



# Baltimore County Public Schools

Dr. S. Dallas Dance, Superintendent

## 2015–2016 Guide for Parents *Second 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 Two, English Language Arts](#)

Grade 2 students should know and be able to:

- Apply grade-level phonics and word analysis to decode words.
- Read with sufficient accuracy and fluency to support comprehension.
- Read a range of texts, including fables and folktales from different cultures and texts about social studies and science.
- Read and respond to texts by asking/answering such questions as who, what, when, where, why, and how.
- Analyze texts to describe how characters respond to major events and challenges and note differences in points of view.
- Compare and contrast two or more versions of the same story and the most important points presented by two texts on the same topic.
- Learn and use new words.
- Participate in class discussions by listening and building on what others are saying.
- Ask and answer questions about what a speaker says in order to clarify comprehension, gather additional information, and deepen understanding.
- Write opinion pieces in which they introduce a book or topic, state an opinion, and supply reasons to support their opinion.
- Write both informative/explanatory texts and narratives.
- Learn and apply the rules of spoken and written English.

### MATHEMATICS

The BCPS Grade 2 mathematics curriculum is aligned with Maryland College and Career Ready Standards. Opportunities for enrichment and extension are embedded within the curriculum.

The Grade 2 mathematics curriculum focuses on four critical areas:

1. Extending understanding of the base-ten system.
2. Building fluency with addition and subtraction.
3. Using standards units of measure.
4. Describing and analyzing shapes.

## MATHEMATICS (Continued)

Students in Grade 2 should know and be able to:

- Use addition and subtraction within 100 to solve one-and two-step word problems.
- Fluently add and subtract within 20 using mental strategies. By the end of Grade 2, students should know from memory all sums of two, one-digit numbers. *Fluency, or knowing from memory, develops with the use of reasoning strategies rather than through rote memorization.\**
- Determine whether a group of objects (up to 20) has an odd or even number of members, by pairing objects or counting them by 2s.
- Use addition to find the total number of objects arranged in rectangular arrays.
- Understand place value.
- Fluently add and subtract within 100 using strategies based on place value, properties of operations, and/or the relationship between addition and subtraction.\*
- Add up to four two-digit numbers using strategies based on place value and/or properties of operations.
- Add and subtract within 1000, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction.
- Mentally add or subtract 10 or 100 to/from a given number from 100–900.
- Explain why addition and subtraction strategies work, using place value and the properties of operations.
- Measure and estimate length in standard units.
- Use addition and subtraction within 100 to solve word problems involving lengths that are given in the same units.
- Represent whole numbers as lengths from 0 on a number line and represent whole-numbers sums and differences within 100 on a number line.
- Work with time and money.
- Represent and interpret data.
- Reason with two- and three-dimensional shapes and their attributes.

*\*Grade level fluency standard.*

## SCIENCE

The elementary science curriculum includes content in the areas of Earth/Space Science, Life Science, and Physical Science, and incorporates 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 2 should know and be able to:

Recognize and explain how the basic needs of organisms are provided by their habitats.

Identify the similarities/differences among offspring and their parents.

- Use scientific skills and processes to explain the interactions of matter and energy.
- Describe and compare properties of a variety of Earth materials.
- Observe and describe changes over time in the properties, location, and motion of celestial objects.
- Apply scientific concepts to make decisions about an identified, relevant science issue.
- Recognize and explain that a model can be used to learn something about an object.
- Recognize that people have investigated the world around us, answered scientific questions, and invented 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. Students in Grade 2 will continue to build and develop skills in geography, economics, political science, culture, and history. During Grade 2, students will expand upon the foundational skills learned in Grade 1 to begin basic comparison and analysis studies in the five major areas of social studies. The current Grade 2 units of study include:

1. Geography of Neighborhoods and Communities.
2. Economics in the Community.
3. Citizenship in the Community.
4. Communities in Different Times and Places.

Students in Grade 2 should know and be able to:

- Identify and compare the physical and human characteristics of rural, urban, and suburban communities.
- Identify and explain the production, distribution, and consumption of goods and services.
- Identify and explain the rights and responsibilities of citizens in the United States.
- Compare lives in communities, past and present.

## **HEALTH**

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

Students in Grade 2 will know and be able to:

- Identify positive and negative character traits that contribute to one's uniqueness.
- Recognize the principles associated with stress.
- Identify appropriate uses of medicine.
- Demonstrate the ability to respond appropriately to emergency situations.
- Identify ways to stay safe outdoors.
- Identify ways to stay safe from strangers.
- Define and describe disease.
- Explain how to improve or maintain personal health.

## **LIBRARY MEDIA**

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

Students in Grade 2 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.
- Practice using literary concepts/terminology as a means of comparing and contrasting different types of fiction.
- 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 and effective search strategies to find answers to questions.
- 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.

## 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 2 should know and be able to:

- Analyze and identify patterns and form.
- Develop discriminating listening skills.
- Create dramatizations to correlate with song repertoire and literature.
- Apply written symbols to aural musical performance.

## 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 2 should know and be able to:

- Demonstrate and combine fundamental movement skills using mature patterns in a sequence.
- Practice and improve basic skills, such as throwing and catching with self, a partner, and in small groups.
- Perform rope jumping skills by using a self-turned rope.
- Identify physical activities that contribute to the improvement of fitness.
- Demonstrate appropriate ways to show sportsmanship.

## VISUAL ARTS

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

Students in Grade 2 should know and be able to:

- Observe and respond to nature and man-made forms.
- Identify ways in which symbols and images are used to represent objects and events.
- Extend and refine abilities using art media.
- Discover ways in which different artists use art 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.