

Welcome Rock View Parents!!

Do not worry if you have built your castles in the air. They are where they should be. Now put the foundations under them. - Henry David Thoreau

Information on Curriculum 2.0 For Parents of Rising 5th Graders

Creative Thinking

Critical Thinking

URFICULE MCPS

Outcomes

- Heard an overview of Curriculum 2.0 and how Thinking and Academic Skills are integrated throughout the curriculum
- Heard about the differences between the 2001 Curriculum and Curriculum 2.0, including a Comparison Chart of Enrichment and Acceleration expectations between the two curricula
- Reviewed the Measurement Topics & Proficiency Statements for Math, Reading, Writing, Social Studies, and Science in Grade 5
- Heard the Grade 5 Roll-out plan for MCPS
- Discussed Standards Based Grading and Reporting and how it aligns with Curriculum 2.0.
- Discovered where additional resources can be located

Critical Thinking



Curriculum 2.0 Overview



MCPS Curriculum 2.0

Empowering Students • Connecting Content • Fostering Creativity

MCPS Curriculum 2.0 is built around developing students' critical and creative thinking skills, as well as essential academic success skills, so that students are well prepared for a lifetime of learning. We are upgrading the existing MCPS curriculum for the elementary grades in a way that will better engage students and teachers, and dedicate more learning time to subjects such as the arts, information literacy, science, social studies and physical education. By blending these subjects with the core content areas of reading, writing, and mathematics, students will receive robust, engaging instruction across all subjects in the early grades. In short, we are building a stronger foundation at the elementary level.

Dr. Starr's message on Curriculum 2.0 (PDF)



Creative Thinking

Critical Thinking



Curriculum 2.0 Overview

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What students should know and be able to do in Grade 5...



Creative Thinking

Critical Thinking

Thinking and Academic Success Skills

THINKING SKILLS

MCPS

<u>Creative Thinking Skills</u> Elaboration Flexibility Fluency Originality

Critical Thinking SKills

Analysis Evaluation Synthesis

ACADEMIC SUCCESS SKILLS

Collaboration Effort/Motivation/Persistence Intellectual Risk Taking Metacognition



