

Common Core Math

COLLEGE AND CAREER READY

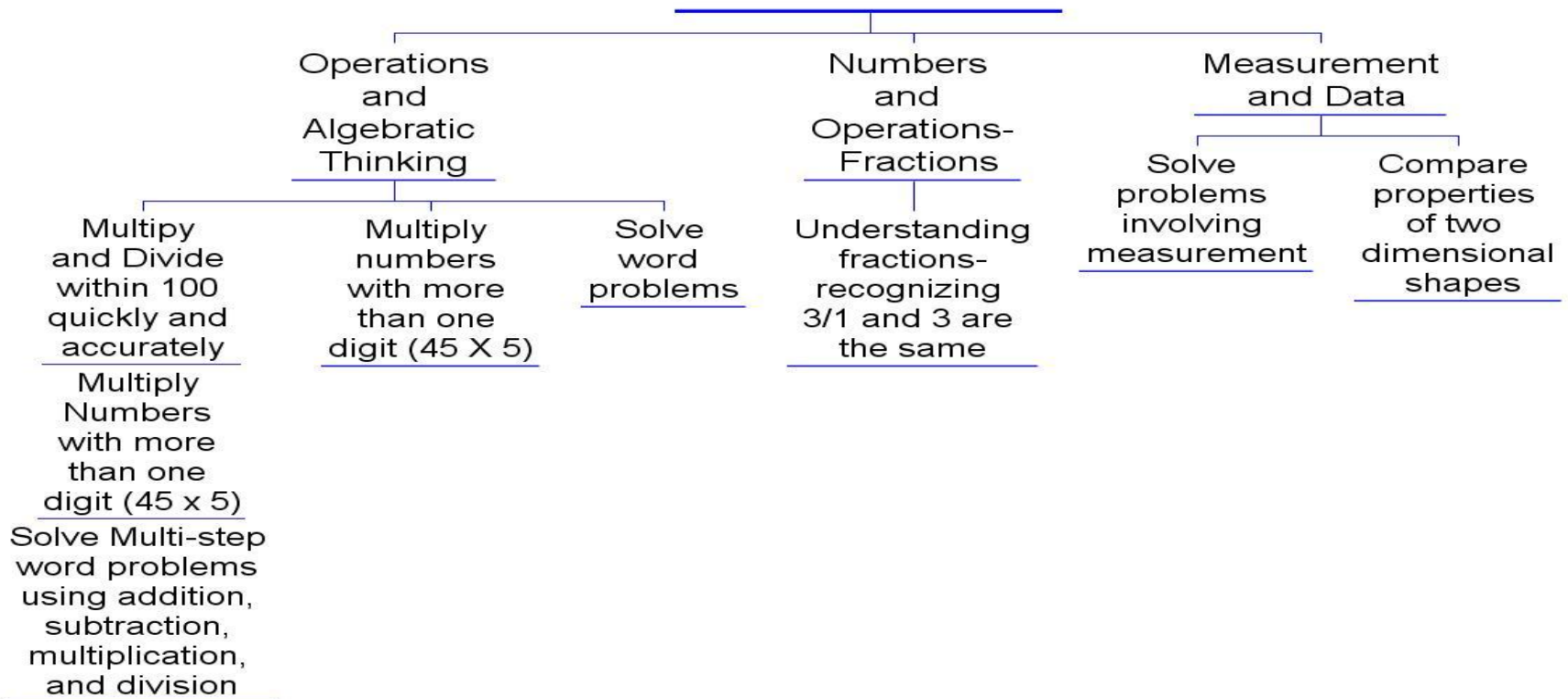
GOAL: TO PREPARE STUDENTS FOR
COLLEGE AND THE WORKFORCE

