

## 6-9 Math Essentials 2018-2019

8/20/18 through 5/31/19

Instructor: Kathleen Lewis

Classroom: Live Oak

Time: Monday/Wednesday 12:30-2:00pm

Contact: klewis@ccoe.k12.ca.us

Materials: Chromebook, math binder with paper/pencils

The Math Essentials class will address mastery of the foundational math skills needed to be successful in Pre-Algebra and Algebra. Our lessons will use a research-based, proven-effective, gradual-release instructional model with the balance of conceptual understanding and procedural fluency to build confidence and mastery of the California State Math Standards. The class structure will be a combination of direct instruction and practice/hands on activities. We will be utilizing technology (Chromebooks and various math websites) in the class.

Additionally, this class will use Google Classroom, online math practice, test taking skills and hands on “real life math” projects. Students will be expected to bring a chrome book to each workshop, along with pencils, paper and a math binder with paper for note taking and interactive notes.

**Students are strongly encouraged to attend Math Lab following each class to complete homework and receive additional instructional support from Sarah Tesch.**

August/September:

- Find the least common multiple
- Find the greatest common factor
- Multiply and divide multi-whole digit numbers
- Multiply and divide fractions

October:

- Ratios
- Decimals
- Fractions
- Percents

November/December:

- Add and subtract positive and negative rational numbers
- Multiply and divide positive and negative rational numbers
- Solve multi-step problems with rational numbers