

SCIENCE

The elementary science curriculum includes content in the areas of Earth/Space Science, Life Science, and Physical Science, while incorporating the skills and processes of science. For more information, visit the curriculum Web page at <http://www.bcps.org/offices/science/parents.html>.

Students in Grade 1 should know and be able to:

- Identify and describe celestial objects that appear in the day sky and in the night sky.
- Identify and describe weather conditions for each season.
- Recognize and explain how the functions of various external structures enable organisms to survive.
- Observe, describe, and give examples of many kinds of living things found in places in Maryland.
- Identify and describe the sources and uses of electricity in daily life.
- Describe the effect magnets have on a variety of objects.
- Describe and classify materials or objects based on physical properties (texture, size, color, shape).
- Seek information from readings, investigations, and oral communications.
- Describe the similarities and differences among objects and materials.
- Apply scientific concepts to make decisions about an identified, relevant, science issue.
- Recognize and describe that everyone can do science and invent things.

SOCIAL STUDIES

Social studies instruction is intended to provide the knowledge of content and appropriate skills so students can become active, involved citizens of the community. The Grade 1 social studies curriculum specifically focuses on building a sense of self and community while beginning to incorporate the larger social studies themes of geography, economics, political science, culture, and history. The current Grade 1 curriculum includes the following units of study:

1. Schools Days.
2. Home with My Family.
3. Living in a Community.
4. In and Around the Land.
5. My World Near and Far.

Students in Grade 1 should know and be able to:

- Explore their roles and responsibilities as individuals and as members of various groups.
- Explain how family members depend upon one another and make economic choices to meet their wants.
- Describe and begin to analyze how people interact culturally, socially, politically, and economically in a community.
- Determine relationships between people and the physical environment in which they live, including how landforms, bodies of water, and natural resources affect daily lives.
- Identify how communication, trade, and transportation connect people and places.

HEALTH

Health instruction is designed to provide the functional knowledge and skills to enhance health and well-being.

Students in Grade 1 should know and be able to:

- Examine emotions and responses to various situations.
- Explain how to improve or maintain personal health.
- Identify what is special about their family.
- Recognize that foods are categorized into groups.
- Identify basic ways to prevent the spread of germs.

LIBRARY MEDIA

The library media program is aligned with the Maryland College and Career Ready Standards and the Standards for the 21st Century Learner.

Students in Grade 1 should know and be able to:

- Use the Internet, digital content, and technology tools to efficiently and effectively locate, explore, gather, evaluate, organize, synthesize, and communicate information using a variety of media formats.
- Read, listen to, and discuss literature that provides examples of characters solving problems.
- Discover the pleasure of reading, listening to, and viewing a variety of printed and digital texts.
- Build understanding of how information is organized in both print and digital contexts.
- Generate compelling questions related to units being studied to focus on inquiry and research.
- Identify and use a variety of forms of printed and digital content to build background knowledge.
- Use the Web-based Online Public Access Catalog from school and home to locate library and Internet resources to solve problems, answer questions, and select resources that support learning and personal interests.
- Exhibit respect for the intellectual property rights of others.

MUSIC

The elementary music program is a comprehensive program of instruction aligned to the Maryland Essential Learner Outcomes for Fine Arts. Music content and skills are sequentially developed from prekindergarten through Grade 5.

Students in Grade 1 should know and be able to:

- Distinguish between high/low, loud/quiet, fast/slow, and long/short.
- Develop listening skills.
- Create movements.
- Identify simple melodic phrases and rhythm patterns.
- Classify forms of music by differentiating between sections.

PHYSICAL EDUCATION

The physical education program focuses on developing physically literate students. The content includes skill development in body and spatial awareness, fundamental and creative movement, rhythms and dance, tumbling and gymnastics, and fitness.

Students in Grade 1 should know and be able to:

- Perform a variety of locomotion movements using different pathways, levels, speeds, and directions.
- Demonstrate a variety of basic skills including throwing, catching, kicking, and striking.
- Apply basic safety rules when performing in personal space, general space, and on equipment.
- Identify how the heart responds to aerobic activity.
- Cooperate with others and accept each classmate as a contributing member of the group.

VISUAL ARTS

The first grade visual arts program focuses on exploration and discovery.

Students in Grade 1 should know and be able to:

- Identify shapes, colors, lines, and textures.
- Use symbols and images to interpret what is seen and felt.
- Discover ways lines, shapes, colors, and textures may be used to tell about people, places, and things.
- Discover ways in which different artists use elements and materials to express ideas.

SPECIAL NOTE: Technology is integrated into all subject areas to enhance opportunities for collaboration, creativity, and innovation. Effective technology integration prepares students to connect problem-solving, critical-thinking, and communication skills to their intellectual growth.