

Upper Merion Area School District
Progress Report
Category Descriptions

Kindergarten – 4th grade



UMASD Progress Report

***Key Terms for English Language Arts and Mathematics
PA Core Standards***

English Language Arts – PA Core Standards

- 1.1 **Foundational Skills:** Students gain a working knowledge of concepts of print, alphabetic principle, and other basic conventions.
- 1.2 **Reading Informational Text – Nonfiction:** Students read, understand, and respond to informational text-with an emphasis on comprehension, vocabulary acquisition, and making connections among ideas and between text with a focus on textual evidence.
- 1.3 **Reading Literature – Fiction:** Students read and respond to works of literature-with emphasis on comprehension, vocabulary acquisition, and making connections among ideas and between texts with focus on textual evidence.
- 1.4 **Writing:** Students write for different purposes and audiences. Students write clear and focused text to convey a well-defined perspective and appropriate content.
- 1.5 **Speaking and Listening:** Students present appropriately in formal speaking situations, listen critically, and respond intelligently as individuals or in group discussions.

Mathematics – PA Core Standards

- 2.1 **Numbers and Operations**
- 2.2 **Algebraic Concepts**
- 2.3 **Geometry**
- 2.4 **Measurement and Data**

Standards for Mathematical Practice

1. Make sense of problems and persevere in solving them
2. Construct viable arguments and critique the reasoning of others
3. Use appropriate tools strategically
4. Look for and make use of structure
5. Reason abstractly and quantitatively
6. Model with mathematics
7. Look for and express regularity in repeated

The PA Core Standards provide the targets for instruction and student learning essential for success in all academic areas. Although the standards are not a curriculum or a prescribed series of activities, school entities will use them to develop a local school curriculum that will meet local students' needs.

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Approaches to Learning

Self-Directed Learner:

- Seeks help when appropriate
- Stays on task
- Assumes responsibility for belongings
- Assumes responsibility for learning

Productive Learner:

- Follows directions and procedures
- Produces work that is neat and organized
- Completes classwork on time
- Completes homework on time

Collaborative Worker:

- Offers and accepts constructive suggestions
- Works cooperatively

Respectful Citizen:

- Demonstrates self-control
- Follows school rules
- Demonstrates courtesy and consideration for others

English Language Arts

Foundational Skills:

- Book handling, print concepts, letter identification (K)
- Phonological awareness (K-1)
- Phonics and word recognition (K-4)
- Read with fluency and expression (1-4)

Reading Informational Text – Nonfiction:

- Key ideas and details
 - Main idea (summary, details linked to main idea, accurate facts) (K-4)
 - Text analysis (identify who, what, when, where, why, how) (2)
 - Text analysis (make inferences, refer to details in text to support meaning of text) (3-4)
- Craft and structure
 - Parts of a book (title, author) and parts of text (beginning, middle, end) (K)
 - Use various text features to locate and interpret key information (1-4)
 - Explain the point of view of the author (3-4)
- Integration of knowledge and ideas
 - Use illustrations and graphics to clarify meaning of a text (K-4)
 - Identify reasons an author gives to support points in a text (K-2)
 - Describe how an author connects sentences and paragraphs to support particular points in a text (3-4)

- Vocabulary acquisition and use
 - Determine or clarify the meaning of unknown words and phrases (K-4)
 - Uses words and phrases acquired through conversations, reading, and being read to respond to texts (K-1)
 - Acquire and use grade-appropriate conversational, general academic, and domain-specific words and phrases (2-4)
- Range of reading
 - Actively engage in group reading activities with purpose and understanding (K)
 - Read and comprehend a variety of literary nonfiction and informational texts (1-4)

Reading Literature – Fiction:

- Key ideas and details
 - Main idea (identify characters, setting, problem, sequence, resolution, theme) (K-4)
 - Text analysis (identify who, what, when, where, why, how) (2)
 - Text analysis (make inferences, refer to details in text to support meaning of text) (3-4)
- Craft and structure
 - Name the author and illustrator of a story (K)
 - Identify point of view of various characters (1-2)
 - Describe how words and phrases supply rhythm, suggest feelings, and provide meaning in a story, poem, or song (1-2)
 - Identify point of view of author (3-4)
 - Refer to structural elements of a text in speaking or writing (3-4)
 - Distinguish between literal and nonliteral meaning, including figurative language (3-4)
- Integration of knowledge and ideas
 - Make connections between illustrations and the text in a story (K-1)
 - Compare and contrast the adventures and experiences of characters in familiar stories (K-1)
 - Use illustrations and words to demonstrate understanding of characters, setting, or plot (2-4)
 - Compare and contrast two or more similar stories by different authors, different stories by the same author, or similar content from different cultures (2-4)
- Vocabulary acquisition and use
 - Determine or clarify the meaning of unknown words or phrases (K-4)
 - Use words and phrases acquired through conversations, reading, and being read to respond to texts (K-1)
 - Acquire and use grade-appropriate conversational, general academic, and domain-specific words and phrases (2-4)
- Range of reading
 - Actively engage in group reading activities with purpose and understanding (K)
 - Read and comprehend a variety of literary fiction independently and proficiently (1-4)

