

3-5 Math Class 2018-2019

8/20/18 through 5/31/19

Instructor: Kathleen Lewis

Classroom: Live Oak

Time: Monday/Wednesday 10:30-12noon

Contact: klewis@ccoe.k12.ca.us

Materials: Chromebook, math binder with paper/pencils

The 3-5 math class will address an emphasis on conceptual understanding through reasoning, modeling, and discussion that explore the structure of mathematics while also developing students' procedural fluency. 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:

- Rounding to the nearest ten and hundred
- Place value through hundred million
- Read and write decimals to the thousandths
- Multi-digit addition and subtraction using decimals

October:

- Multiplication facts
- Multiply three digit-by-one digit numbers with decimals
- Divide by one-digit numbers with decimals

November/December:

- Equivalent fractions
- Fractions on a number line
- Adding and subtracting fractions with like and unlike denominators
- Fractions and mixed numbers
- Multiplying and dividing fractions