Middle School Algebra
Fall 2019 – Session 2
Instructor: Lyra Porcasi

Syllabus

Class objectives: This course is designed to follow the CCSS for 8th grade and is an equivalent course for 8th grade math. In session 2, students will learn how to use, apply, and model exponents and radicals.

Topics covered:

1. Properties of exponents
2. Interest formula and problems
3. Scientific notation
4. Irrational numbers
5. Converting between fractions and repeating decimals
6. Square and cube roots
7. Pythagorean Theorem, triples
8. Distance Formula, on and off coordinate plane

Special Project: STEAM days (Marshmallow tower and newspaper chair)

Required materials for class every day: Single subject (1") 3-ring notebook, college-ruled lined paper, graph paper, pencil w/ eraser, scientific calculator (suggested TI-30), ruler, “cheat sheets” given in session 1.

Student name: ________________________________

Student Signature: ____________________________ Date: ________________
Parent Signature: ____________________________ Date: ________________