

2015-2016 6th Grade CMP 2 Scope and Sequence T.E.

1. **Pre-Test** (2 days) Built into Unit 1 (teacher discretion for administering within first two weeks)
2. **UNIT ONE: Factors, Multiples, and Fractional Work** **8/31 – 10/14**
***26 days total (leaving 2 days of Aug for teacher digression i.e. reviewing rules, beginning of the year assemblies, etc.)
 - i. Includes: *Prime Time* Inv 3.1, 3.3 and 3.4 problems & *Bits and Pcs II* Inv 3.5 and Inv 4 only (additional resource pages, skill practice pages, and Investigation 4 ACE problems are included)
 - b. Assessments: Unit exam
 - c. Cluster(s): extend understanding of multiplication and division to divide fraction by fraction (MAJOR), find common factors and multiples in real world situations (ADDITIONAL)
 - d. Rationale: Placed first to carry over and build upon end of 5th grade year work. Removed *Prime Time* 2.2 because odd/even are not required and, while, 2.3 IS factors and multiples, the newly selected lessons from investigation 3 are “real world” examples and that is the direction common core is striving for. Investigations 1 and 2 from *Bits and Pcs II* were removed because they do not fall within the curriculum for 6th grade any longer.
3. **UNIT TWO: Data Analysis and Inequalities** **10/15 – 12/9**
*** 32 days total
 - a. Includes: Pt I- *Data About Us* Inv. 1.1 – 1.3, Inv 2.3, 2.4, Common Core Inv 3, CC additional practice sheets, skill sheets for graphing inequalities (answer keys on schoolwire).
Pt II – *Data About Us* Inv 3.1 – 3.3, CC Inv 5, CC additional practice, math shell on mean, median and mode.
 - Omit math shell if behind the pacing guide
 - b. Assessments: one modified quiz covering through CC Inv. 3 (only electronic version provided), unit exam
 - c. Cluster(s): reason about inequalities (MAJOR) and relationships between independent and dependent variables (MAJOR) and understanding of numbers to systems of rational numbers (MAJOR), develop understanding of statistical variability (ADDITIONAL) and summarize distributions (ADDITIONAL)
 - d. Rationale: Placed second due to length of unit and placement during the course of the year/end point. Additionally, includes numerous major and some additional clusters.
4. **UNIT THREE: Variables, Algebraic Expressions and Ratios Pt I and Pt II** **12/10 -3/18/16**
*** 59 days total
 - a. Includes: **Pt I** – CC Inv 1 & 2, CC additional practice, skill sheets on rates and ratios (answer keys on schoolwire, skill sheets on number properties (answer keys on schoolwire).
Pt II – *Variable and Patterns* Inv 1 -3, math shell on ratios
 - Omit math shell if behind the pacing guide
 - b. Assessments: two unit exams **** QUIZZES WERE USED AS SOME OF THE MATERIALS ON UNIT EXAMS.**
 - c. Cluster(s): Ratio concepts (MAJOR) and algebraic expressions (MAJOR) and one-variable equations (MAJOR) and independent/dependent variables (MAJOR)
 - d. Rationale: Placed third because this unit includes the majority of our major focuses for 6th grade in accordance with common core. This is be able to be completed prior to PSSA but still be fresh enough in the students minds to be relevant and meaningful.

5. **UNIT FOUR: Area, Surface Area, and Volume**

3/29 – 5/12

*** 21 days total

- a. Includes: *Covering & Surrounding* Inv. 3 and 4, CC inv 4, CC additional practice, skill sheets on number properties (answer keys on schoolwire).
- b. Assessments: one unit exam
- c. Cluster(s): [Real-world problems involving area, surface area, and volume \(SUPPORTING\)](#)
- d. Rationale: Placed fourth because it including some supporting clusters but no major

6. **UNIT FIVE: Decimal Work**

5/13 – 6/3

*** 19 days total

- a. Includes: *Bits and Pcs III* Investigations 1,2, 3, 4 and 5.1
- b. Assessments: unit exam
- c. Cluster(s): none that are major, supporting nor additional, but included within pa common core standards.
- d. Rationale: Placed last because it relates more to specific standards than focus areas.