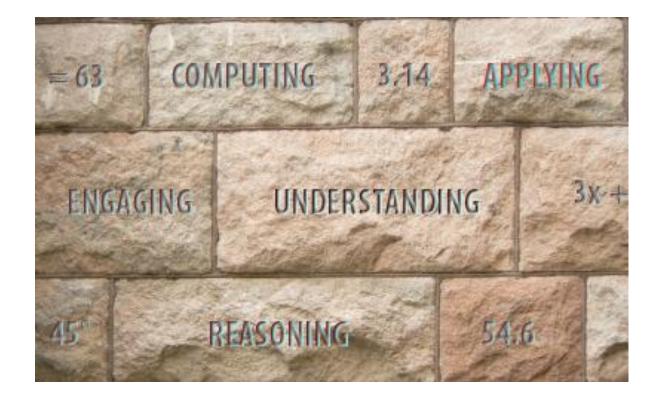
Critical Thinking





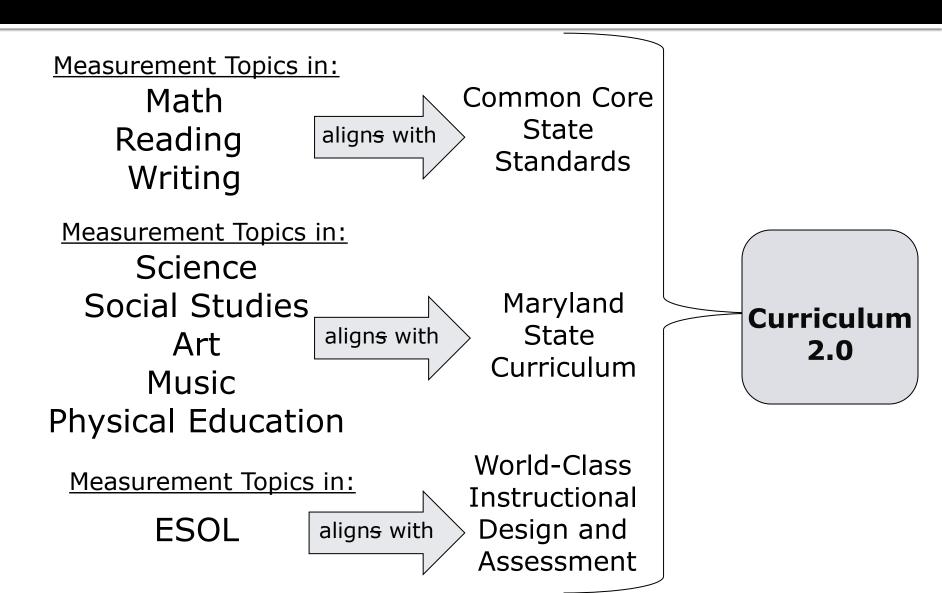


Curriculum 2.0

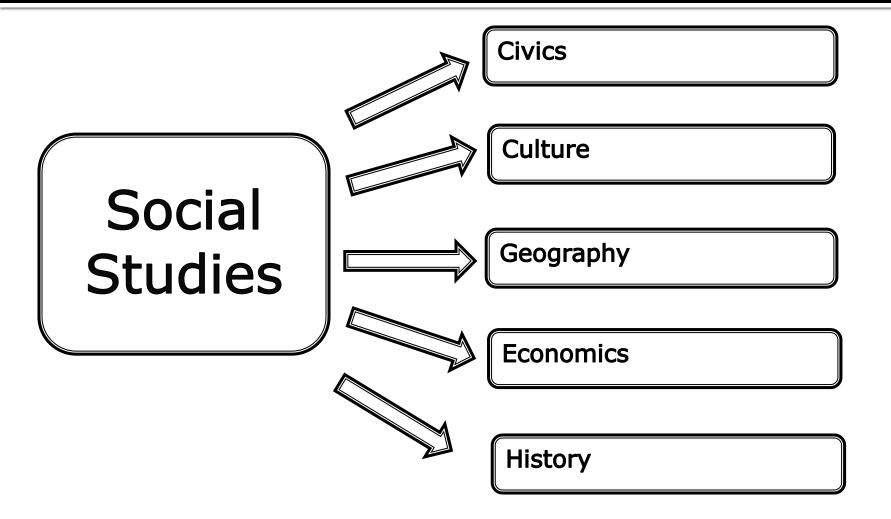


Building a Strong Foundation

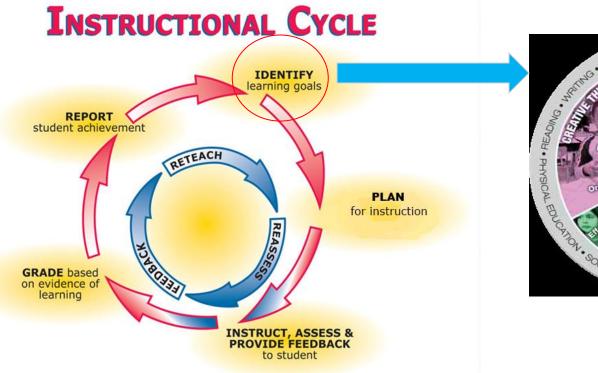
Curriculum 2.0 Organization



Measurement Topics



Identifying Learning Goals



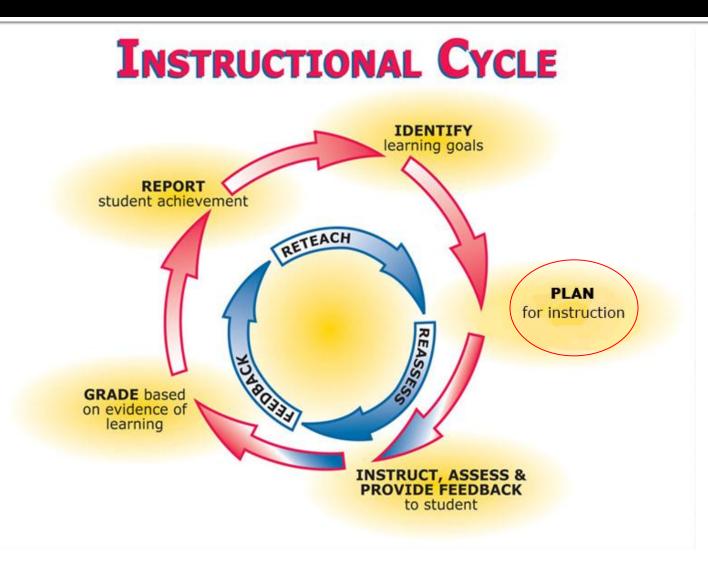


C2.0 CCSS vs 2001 MCPS Math

Grade 5 Multiplication and Division Indicators Comparison

	C2.0/CCSS Indicators – Grade 5	MCPS 2001 Indicators – Grade 5
Perform	operations with multi-digit whole numbers and with decimals to hundredths.	
1.5.C.2	Explain patterns in the number of zeros of the product when multiplying a number by powers of 10, and explain patterns in the placement of the decimal point when a decimal is multiplied or divided by a power of 10. Use whole-number exponents to denote powers of 10.	 6.5.5.1 compute with whole numbers. 6.5.5.4 multiply and divide decimals by whole numbers.
1.5.C.5 1.5.C.6 1.5.C.7	Fluently multiply multi-digit whole numbers using the standard algorithm. Find whole-number quotients of whole numbers with up to four-digit dividends and two-digit divisors, using strategies based on place value, the properties of operations, and/or the relationship between multiplication and division. Illustrate and explain the calculation by using equations, rectangular arrays, and/or area models. Add, subtract, multiply, and divide decimals to hundredths, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a	6.5.6.2 explain and apply number relationships using the mathematical properties of operations, including associative (addition and multiplication).
	written method and explain the reasoning used.	
Apply an	d extend previous understandings of multiplication and division to multiply and divide fractions.	8.5.2.1 identify prime and composite
1.5.D.3	Interpret a fraction as division of the numerator by the denominator $(\frac{a}{b} = a \div b)$. Solve word problems involving division of	6.5.3.1 identify prime and composite numbers less than 100
	whole numbers leading to answers in the form of fractions or mixed numbers, e.g., by using visual fraction models or	6.5.3.2 find the prime factorization of a
	equations to represent the problem. For example, interpret $\frac{3}{4}$ as the result of dividing 3 by 4, noting that $\frac{3}{4}$ multiplied by 4	composite number.
	equals 3, and that when 3 wholes are shared equally among 4 people each person has a share of size $\frac{3}{2}$. If 9 people want	6.5.3.3 find the greatest common factor and the least common multiple of
	to share a 50-pound sack of rice equally by weight, how many pounds of rice should each person get? Between what two whole numbers does your answer lie?	numbers. 6.5.3.4 use number theory concepts of
1.5.D.4	 Apply and extend previous understandings of multiplication to multiply a fraction or whole number by a fraction. Interpret the product (^a/_b) × q as a parts of a partition of q into b equal parts; equivalently, as the result of a sequence of 	primes, factors, multiples, and rules of divisibility to show number
	operations a × q ÷ b. For example, use a visual fraction model to show, $(\frac{2}{2}) \times 4 = \frac{9}{2}$ and create a story context for this equation.	relationships.
	Do the same with $\left(\frac{2}{3}\right) \times \left(\frac{4}{2}\right) = \frac{6}{15}$ (In general, $\left(\frac{a}{b}\right) \times \left(\frac{c}{d}\right) = \frac{ac}{bd}$)	
