

Mathematics
Level 2 Support: 6th Grade
 06-07

A Week at a Glance

To focus the design of this course, we asked the question, “As a core math teacher, if you must choose ONE concept each week on which your students would have extra practice, what would that concept be?”

A Week at a Glance	
Monday – Thursday	Friday
Opening activity (Such as a Warm-up)	1. Quiz 2. Extension/ enrichment
Support Core Class Key Concept (minimum to cover)	
Homework support	

Notes:

1. Support teachers will “shadow” the content of the core classes. They will use interactive, hands on activities to pre-teach/review the key core material that the students are learning in their core classes. The math support supplementary material created by Steve Ellis, Cindy Feeney, and Cara Littlefield should be used as well as the Connected Math series.
2. Level II teachers can differentiate by going more in depth with the investigations in the Connected Math series.
3. Support teachers and Core Math Teachers should meet regularly to:
 - a. Coordinate curriculum
 - b. Review individual student progress
4. The opening activity may consist of traditional warm-ups, vocabulary or a math quick write. Use Ace Questions in the Connected Math series for warm ups.
5. For vocabulary practice, use the “Key Terms” at the start of each chapter.
6. Quick Write could include such activities as Frayer’s Model or Concept Circle.
7. Homework support can consist of modeling correct solving of student choice of a homework problem on board; review Core Class notes; small-group work.
8. Source of Weekly Quiz: choose from Opening Activities and Warm-Ups

Key Question:

As a core math teacher, if you must choose ONE concept each week on which your students would have extra practice, what would that concept be?

Trimester 1

Week	Concepts	Difficult Concept (minimum to cover)	Text Reference	Notes
1	Classroom management	Basic Facts, Whole Number Calculations and assessments	n/a	
2	Same as week 1			
3	Integers	Placement on number line	11.1	
4	Decimals	Place Value	3.1,3.2	
5	Decimals	Mean, Median, Mode	12.3	
6	Fractions	Mixed and Improper Fractions	6.3	
7	Factors	Methods to find all factors	5.4	use rectangles, tables, multiplication chart,
8	Factors	Prime Factorization	5.4	Teach inverted short division or hockey stick method pg160
9	Fractions	Use prime factorization to simplify	6.2	hockey stick
10	Fractions	GCF and LCM		for working with fractions
11	Fractions	Adding, Subtracting Unlike Denominators	7.1	Simple denominators USE MANIPULATIVES
12	Fractions	Adding, Subtracting Unlike Denominators	7.1	Regrouping or Trading

Trimester 2

Week	Concepts	Difficult Concept (minimum to cover)	Text Reference	Notes
1	Fractions	Mixed Number Adding and Subtracting	7.2	
2	Fractions	Mixed Number Adding and Subtracting	7.2	
3	Fractions	Multiplying and Dividing	7.3,7.4	use drawings

		proper fractions		
4	Fractions	Multiplying and Dividing Mixed Numbers	7.5	
5	Algebraic Expressions	Vocabulary and order of operations	1.1, 2.1	
6	Integers	Subtracting negatives	11.3	
7	Geometry	Vocabulary		Angles, Polygons, Circle
8	Geometry	Area of rectangles	10.1	Decimal operations
9	Geometry	Area of circles	10.3	
10	Geometry	Volume	10.6,10.7	V= area of base x height distinguish between b = base of triangle B= Area of base
11	Geometry	More of Volume		
12	Rate	Per Unit Form (Unit Rate)	7.6	

Trimester 3

Week	Concepts	Difficult Concept (minimum to cover)	Text Reference	Notes
1	Proportional reasoning and percent	Proportions (6 week curriculum)	See Level1 support curriculum	
2	see week 1			
3	see week 1			
4	see week 1			
5	see week 1			
6	See week 1			
7	Special Projects week 7-12	Review Concepts and Collaborate with Core		
8	Special Projects week 7-12	Review Concepts and Collaborate with Core		
9	Special Projects week 7-12	Review Concepts and Collaborate with Core		
10	Special Projects	Review Concepts and		

	week 7-12	Collaborate with Core		
11	Special Projects week 7-12	Review Concepts and Collaborate with Core		
12	Special Projects week 7-12	Review Concepts and Collaborate with Core		