How can I help my child at home?

Reading & Writing
- Provide time and space for your child to read independently, free from distractions such as television/video games.
- Ask your child what topics, events, or activities he or she likes. Then look for books, magazines, or other materials about those topics that would motivate your child to read.
- Read and discuss books, articles or internet stories together by using websites found on Manchester K-8 Resource Page.
- Have your child write letters and/or cards to family and friends, telling about an important event in their life, recent trip, or something important to them. Include pictures or graphics to make this a fun activity.
- Use technology to help build your child’s interest in reading by using several websites where students can read books or articles online.

Mathematics
- Play math games with your child. For example, “I’m thinking of two numbers whose product is between 20 and 30. How many pairs can you think of that would answer this problem?” Have your child explain the solutions. How does your child know that all the number pairs have been identified?
- Encourage your child to write or describe numbers in different ways. For example, “What are some different ways to make 1450?” 1450 = 1 thousand, 4 hundreds, 5 tens, and 0 ones, or 1000 + 450, or 14 hundreds and 50 ones.
- Use everyday objects to allow your child to explore the concept of fractions. For example, use measuring cups to have your child demonstrate how many 1/3’s are in a whole, how many 1/4 cups you need to make 1 1/4 cups, and how many times you have to refill a 1/3 cup measure to make 1 1/3 cups.
- Reinforce fact fluency by using math websites, found on the Manchester K-8 Resource Page.
- Play board games (like Monopoly) and dominoes (multiplication dominoes) to practice multi-digit fluency within adding, subtracting, multiplying and dividing.
Mathematics

In grade three, your child will continue to build their concept of numbers, and develop an understanding of fractions as numbers. Your child will learn the concepts behind multiplication and division and apply problem-solving skills and strategies for multiplying and dividing numbers up through 100 to solve word problems. Your child will also make connections between the concept of the area of a rectangle and multiplication and addition of whole numbers. Activities in these areas will include:

Addition and Subtraction: Adding and subtracting within 1,000 (3 digit numbers); conceptual understanding as well as quick recall for fact fluency

Multiplication and Division: Multiplying and dividing within 100 (2 digit numbers); conceptual understanding as well as quick recall for fact fluency

Word Problems: Representing and solving two-step word problems using addition, subtraction, multiplication, division; measuring and estimating intervals of time, liquid, volumes and masses of objects

Measurement and Data: Understanding area of an object (length times width); relating the measurement of area to multiplication and division; measuring weights and volumes; representing and interpreting data

Fractions: Understanding fractions as numbers; identifying a fraction as a number on a number line; comparing the size of two fractions; expressing whole numbers as fractions and identifying fractions that are equal to whole numbers (for example, recognizing that 3/1 and 3 are the same number)

District Workshop Model
Manchester Public Schools is embracing the workshop model in the classroom, starting in the 2014-2015 school year, in grades K-8. Workshop is an approach to teaching major skills (math, writing, reading) in which teachers model concepts and skills, provide structured small group lessons, and allow for independent practice.