	 Find the area of a rectangle with fractional side lengths by tiling it with unit squares of the appropriate unit fraction side lengths, and show that the area is the same as would be found by multiplying the side lengths. Multiply fractional side lengths to find areas of rectangles, and represent fraction products as rectangular areas. 	
1.5.D.5	Interpret multiplication as scaling (resizing), by:	
	 Comparing the size of a product to the size of one factor on the basis of the size of the other factor, without performing the indicated multiplication. 	
	 Explaining why multiplying a given number by a fraction greater than 1 results in a product greater than the given number (recognizing multiplication by whole numbers greater than 1 as a familiar case); explaining why multiplying a given number by a fraction less than 1 results in a product smaller than the given number; and relating the principle of fraction equivalence 	
	$\frac{a}{b} = \frac{(n \times a)}{(n \times b)}$ to the effect of multiplying $\frac{a}{b}$ by 1.	
1.5.D.6	Solve real world problems involving multiplication of fractions and mixed numbers, e.g., by using visual fraction models or equations to represent the problem.	
1.5.D.7	Apply and extend previous understandings of division to divide unit fractions by whole numbers and whole numbers by unit fractions.	
	 Interpret division of a unit fraction by a non-zero whole number, and compute such quotients. For example, create a story context for, (¹/₂) ÷ 4 and use a visual fraction model to show the quotient. Use the relationship between multiplication and 	
	division to explain that $\left(\frac{1}{2}\right) \div 4 = \frac{1}{12}$ because $\left(\frac{1}{12}\right) \times 4 = \frac{1}{2}$.	
	 Interpret division of a whole number by a unit fraction, and compute such quotients. For example, create a story context for, 	
	4 + ($\frac{1}{5}$) and use a visual fraction model to show the quotient. Use the relationship between multiplication and division to explain	
	that $4 \div (\frac{1}{2}) = 20$ because $20 \times (\frac{1}{2}) = 4$.	
	 Solve real world problems involving division of unit fractions by non-zero whole numbers and division of whole numbers by unit fractions, e.g., by using visual fraction models and equations to represent the problem. For example, how much chocolate will 	
	each person get if 3 people share $\frac{1}{2}$ lb of chocolate equally? How many $\frac{1}{2}$ –cup servings are in 2 cups of raisins?	

Plan Instruction



Proficiency Statements

- Every Measurement Topic has a corresponding proficiency statement.
- A proficiency statement provides clarity on what students should know or be able to do by the end of the year within a Measurement Topic.

Reading

Foundational Skills

Students demonstrate proficiency of Grade 5 standards for this measurement topic by:

Applying grade-level appropriate phonics, word analysis skills, and fluency when reading.

Reading: Literature

Students demonstrate proficiency of Grade 5 standards for this measurement topic by:

- Using Key Ideas and Details to strategically read grade level literary texts with purpose and comprehension by quoting accurately from a text to explain and draw inferences, determining a theme, and comparing and contrasting story elements.
- Analyzing Craft and Structure by interpreting words and phrases, analyzing text structure, and describing how points of view influence text.
- Building Knowledge and Ideas by analyzing visual and multimedia elements of text and comparing and contrasting similar themes and topics within a genre
- Reading and comprehending a range of literary texts at the high end of the grades 4-5 text complexity band independently and proficiently.

