Level 2 Tentative Syllabus

Chapter 3: Exploring Fractions
Day 1- Equivalent Fractions
  - Understanding of What Fractions Are
  - Find Equivalent Fractions
Day 2- Adding and Subtracting Fractions
  - Add Fractions with Like Denominators
  - Subtract Fractions with Like Denominators
  - Find Equivalent Fractions to Mixed Fractions
  - Solve Word Problems Using Mixed Fractions
Day 3- Least Common Multiple and Greatest Common Divisor
  - Find the Least Common Multiple
  - Find the Greatest Common Divisor
  - Simplify Fractions
  - Add and Subtract Fractions with Unlike Denominators
  - Fudge Model
Day 4- Multiplying Fractions, Ratios and Proportions
  - Multiply Fractions
  - Represent Ratios as Fractions
Day 5- Decimal Representation of Fractions
  - Relate Fractions and Their Decimal Representation
  - Locate Fractions on the Number Line
  - Convert Fractions to Decimals and Decimals to Fractions
  - Understand Percents

Chapter 4: Graphs and Functions
Day 6- Inputs and Outputs
  - Review Variables and Introduce Functions
  - Build Tables to Represent Functions
  - Solve Equations
Day 7- Slopes of Lines
  - Graph Straight Lines
  - Define and Use Slopes and Intercepts
Day 8- Solving Equations with Fractions
  - Solve Equations Involving Fractions
  - Solve Literal Equations
Day 9- Distance-Rate-Time Problems
  - Understand Units in Distance-Rate-Time Problems
  - Build a Picture Model
  - Set Up Equations for Distance-Rate-Time Problems
Day 10- Math Jeopardy
  - Summary and Review of all Concepts Covered

* This is a general outline for the camp. Teachers try to adhere to this but may alter their schedule based on the pace and abilities of the class.