



Mathematics Family Letter
Advanced Unit 3
Division
About the Mathematics in This Unit

Dear Family,

Our class is starting a new mathematics unit about division. During this unit, students develop an understanding that we use division in two ways: sharing equally or creating groups of equal sets. By the end of Grade 3, it is expected that students will know and understand the meaning of division and develop the ability to apply it in problem solving situations.

Throughout the unit students work toward the following goals:

BENCHMARK/GOALS	EXAMPLES
Demonstrate an understanding of multiplication and division as inverse operations.	$2 \times 6 = 12$ $12 \div 2 = 6$
Interpret and use division notation.	There are 35 flowers. Gina wants to put them in bouquets of 5 flowers each. She can make 7 bouquets $35 \div 5 = 7$
Solve division problems using repeated subtraction.	$15 \div 3 = 5$ $15 - 3 = 12 - 3 = 9 - 3 = 6 - 3 = 3 - 3 = 0$

In our math class, students will spend time discussing problems in depth and are asked to share their reasoning and solutions. Students will learn to divide 2 and 3-digit numbers by 1-digit numbers using repeated subtraction, equal grouping, as well as the traditional algorithm. It is important that children accurately and efficiently solve math problems in ways that make sense to them and be able to explain how they reached their answer.

In addition to the on-level skills, students working in the advanced unit will also divide using 2-digit divisors. They are also expected to know their division facts with understanding and fluency.

Please look for more information and activities about division that will be sent home in the coming weeks.

Sincerely,
The Third Grade Team