Reading: Informational Text

Students demonstrate proficiency of Grade 5 standards for this measurement topic by:

- Using Key Ideas and Details to strategically read grade level informational texts with purpose and comprehension by quoting accurately from a text to explain and draw inferences, determining main idea, summarizing, and explaining relationships in text
- Analyzing Craft and Structure by interpreting words and phrases, comparing and contrasting text structure, and analyzing points of view
- Building Knowledge and Ideas to draw on information from multiple sources, explain author's use of
 reasons and evidence, and integrate information from multiple texts on the same topic.
- Reading and comprehending a range of informational texts at the high end of the grades 4-5 text
 complexity band independently and proficiently.

Language: Vocabulary

Students demonstrate proficiency of Grade 5 standards for this measurement topic by:

- Engaging in a variety of collaborative discussions to build on the ideas of others and express their own ideas clearly.
- Summarize portions of a text presented in multiple formats
- · Summarize a speaker's points and explain how reasons and evidence support claims
- Determining meaning of unknown and multiple meaning words and phrases in grade 5 content in order to comprehend more fully.
- Demonstrating understanding of word relationships and nuances with guidance and support.
- Acquiring and using grade-appropriate conversational, general academic and domain-specific vocabulary.

Writing

Writing: Opinion

Students demonstrate proficiency of Grade 5 standards for this measurement topic by composing, over shorter and extended time frames, opinion texts with evidence of:

- An introduction that elaborates on an opinion statement.
- An organizational structure in which logical ideas are grouped to support the opinion.
- Logically ordered reasons supported by researched facts and details.
- Linking opinion and reasons using words, phrases, and clauses (e.g., consequently, specifically).
- An influential concluding statement or section.

Writing: Informative/Explanatory

Students demonstrate proficiency of Grade 5 standards for this measurement topic by composing, over shorter and extended time frames, informative/explanatory texts with evidence of:

- An introduction to a topic.
- Writing organized using a text structure.
- Researched facts, definitions, concrete details, quotations, or other information and examples related to the topic.
- Linking ideas within and across categories of information using words and phrases (e.g., in contrast, especially).
- Precise language and domain-specific vocabulary
- A concluding statement or section related to the information or explanation presented.

Writing: Narrative

Students demonstrate proficiency of Grade 5 standards for this measurement topic by composing, over shorter and extended time frames, narrative texts with evidence of:

- A well-established situation that introduces a narrator and/or characters.
- An organized event sequence that unfolds naturally.
- Narrative techniques (e.g., dialogue, description, pacing) to develop experiences, events, or show the characters response to situations.
- A variety of transitional words, phrases, and clauses to sequence events.
- Concrete words, phrases, and sensory details to precisely communicate experiences.
- A concluding section related to the experiences and events.

Writing: Process, Production, and Research

Students demonstrate proficiency of Grade 5 standards for this measurement topic by composing, over shorter and extended time frames, writing with evidence of:

- Clear and coherent writing.
- Developing and organizing writing appropriate to task, purpose and audience.
- Planning, revising, editing, rewriting, or trying a new approach based on feedback from adults and peers.
- Producing and publishing writing using technology to facilitate interaction and collaboration with others.
- Summarizing or paraphrasing notes and citing sources.
- Recalling information from experiences or gathering and evaluating relevant information from print and digital literary or informational texts.

Writing: Use of Language

Students demonstrate proficiency of Grade 5 standards for this measurement topic by:

- Creating multimedia components and visual displays to sequence ideas logically, and use facts and details to develop and enhance main ideas or themes.
- Demonstrating command of grade-level grammar, usage, spelling, capitalization, and punctuation.
- Adapting speech to a variety of tasks, contexts, or situations.
- Using formal English and knowledge of language conventions when writing, speaking, or reading.



Social Studies Civics	
 Students demonstrate proficiency of Grade 5 standards for this measurement topic by: demonstrating and applying knowledge of the historical development and current status of the fundamental concepts and processes of authority, power, and influence in the United States and Maryland today and during the American Revolution and early constitutional period. 	rad
 Culture Students demonstrate proficiency of Grade 5 standards for this measurement topic by: demonstrating and applying knowledge of the diversity, commonality, and interdependence of people in the United States today and during the time of the development of the United States Constitution through the lens of conflict and compromise. 	e 5 6
 Geography Students demonstrate proficiency of Grade 5 standards for this measurement topic by: using geographic concepts and processes to examine the role of culture, technology, and the environment in the location and distribution of human activities in the United States today and during the territorial expansion of the United States including the impact of changes in transportation. 	
 Economics Students demonstrate proficiency of Grade 5 standards for this measurement topic by: using economic reasoning to understand the historical development and current status of economic principles, institutions, and processes needed to be effective citizens, consumers, and workers today and during the American Revolutionary Period. 	
History Students demonstrate proficiency of Grade 5 standards for this measurement topic by:	

using historical thinking skills to identify, examine, describe, and compare how individuals and societies changed during the early constitutional period and the time of territorial expansion of the United States. ٠