Writing:

- Range of writing (Narrative, Informative/Explanatory, Opinion) (K-4)
 - Focus (establish a situation, characters, problem)
 - Content (convey thoughts and feelings of characters, develop a topic with facts, establish an opinion with reasons)
 - Organization (provide a sequence of events that unfolds naturally)
 - Style (use a variety of words and phrases)
 - Conventions (use proper grammar, usage, capitalization, punctuation, spelling)
- Conduct research, considering credibility, reliability, and validity of sources (K-4)
- Write in response to analysis of literature (3-4)
- Plan, revise, edit, and publish in shorter and extended time frames (K-4)

Speaking and Listening:

- Comprehension and collaboration
 - Ask and answer questions (K-4)
 - Discuss key ideas and details from a text read aloud (K-2)
 - Communicate to determine main ideas and supporting details of a text read aloud or information presented in diverse media formats (visually, quantitatively, orally) (3-4)
 - Participate in collaborative conversations with peers and adults, building on others' ideas and expressing their own ideas clearly (K-4)
- Presentation of knowledge and ideas
 - Speak audibly in coherent sentences to share stories and ideas (K-2)
 - Report on a topic in an organized manner, speaking with adequate volume, appropriate pacing, and clear pronunciation (3-4)
- Integration of knowledge and ideas
 - Add drawings or other visual displays when sharing aloud to clarify ideas, thoughts, and feelings (1-2)
 - Create or use audio recordings and visual displays to enhance the development of main ideas or themes of a presentation (3-4)
- Conventions of standard English
 - Demonstrate command of standard English when speaking, based on grade-level content (K-4)

Mathematics

Numbers and Operations:

- Counting and cardinality (K)
 - Know number names and write and recite the count sequence
 - Apply one-to-one corresponding to count the number of objects
 - Apply the concept of magnitude to compare numbers and quantities
- Adding and subtracting (K-2)
 - Use place value to compose and decompose numbers within 19 (K)
 - Use place-value concepts to add and subtract within 100 (1)
 - Use place value add, subtract, and skip-count within 1000 (2)
- Multiplication and division (3-4)
 - Develop automaticity in single-digit multiplication and division (3)
 - Use properties of operations to perform multi-digit arithmetic (4)

- Fractions (3-5)
 - Explore and develop an understanding of fractions as numbers (3)
 - Show equivalence and ordering of decimals and connection to decimals (4)

Operations and Algebraic Thinking:

- Demonstrate the concepts of putting together and taking apart to add and subtract within 10 (K)
- Represent and solve problems involving addition and subtraction within 20 (1)
- Add and subtract within 1000, use mental math to add and subtract within 20 (2)
- Demonstrate multiplication and division fluency (3)
- Represent and solve problems involving the four operations (3-4)
- Find factors and multiples (4)
- Generate and analyze patterns using one rule (4)

Geometry:

- Identify, describe, create and compare two- and three-dimensional shapes (K-1)
- Partition shapes into halves and quarters (1)
- Partition shapes into halves, quarters, and thirds (2)
- Identify, compare, and classify shapes and their attributes (3)
- Classify two-dimensional figures by properties of their lines and angles (4)
- Recognize symmetric shapes and draw lines of symmetry (4)

Measurement and Data:

- Describe and compare attributes of length, area, weight, and capacity of everyday objects (K)
- Order lengths and measure them both indirectly and by repeating length units (1)
- Tell and write time to the nearest half hour using both analog and digital clocks (1)
- Represent and interpret data using tables/charts (1)
- Measure and estimate lengths in standard units using appropriate tools (2)
- Tell and write time to the nearest five minutes using both analog and digital clocks (2)
- Represent and interpret data using line graphs, picture graphs, and bar graphs (2)
- Solve problems and make change using coins and paper currency (2-3)
- Solve problems involving measurement and estimation of temperature, liquid volume, mass, and length (3)
- Solve problems to the nearest minute by calculating time intervals (3)
- Represent and interpret data using tally charts, tables, pictographs, line plots, and bar graphs (4)
- Solve problems involving measurement and conversions from a larger to a smaller unit (4)
- Translate information from one type of data display to another (4)
- Solve problems involving perimeters of polygons and area of a rectangle, distinguishing between linear and area measures (4)

Social Studies

- Geography
- History
- Civics and Government
- Economics

Science

- Inquiry and Design
- Life Science
- Physical Science
- Earth and Space Science

Art

- Demonstrates an understanding of art concepts, materials and techniques
- Recognizes elements and principles of design: uses knowledge of structure and function to convey ideas

Music

- Demonstrates and applies learned music skills
- Participates in activities appropriately

Health and Physical Education

- Demonstrates active engagement in physical activities
- Exhibits responsible personal and social behavior that respects self and others
- Recognizes and uses basic movement skills and concepts (PE)
- Understands and applies key concepts (Health)

Library

- Uses materials appropriately
- Locates information using appropriate sources and research strategies
- Utilizes appropriate technology skills
- Demonstrates appropriate listening skills during instruction