- UNIVERSAL STANDARDS
 - SHARED GOALS
- COHERENT PROGRESSION OF LEARNING

Common Core Grade 3

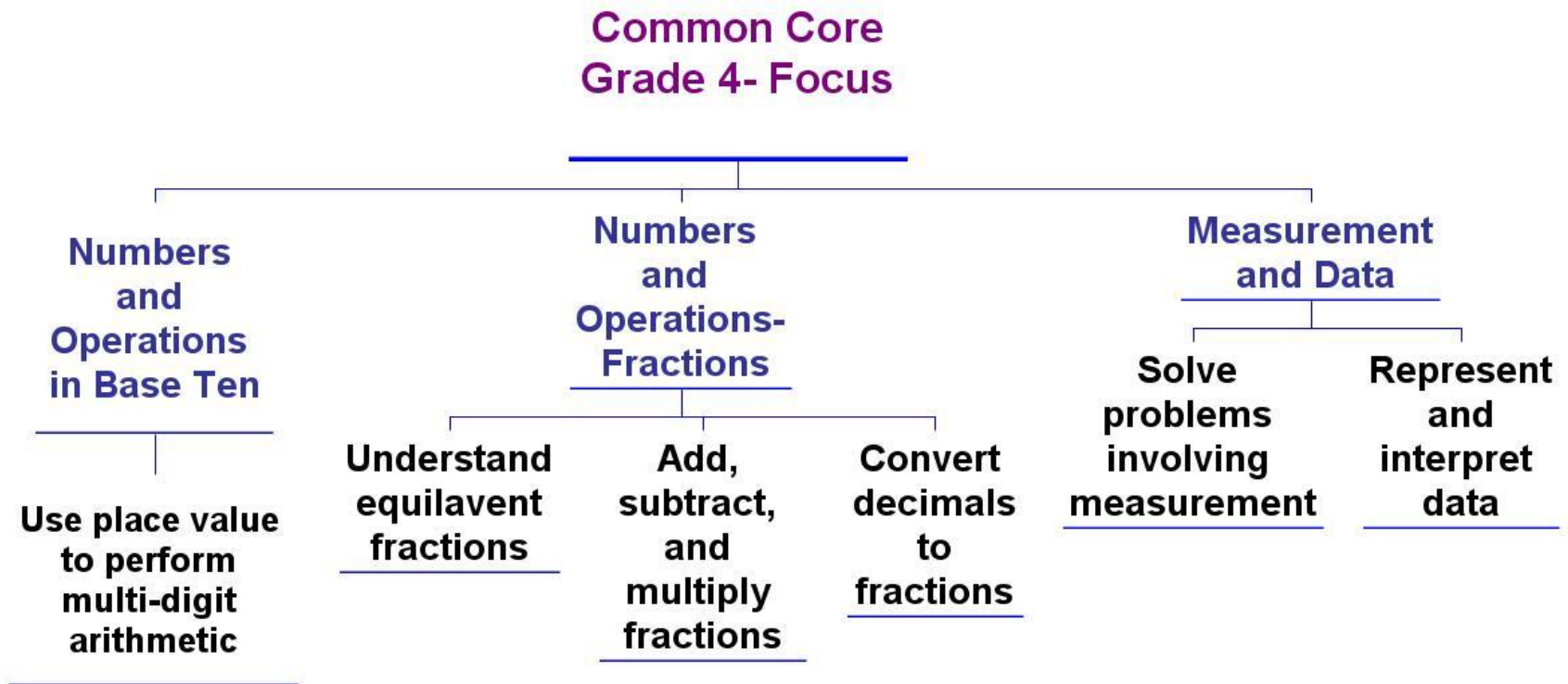
Shift 1- Focus

Common Core Grade 3- Focus



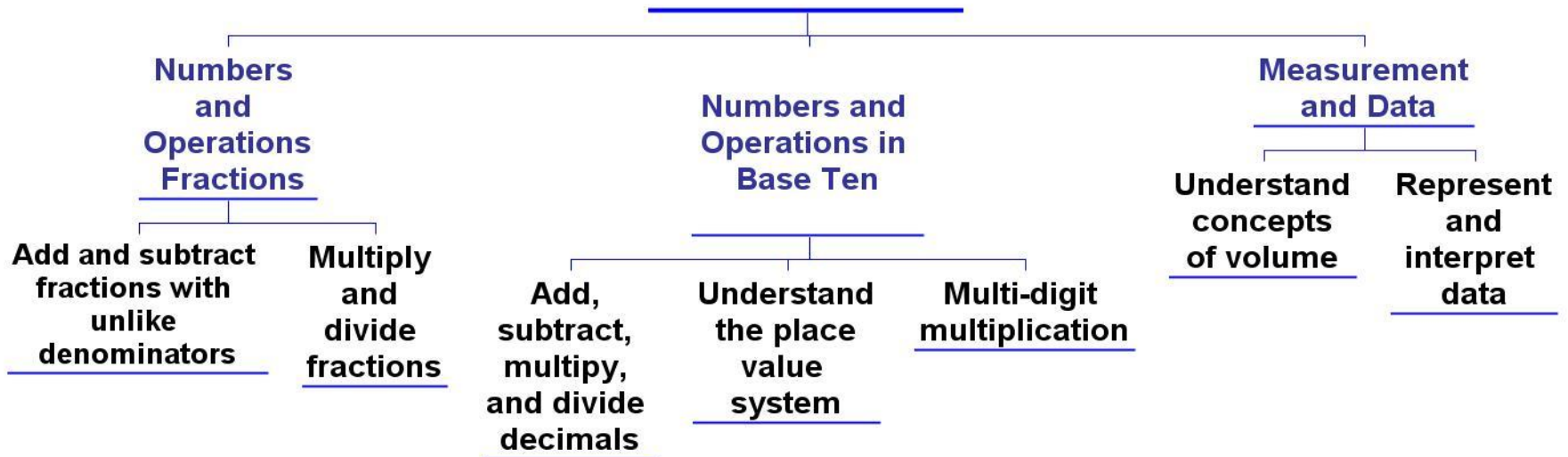
Common Core Grade 4

Shift 1- Focus



Common Core Grade 5 Shift 1- Focus

Common Core Grade 5- Focus



	Book Number	Number of Questions	Estimated Time on Task	Allotted Time
Grade 3 Wednesday, April 24, 2013	Day1 Book 1 Multiple Choice	30	50 Minutes	70 Minutes
Thursday, April 25, 2013	Day 2 Book 2 Multiple Choice	31	50 Minutes	70 Minutes
Friday, April 26, 2013	Day 3 Book3 Short/Extended Responses	8	50 Minutes	70 Minutes
Grade 4/Grade 5 Wednesday, April 24, 2013	Day 1 Book 1 Multiple Choice	30	50 Minutes	70 Minutes
Thursday, April 25, 2013	Day 2 Book 2 Multiple Choice	32	50 Minutes	70 Minutes
Friday, April 26, 2013	Day 3 Book 3 Short/Extended Responses	10	70 Minutes	90 Minutes

Grade 3 Multiple Choice

NYS Vs. Common Core Standards

Operations and Algebraic Thinking

There are 27 students in Ms. Austin's class. She groups her class into 3 teams that have an equal number of students. How many students are on **each team**?

- A) 6
- B) 7
- C) 8
- D) 9

Two groups of students from Douglas Elementary School were walking to the library when it began to rain. The 7 students in Mr. Stem's group shared the 3 large umbrellas they had with Ms. Thorn's group of 11 students. If the same number of students were under each umbrella, how many students were under each umbrella?

You may use the space below to draw a picture of the problem.

- A) 6
- B) 10
- C) 18
- D) 21

Grade 4 Short Response

NYS Vs. Common Core Standards

Operations and Algebraic Thinking

Ashley writes the equation below
 $(60 \times 3) \times 4 = 60 \times (? \times 4)$

What number should be written on the line to make the equation true?

Answer: _____

On the lines below, explain why your number makes the equation true.

Candy wants to buy herself a new bicycle that costs \$240. Candy has already saved \$32, but she needs to make a plan so she can save the rest of the money she needs. She decides to save the same amount of money, x dollars, each month for the next four months.

Part A: Write an equation that helps Candy determine the amount of money she must save each month.

Equation _____

Part B: Solve the equation to find the amount of money she must save each month to meet her goal of buying a bicycle.

Show your work.

