



*Excellence is our standard, achievement is the result*



## **GRADE 2**

### **CURRICULUM AND ASSESSMENT HANDBOOK FOR PARENTS**

**Abington School District  
Abington, PA**

## Superintendent's Message

This Curriculum Handbook is the result of recommendations made by a committee of staff members and parents/guardians. The committee recognized a need to provide another source of information to improve communication between home and school regarding the instructional program.

On the following pages, you will find the standards categories as listed on the grade level report card. These categories correlate with the standards established in the Pennsylvania School Code. For each area of the curriculum, examples of the concepts, skills and activities that are done at this grade level are listed. During parent-teacher conferences, teachers will be reporting student progress by the standard category and will be using Performance Level Descriptors that reflect those used on the Pennsylvania State System of Assessment. Information about the Performance Level Descriptors is given on the last page of this handbook.

Parents/guardians are urged to use the information in this booklet as a basis for formulating questions regarding their student's progress.

If parents/guardians have any questions concerning the instructional program or their student's progress, they should contact the teacher and the school principal.



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## Grade 2 Curriculum and Assessment Handbook for Parents

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Student: \_\_\_\_\_

School Year: \_\_\_\_\_ Grade: \_\_\_\_\_

School: \_\_\_\_\_

Teacher: \_\_\_\_\_

COMMUNICATION ARTS	Marking Period		
	1	2	3
Learning to Read			
Reading Critically			
Interpreting Literature			
Writing			
Speaking			
Listening			
Research			
<b>MATHEMATICS</b>			
Numbers and Computation			
Geometry and Measurement			
Reasoning and Problem Solving			
Probability and Statistics			
Algebraic Concepts			
<b>SCIENCE</b>			
Inquiry and Design			
Biological Sciences			
Physical Science			
Earth Sciences			
Technological Devices			
<b>HEALTH</b>			
Concepts of Health			
Healthful Living			
Safety and Injury Prevention			
<b>SOCIAL STUDIES</b>			
Career Education and Work			
Civics and Government			
Economics			
Geography			
History			

ART	Marking Period		
	1	2	3
Production, History, Critique, Aesthetics			
Work Habits and Social Skills			
<b>MUSIC</b>			
Production, History, Critique, Aesthetics			
Work Habits and Social Skills			
<b>PHYSICAL EDUCATION</b>			
Physical Activity and Movement			
Work Habits and Social Skills			
<b>WORK HABITS</b>			
Demonstrates effort			
Comes to school prepared			
Demonstrates positive attitude			
Works well independently			
Keeps materials organized			
Follows directions			
<b>SOCIAL SKILLS</b>			
Respects rights of others			
Demonstrates self-control			
Follows school and classroom rules			
Accepts responsibility for behavior			
Cooperates with others			
<b>ATTENDANCE</b>			
Absent			
Tardy			

## Grade 2 Standards-Based Curriculum

### Communication Arts

- Learning to Read
  - Decoding Strategies
    - Phonics, word analysis, word families, picture and context clues
  - Vocabulary
    - Synonyms, antonyms, context clues, multiple meaning words, reference sources, word families, application of new vocabulary, word study
  - Comprehension
    - Predicting, purpose-setting, analysis, evaluation, inferences, summary, retell, conclusions, text structure, illustrations, citation of evidence from text
    - Author's purpose, main idea, details
  - Fluency
    - Pace, expression, intonation, phrasing, accuracy
- Reading Critically
  - Comprehension of informational texts: essential and non-essential information, inferences and conclusions, author's purpose, text structures
- Interpreting Literature
  - Comprehension of and response to a variety of types of literature
  - Comparing works of literature
  - Literary elements: character, setting, plot, cause/effect, compare/contrast, sequence, fact/fiction
  - Literary devices: rhyme, rhythm, patterns, alliteration, figurative language
- Writing
  - Narrative and informational forms
  - Responding to reading
  - Writing process: pre-write, draft, revise, edit, publish
  - Traits: focus, content, organization, style, conventions

- Appropriate grammar, usage, and mechanics, including spelling and handwriting

- Speaking
  - Small/large group discussions and presentations
- Listening
  - Listening skills in a variety of situations
- Research
  - Locating information
  - Text features
  - Library resources, including technology resources

### Mathematics

- Numbers and Computation
  - Add and subtract within 20 fluently
  - Know all sums of two 1-digit numbers automatically
  - Determine whether the number of objects in a group is odd or even
  - Find the total number of objects in a rectangular array
  - Represent whole numbers as hundreds, tens, and ones
  - Understand exchanging tens and hundreds
  - Count by 1's, 5's, 10's and 100's
  - Read and write numbers and number names
  - Read and write numbers in expanded form
  - Use place value and properties of operations to add and subtract
  - Compare and order numbers
  - Record comparisons using  $<$ ,  $>$ , and  $=$
  - Add up to four 2-digit numbers
  - Add multi-digit numbers using models or strategies
  - Subtract multi-digit numbers using models or strategies
  - Mentally add 10 to and subtract 10 from a given number
  - Mentally add 100 to and subtract 100 from a given number