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Science The second state of the second				
Proficiency statements clarify what students should know and be able to do by the end of the year. They are used				
n combination with standards and indicators to analyze student understanding of grade level concepts. In science & engineering, proficiency involves using the four strands of science learning.	,			
ife Sciences				
Students demonstrate proficiency of Grade 5 standards for this measurement topic by:	1			
 Understanding Explanations- Explaining relationships among the forms and functions of plant and animal cells, as well as the relationship between traits and heredity. Appling these concepts to real-world situations. 				
 Generating Evidence- Planning and conducting research through observation, investigation, field study, or reading about the forms and functions of plant and animal cells, as well as traits and heredity. 				
 Reflecting on Knowledge- Using and interpreting scientific and technological knowledge to analyze and revise generalizations about the forms and functions of plant and animal cells, as well as generalizations about traits and heredity. 		n	G	
 Participating Productively- Assessing and presenting solutions to practical or real-world situations using scientific and technological knowledge about the forms and functions of plant and animal cells, as well as traits and heredity. 		\mathbf{O}		
Earth and Space Sciences	-			
Students demonstrate proficiency of Grade 5 standards for this measurement topic by:				
 Understanding Explanations- Explaining relationships among the movement, location, and position of objects in the universe. Explaining the observable effects of Earth's rotation and revolution. Applying these concepts to real-world situations. 		ğ	de	
 Generating Evidence- Planning and conducting research through observation, investigation, field study, or reading about the movement, location, and position of objects in the universe, as well as the 		×		
observable effects of Earth's rotation and revolution.				
 Reflecting on Knowledge- Using and interpreting scientific and technological knowledge to analyze and revise generalizations about the movement, location, and position of objects in the universe, as well as the observable effects of Earth's rotation and revolution. 				
 Participating Productive/y- Assessing and presenting solutions to practical or real-world situations using scientific as well as technological knowledge about the movement, location, and position of objects in the 			S	
universe, as well as the observable effects of Earth's rotation and revolution.				
Physical Sciences				
Students demonstrate proficiency of Grade 5 standards for this measurement topic by:				
 Understanding Explanations- Explaining relationships among measurable changes in motion, forces that affect motion, forms and conversion of energy, electricity, and magnetism. Applying these concepts to real-world situations. 				
 Generating Evidence- Planning and conducting research through observation, investigation, field study, or reading about measurable changes in motion, forces that affect motion, forms and conversion of 		g	5	
energy, electricity, and magnetism.				
 Reflecting on Knowledge- Using and interpreting scientific and technological knowledge to analyze and revise generalizations about measurable changes in motion, forces that affect motion, forms and conversion of energy, electricity, and magnetism. 				
 Participating Productively- Assessing and presenting solutions to practical or real-world situations using scientific and technological knowledge about measurable changes in motion, forces that affect motion, 	1			
forms and conversion of energy, electricity, and magnetism.				
Engineering and Technology				
Students demonstrate proficiency of Grade 5 standards for this measurement topic by:				
 Understanding Explanations- Explaining relationships among technology, humans, and the natural world. Understanding the engineering design process and its application to real-world situations. 				
 Generating Evidence- Deciding what evidence is needed to investigate a scientific question or address a technological problem. Applying the engineering design process to address a technological problem. 	1			
 Reflecting on Knowledge- Using and interpreting scientific and technological knowledge to revise 				
 thinking based on new evidence or ideas about products or systems. Participating Productively- Representing information and ideas clearly and convincingly based on scientific evidence and technological concepts or designs. 				

Grade 5 Proficiency Statements

Proficiency statements clarify what students should know and be able to do by the end of the year. They are used in combination with standards and indicators to analyze student understanding of grade level concepts.

Mathematics

Operations and Algebraic Thinking

Students demonstrate proficiency of Grade 5 standards for this measurement topic by:

- Understanding: Understanding numerical expressions using parentheses, brackets, or braces.
- Computing: Graphing ordered pairs on a coordinate plane. Evaluating numerical expressions.
- Applying: Applying understanding of operations and mathematical notation to interpret numerical expressions.
- Reasoning: Analyzing relationships between terms in numerical patterns.
- Engaging: Seeing mathematics as sensible, useful, and doable-if you work at it-and being willing to do the work.

Number and Operations in Base Ten

Students demonstrate proficiency of Grade 5 standards for this measurement topic by:

- Understanding: Understanding patterns in the structure of the place value system.
- Computing: Fluently multiplying multi-digit whole numbers.
- Applying: Using place value understanding to round decimals (to thousandths) to any place. Applying strategies
 based on place value and properties of operations to find quotients of whole numbers and perform operations with
 decimals to hundredths.
- Reasoning: Explaining patterns in the number of zeros of the product when multiplying a number by powers of 10.
- Engaging: Seeing mathematics as sensible, useful, and doable-if you work at it-and being willing to do the work.

Number and Operations—Fractions

Students demonstrate proficiency of Grade 5 standards for this measurement topic by:

- Understanding: Interpreting a fraction as division of the numerator by the denominator. Interpreting multiplication as scaling (resizing).
- Computing: Adding and subtracting fractions.
- Applying: Applying understandings of multiplication and division with whole numbers to multiply and divide fractions. Applying understandings of equivalent fractions to add and subtract fractions. Applying understandings of operations and visual fraction models to represent and solve word problems involving fractions.
- Reasoning: Reasoning about the size of a product in relation to the size of its factors. Reasoning about fractions as
 numbers when estimating answers or solving problems. Using benchmark fractions to estimate and assess
 reasonableness of answers.
- Engaging: Seeing mathematics as sensible, useful, and doable-if you work at it-and being willing to do the work.

