ALGEBRA-1 SUMMER CRASH COURSE

Week 1
- Order of Operations, Evaluating Expressions
- Introduction to Polynomials
- Rational Numbers and Indices

Week 2
- Simplifying Variable Expressions
- Operation on Polynomials including Division
- Graphing Linear Equations

Week 3
- Exponents and Properties of Exponents
- Scientific Notation
- Laws of Indices

Week 4
- Solving Single Step Linear Equations
- Solving Multi Step Linear Equations
- World Problems based on Linear Equations

Week 5
- Substitution Method
- Elimination Method
- Graphing and Quadratic Formula

Week 6
- Inequalities
- Solving One step and Multi step Inequality
- Graphing Inequality

Week 7
- Factoring out the GCF
- Factoring Trinomials with a=1
- Factoring Trinomials with a not equal to 1

Week 8
- Slope and Intercepts of a line
- Factoring by Grouping
- Long Division Method