## ■ Geometry and Measurement

- Select and use appropriate tools to measure length
- Estimate lengths
- Model and solve number stories involving length by adding and subtraction
- Represent sums and differences on a number-line diagram
- Tell and write time using analog and digital clocks
- Solve problems using coins and bills
- Read and write monetary amounts
- Recognize and draw shapes with specified attributes
- Identify 2-dimensional and 3-dimensional shapes
- Partition shapes into equal shares
- Describe equal shares using fraction words
- Describe the whole as a number of shares
- Recognize that equal shares of a shape need not have the same shape

## ■ Reasoning and Problem Solving

- Create mathematical representations using numbers, words, pictures, symbols, tables, graphs and concrete objects
- Make mathematical conjectures and arguments
- Model real-world situations using graphs, drawings, tables, symbols, numbers, and diagrams
- Use mathematical models to solve problems and answer questions
- Use appropriate tools effectively and make sense of results
- Explain mathematical thinking clearly and precisely
- Identify and use mathematical structures such as categories, patterns, and properties to solve problems and answer questions
- Create and justify rules and generalizations

## ■ Probability and Statistics

- Generate measurement data
- Represent measurement data on a line plot
- Organize and represent data on bar and picture graphs
- Answer questions using information in graphs
- Draw a picture graph to represent a data set with up to 4 categories

- Draw a bar graph to represent a data set
- Problem solve using information in a bar graph

## ■ Algebraic Concepts

- Represent addition and subtraction problems with drawings or equations with a symbol for the unknown
- Solve addition and subtraction problems with unknowns in all positions
- Solve equations using a symbol for the unknown number
- Write equations to express an even number as the sum of two equal addends
- Model 1-step and 2-steps problems involving addition and subtraction
- Express the number of objects in an array as a sum of equal addends

## Science

### ■ Inquiry and Design

- Simple experiments
- Problem-solving strategies
- Organization and interpretation of test results
- Communication of observations in words and drawings
- Application of previously learned concepts and skills to analyze unfamiliar samples

### ■ Biological Sciences

- Characteristics and basic needs of organisms
- Life cycle of organisms
- Organisms and their environment

### ■ Physical Science

- Properties of objects/materials
- Position and motion of objects

### ■ Earth Sciences

- Properties of earth materials

- **Technological Devices**
  - Discover new ways to use objects to solve problems and get work done
  - Assembly and use of equipment for experiments

## **Social Studies**

- **Career Education and Work**
  - Career awareness and preparation
- **Civics and Government**
  - Elected officials
  - The democratic process
  - Rights and responsibilities
  - The purposes and consequences of rules
- **Economics**
  - Relationship between producers and consumers
  - Relationship between work and money
  - Scarcity and choice
  - Wants and needs
- **Geography**
  - Reading and interpreting maps
- **History**
  - Timeline of early American history
  - Inventors and inventions
  - African-American contributions to history
  - Community life, past and present

## **Health**

- **Concepts of Health**
  - Growth and development
  - The Body: bones and muscles
  - Basic nutrition and fitness

- **Healthful Living**
  - Personal hygiene and prevention of the spread of disease
  - Goal setting and decision making skills
  - Understanding the relationship between physical and emotional health
  - Respecting differences

- **Safety and Injury Prevention**
  - Recognizing safe/unsafe practices
  - Explaining and applying safe practices
  - Nonviolent conflict resolution

## **Art**

- **Production, History, Critique, Aesthetics**
  - Manipulation techniques with materials
  - Primary and secondary colors
  - Symmetrical shapes
  - Works of art

## **Music**

- **Production, History, Critique, Aesthetics**
  - Development of singing voice
  - Pitched and un-pitched instruments
  - Fundamental song forms
  - Fundamental music notation
  - Musical interpretation through listening and movement
  - Identification of various tone colors

## **Physical Education**

- **Physical Activity and Movement**
  - Cooperative games
  - Team activities
  - Fitness activities
  - Sensory motor skills including throwing, catching and kicking
  - Locomotor movements such as running, skipping and hopping

## Performance Level Descriptors

### Advanced (A)

Demonstrates:

- superior understanding of concepts, skills and strategies with respect to the standard
- 93 – 100% mastery on assessment items related to the standard and scored numerically
- achievement at the highest level on assessment items that are related to the standard and graded with a rubric
- the ability to apply and extend learning and to explore ideas/topics independently

### Proficient (P)

Demonstrates:

- solid understanding of concepts, skills and strategies with respect to the standard
- 80 – 92% mastery on assessment items related to the standard and scored numerically
- achievement at the proficient level on assessments that are related to the standard and graded with a rubric
- the ability to apply and extend learning and to explore ideas/topics with support

### Basic (B)

Demonstrates:

- partial understanding of concepts, skills and strategies with respect to the standard
- 60 – 79% mastery on assessment items related to the standard and scored numerically
- achievement one level below proficiency on assessments that are related to the standard and graded with a rubric
- a need to begin to apply and extend learning and to explore ideas/topics

### Below Basic (BB)

Demonstrates:

- inadequate understanding of concepts, skills and strategies with respect to the standard
- less than 60% mastery on assessment items related to the standard and scored numerically
- achievement at the lowest level on assessments that are related to the standard and graded with a rubric
- a need for additional, focused instructional opportunities

Work Habits and Social Skills  
Performance Level Descriptors

Excellent (E)

Good (G)

Needs Improvement (N)