Measurement and Data

Students demonstrate proficiency of Grade 5 standards for this measurement topic by:

- Understanding: Understanding volume as 3-dimensional measure. Understanding the relationships among linear, area, and volume measurements of a solid figure.
- Computing: Finding the volume of right rectangular prisms.
- Applying: Converting among different-sized measurement units within a given system.
- Reasoning: Extending understandings about addition, multiplication, division to solve problems involving volume.
- · Engaging: Seeing mathematics as sensible, useful, and doable-if you work at it-and being willing to do the work.

Geometry

Students demonstrate proficiency of Grade 5 standards for this measurement topic by:

- Understanding: Understanding the order and distance relationships of ordered pairs on the coordinate plane.
- Computing: Graphing points in the first quadrant of the coordinate plane.
- Applying: Classifying two-dimensional figures in a hierarchy based on their properties.
- Reasoning: Explaining and justifying categories and subcategories of two-dimensional figures. Extending
 understanding about graphs on the coordinate plane to solve problems.
- Engaging: Seeing mathematics as sensible, useful, and doable-if you work at it-and being willing to do the work.

Key Messages – Mathematics Curriculum 2.0/CCSS

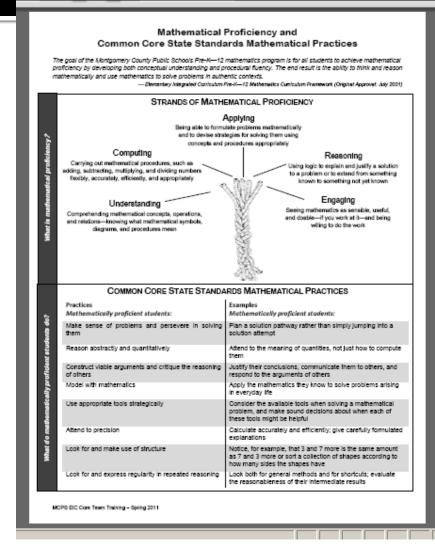


- Develop students who love math and see it as sensible and useful to solving problems and making sense of the world.
- Maryland is adopting internationally-driven standards to raise the level of rigor. These standards will be implemented with Curriculum 2.0
- The CCSS recommend that elementary schools focus on building a strong foundation in number concepts – that will help students be more successful in advanced math courses in middle school and high school.

Understanding Going Deeper: UCARE

All students will reach proficiency in math –

> Understanding, Computing, Applying, Reasoning, and Engaging



Enrichment/Acceleration Approach

Enrichment

Enrichment tasks may further engage students in content from that week of instruction

Enrichment tasks may challenge students to apply previously-taught content and skills in a novel way Enrichment tasks may provide opportunities to further challenge students to apply The Mathematical Practices with content that does not directly align with specific grade-level indicators

After students have successfully completed enrichment opportunities for a week, there may be suggestions for acceleration to the next logical topic in the learning progression, often in the next week of instruction.

Acceleration

Math in 2013 - 2014

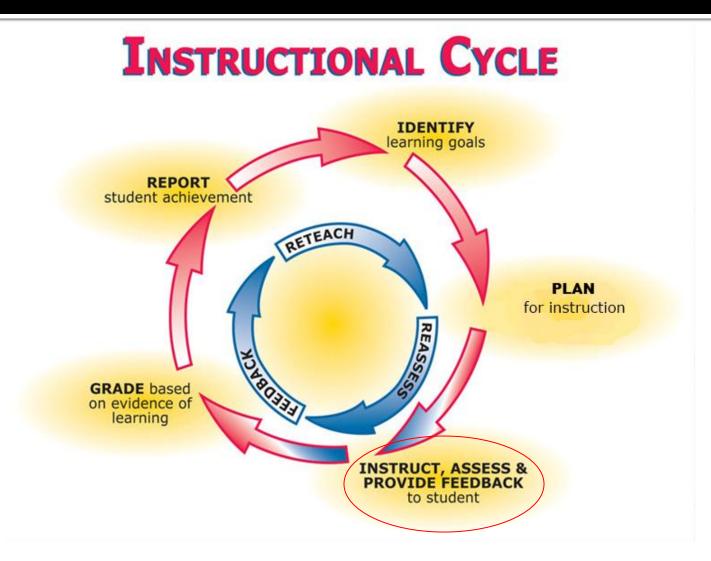
ROLL-OUT PLAN

	2012- 2013	2014– 2015	2016- 2017
C2.0 Kindergarten-Math 3			
C2.0 Math 4			
C2.0 Math 5			
C2.0 Math 6			
C2.0 Math 7 & C2.0 I.M.			
C2.0 Math 8			
C2.0 Algebra 1			
C2.0 Geometry			
C2.0 Algebra 2			
C2.0 Pre-Calculus			

