



Dear Family,

Our class is starting a new unit in math called Multiplying and Dividing Parts of Wholes. In this unit, students will focus on multiplying and dividing fractions and decimals. They will use models, mental math, and computational methods to develop this mathematical skill. Students will also utilize their knowledge of estimation to estimate products and quotients. This work can be challenging to students.

At the end of this unit, students will:

- understand the meaning of multiplication and division with decimal fractions and common fractions
- model multiplication and division of one fraction or decimal by another
- use computational methods to multiply and divide fractions and decimals
- solve problems involving multiplication and division by fraction and decimal numbers.

Each student should be able to answer/solve questions like the following:

- When you are dividing by a fraction with a numerator of 1, explain how you can find the quotient.
- Water makes up about  $\frac{7}{10}$  of a person's total body weight. Kelly weighs 120 pounds. About how many pounds of Kelly's weight is water?
- How many 0.45 kg clay pots can be made from 5.5 kg of clay?

In our math class students spend time discussing and are asked to share their reasoning and solutions. It is important that children solve problems in ways that make sense to them. At home encourage your child to explain their math thinking that supports their solutions.

Sincerely,