Grade 5- Multiple Choice
Common Core Standards
Operations and Algebraic Thinking

What is the value of this expression?

$$2 + 2^3 \times (12-8) \div 2 + 6$$

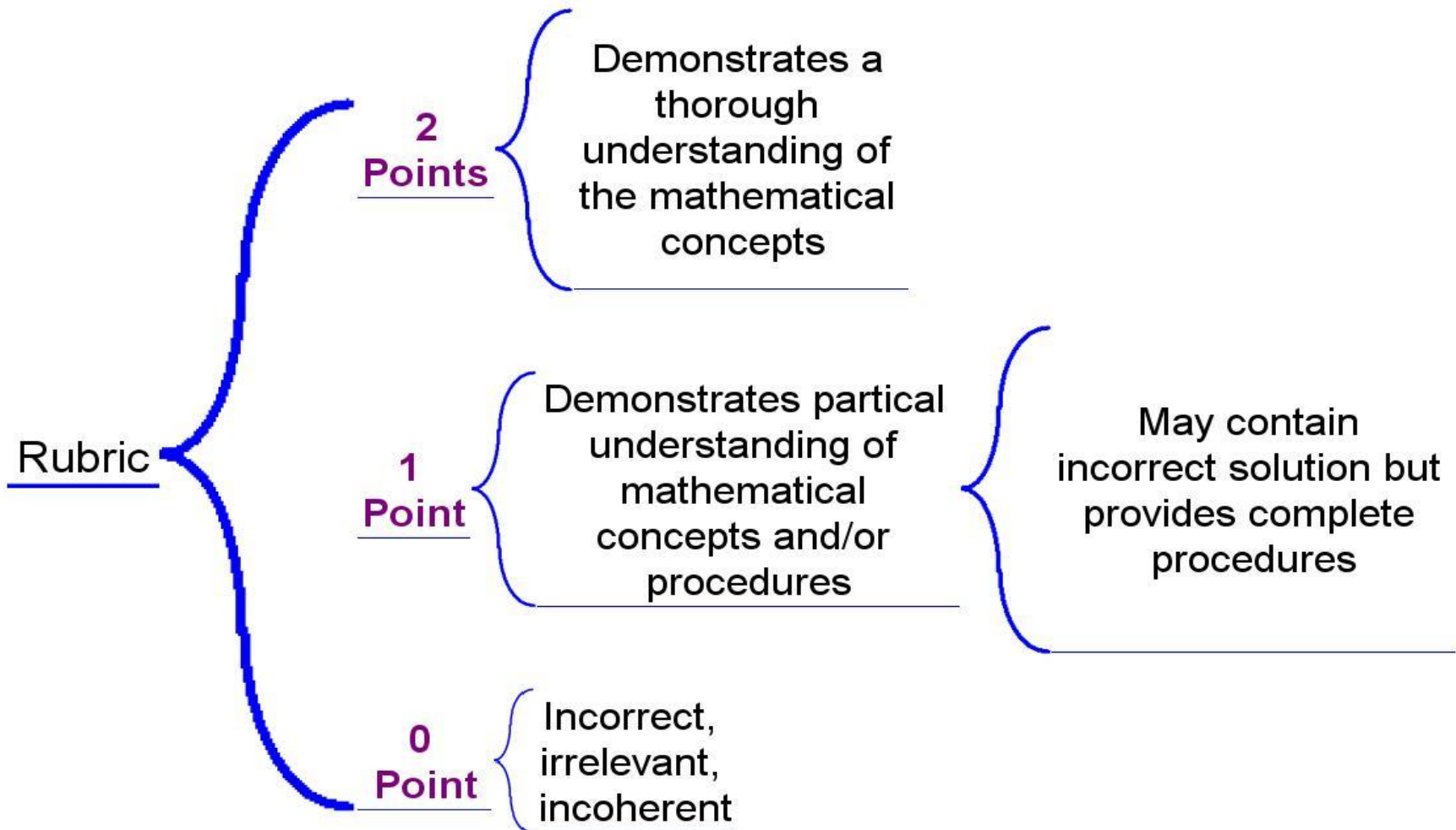
A)56

B)34

C)24

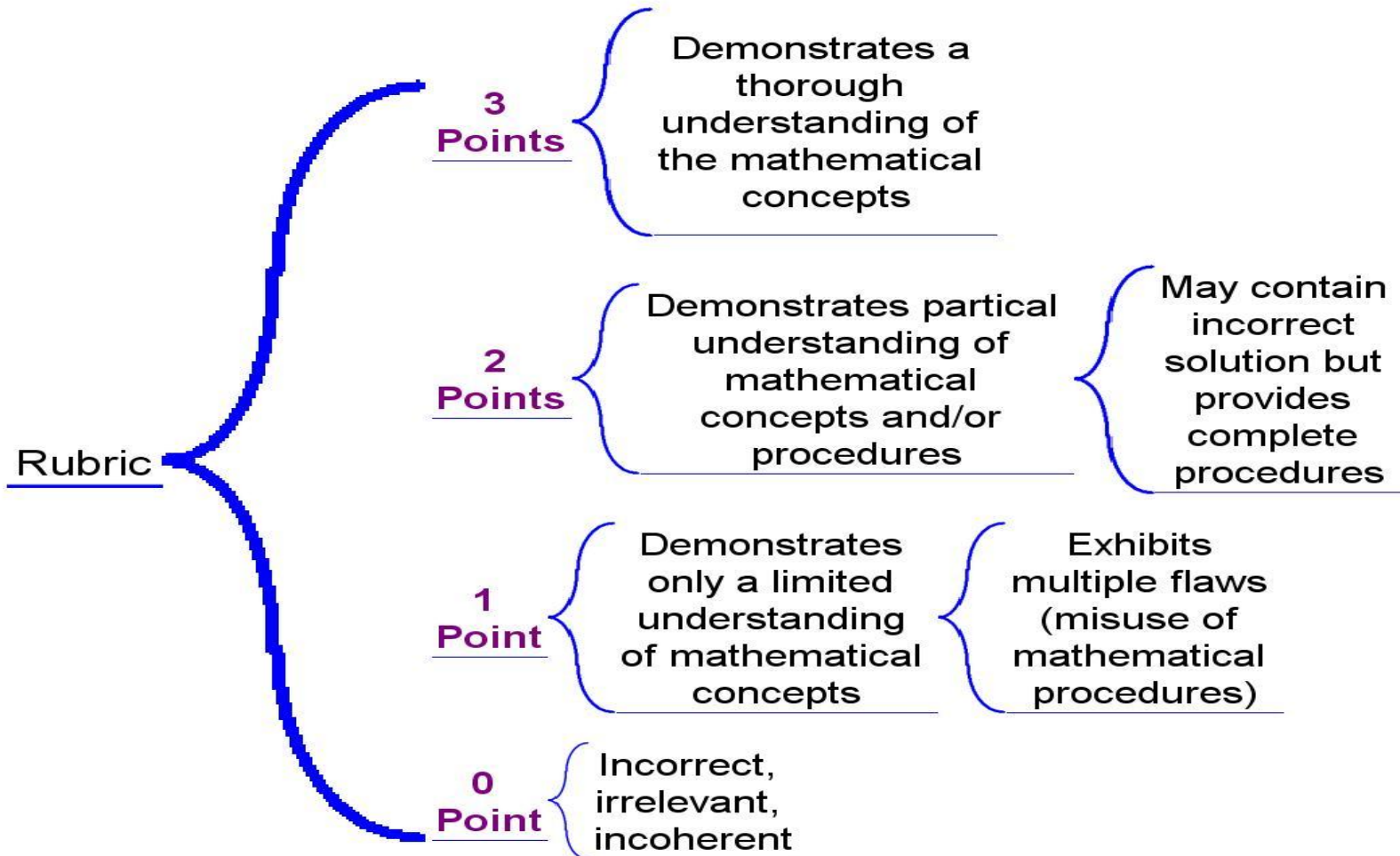
D)26

Short Response 2 Point Rubric

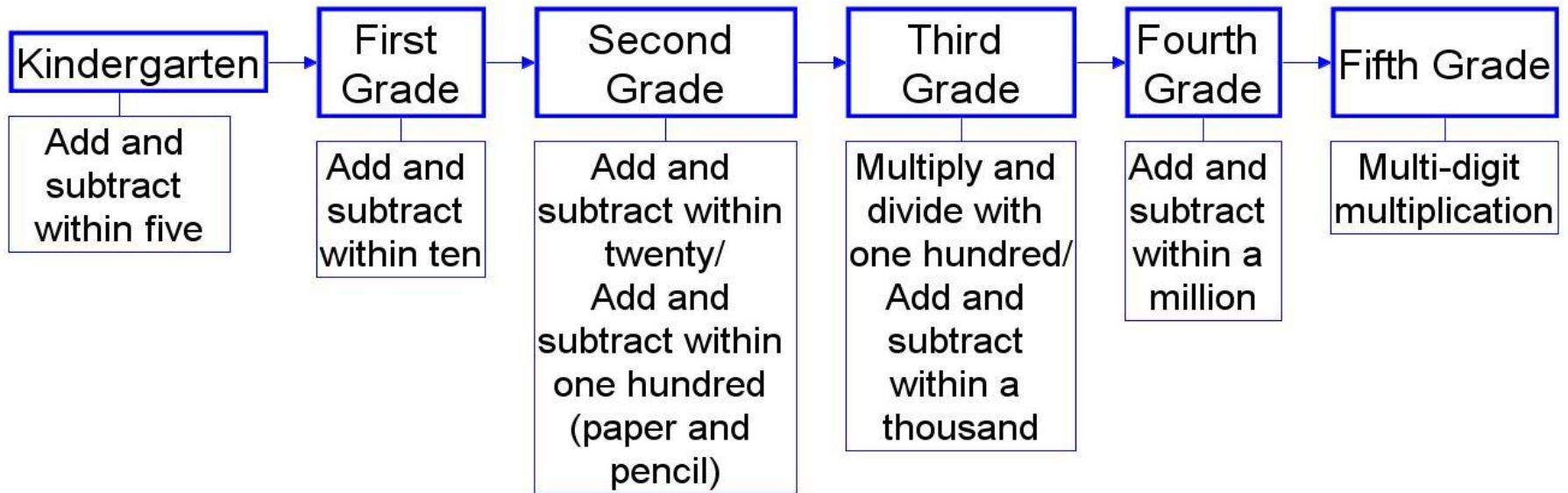


Extended Response

3 Point Rubric



Common Core Math Fluency





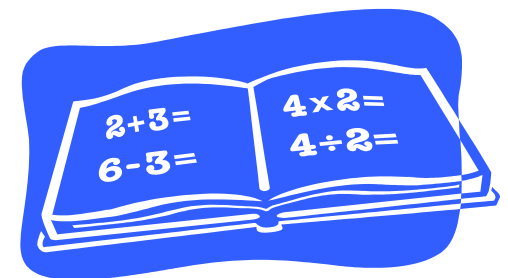
How Can Parents Help?

- Encourage your child to know/memorize basic math facts
 - Flash cards, websites, games and study time
- Know all the fluencies your child should have and prioritize the ones that don't
- Know what the priority work for your child's grade level is
- Be aware of child's strengths and weaknesses
- Visit the Washington Rose website www.rooseveltufsd.org

Parents Can....

Ask your child to **DO** the math that comes up in your daily life. Look for “word problems” in real life.

- Cooking (recipes)- measurement, fractions
- Balancing check book- decimals, money
- Gardening- Length, width, and depth
- Party Planning- adding, subtraction, multiplication, division
- Calendar- how many days are in four weeks
- Sports- measurement (yards, meters)
- Grocery shopping
- Calculate gratuities



Helpful Websites

Parents

- www.engageny.org
- <http://www.pta.org>
- <http://mathcommoncoreresources.wikispaces.com/iPad+Math+Apps>

Students

- www.multiplication.com
- www.Aplusmath.com
- www.mathwire.com
- www.thinkcentral.com
- www.mathblaster.com
- www.Coolmath.com
- [Http://fun4thebrain.com](http://fun4thebrain.com)
- [Http://nces.ed.gov/nces/kids](http://nces.ed.gov/nces/kids)