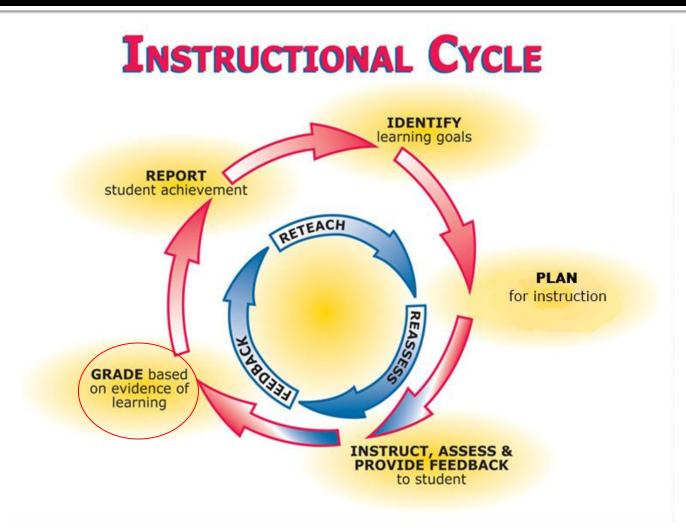
- Understanding—comprehending concepts, operations, and relations
- Computing—carrying out procedures
- Applying—formulating and solving mathematical problems
- Reasoning—using logic to explain a solution or justify why the mathematics works
- Engaging—seeing math as useful, sensible, and doable

Shading identifies years of implementation.

Instruct, Assess, and Provide Feedback



Grading Student Understanding



Why are we implementing standardsbased grading and reporting?

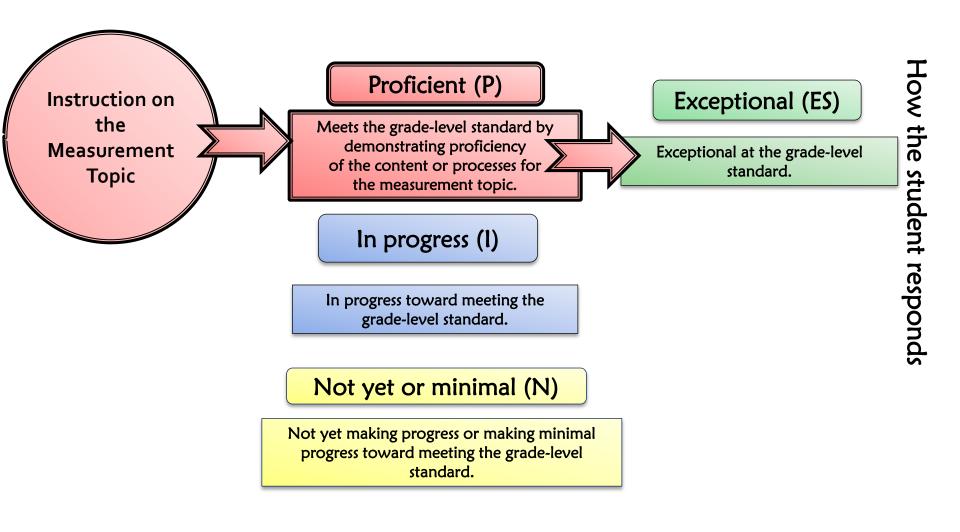
- Standards-based teaching and learning:
 - links instruction and grading to standards



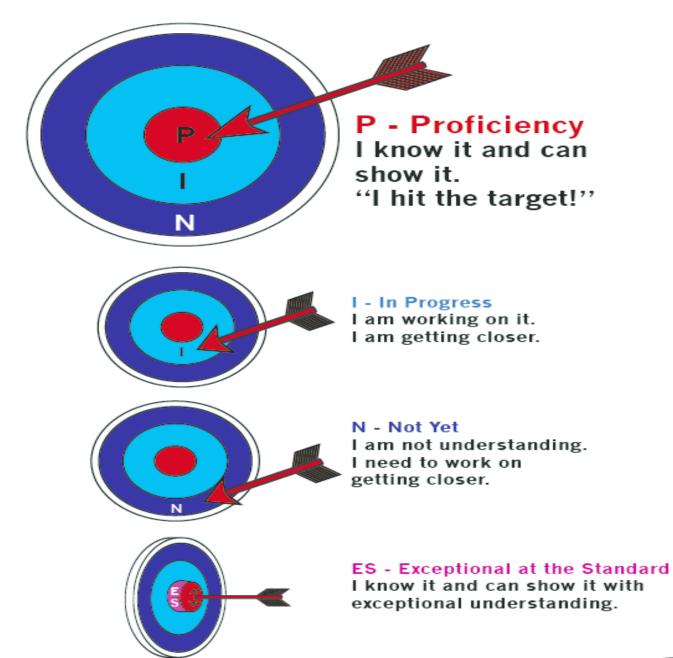
- provides an accurate reflection of what students know and are able to do
- increases student achievement

Levels of Performance

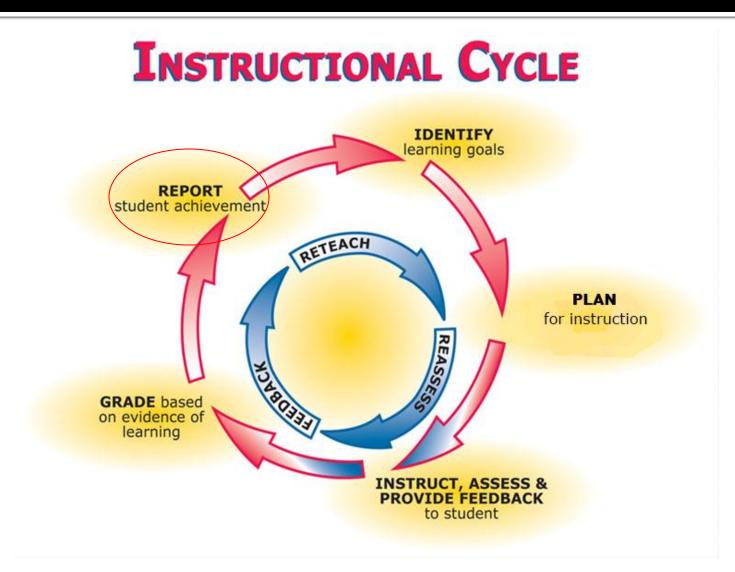
Instruction begins at the grade-level standard. How the student performs at the grade-level standard determines level of proficiency.



Aim For Proficiency



Reporting Student Achievement



Standards-based Report Card

Montgomery County Public Schools

Grade 1 Progress Report Card 2012-2013

Mathematics	MP1	MP2	MP3	MP4
Geometry				
Measurement and Data				
Number and Operations in Base				
Ten				
Number and Operations-Fractions				
Operations and Algebraic Thinking				
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{Enrichment/acceleration statement will appear here.}

Science	MP1	MP2	MP3	MP4
Earth Space Sciences				
Life Sciences				
Physical Sciences				

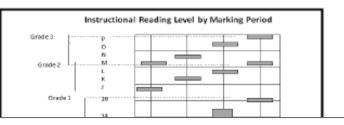
	- \					
Subject		Social Studies	MP1	MP2	MP3	MP4
Subject		Civics				
	~	Culture				
	30	Economics				
, 10	Pie	Geography				
Measurement It		History				
omen						
sure						
- Nease		Reading	MP1	MP2	MP3	MP4
Ne		Foundational Skills				
		Language: Vocabulary				

Reading	MP1	MP2	MP3	MP4
Foundational Skills				
Language: Vocabulary				
Reading: Informational Text				
Reading: Literature				

Student Name: Student ID: Birth Date: School: Teacher:

Attendance	MP1	MP2	MP3	MP4
Days Absent				
Times Tardy				

Learning Skills								
Work Habits	MP1	MP2	MP3	MP4				
Rules and Procedures								
Task Completion								
Thinking and Academic Success Skills	MP1	MP2	MP3	MP4				
Analysis								
Collaboration								
Effort/Motivation/Persistence								
Fluency								
Intellectual Risk Taking								
Metacognition								
Originality								
Synthesis								



Standards-Based Report Card Social Studies Example

Social Studies	MP1	MP2	MP3	MP4
Civics	Р			
Culture		ES		
Economics				Р
Geography			Р	
History		Р		

Reading Chart and Reporting of Instructional Reading Level

Reading	MP1	MP2	MP3	MP4
Instructional Reading Level				

Reading Targets – Text Level Chart: Grades 2-5				
Grade	MP1	MP2	MP3	MP4
Level				
2	J	К	L	М
3	М	N	0	Р
4	Q-R		S-T	
5	T-U		V	-Z

Math Enrichment/Acceleration

Mathematics	MP1	MP2	MP3	MP4
Geometry				
Measurement and Data				
Number and Operations in Base Ten				
Number and Operations—Fractions				
Operations and Algebraic Thinking				

Your child was consistently instructed on the content and processes of the grade level.

OR

□ Your child was consistently instructed on the content and processes of the grade level with enrichment/acceleration.

Learning Skills

Kindergarten Personal and Social Development	Grades 1 – 5 Work Habits	Kindergarten – Grade 5 Thinking and Academic Success Skills
 Follows classroom rules and routines Interacts easily with peers Shows initiative and self-direction Uses classroom materials appropriately 	 Follows rules and routines Completes tasks 	 Analysis Collaboration Effort/Motivation/Persistence Elaboration Evaluation Flexibility Fluency Intellectual Risk Taking Metacognition Originality Synthesis

Learning Skills: Codes

Code	Description
DEM	Demonstrating
PRG	Progressing
N	Not yet evident



Next Year in Grade 5

Curriculum 2.0 Implementation

Continued differentiation in Small Groups within the Classroom

New Standards-based Report Card

Math 6 will be available for those students who completed Math 5

Creative Thinking

Critical Thinking





We need to prepare students for their future, not our past.

-lan Jukes

Creative Thinking

Critical Thinking



Curriculum 2.0 Resources for Parents

- MCPS Curriculum 2.0 Webpage Resources
 - Videos
 - Parent Guides
 - FAQs
 - Curriculum Framework
- Parent Academies
- Mathematics Power Point



MCPS Curriculum 2.0

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• Rock View Website with Links to Resources

Creative Thinking

Critical Thinking