5th Grade
Comparing and Rounding Decimals

Student Learning Goals Results show that your student has a clear understanding of the skills shown below as determined by the Mathematics Florida Standards (MAFS).	We will continue to work on the **unchecked** skills at school. To support these skills at home, your child would benefit from practice with the **resources** listed below.
Represent, Read and Write Decimals: The place value of the digit 6 in 1.726 is thousandths. The value of 6 in 1.726 is $6 \times \frac{1}{1,000}$, or 0.006. Standard Form: 1.726 Word Form: one and seven hundred twenty-six thousandths Expanded Form: $1 \times 1 + 7 \times \left(\frac{1}{10}\right) + 2 \times \left(\frac{1}{100}\right) + 6 \times \left(\frac{1}{1,000}\right)$	• While walking around the grocery store or in your house, ask your child to read different items ounces or liters (Ex: a shampoo bottle may be 6.07 oz, it would read as : "six and 7 hundredth ounces" • Real World Situation: Some interesting fossils have been found. For example, geologists found a cockroach that measured 3.453 inches long! What is the number 3.453 written in expanded form?
Compare Decimals: Place value charts are a strategy that can be used to compare and order decimals.	• Place Value Pirates: http://tinyurl.com/m92624t • Decimals of the Caribbean: http://tinyurl.com/oetynsq • Compare the volumes of different liquid bottles in your house (water bottles, shampoo bottles, etc.) Ask your child to read the decimal correctly, and then use a strategy to compare the two decimals (ex: Water bottle is 8.02 oz, a shampoo bottle is 4.78 oz. Which has more liquid in it?) • Real World Situation: Jan and Isabella raced each other. Jan ran the distance in 9.85 s, and Isabella ran the distance in 9.6 Who had the winning time?

For more information on the learning goals and your child's progress, please contact your child's teacher.

Rounding Decimals		
Round 0.528 to the nearest hundredth.	0.520 ←――――――――――→ 0.530	• Online game for students rounding to the nearest tenth, hundredth, or thousandth https://www.turtlediary.com/game/rounding-decimals-up-to-thousandths.html • Real World Situation:Tim went to the grocery story and saw apples were $1.69/pound. If the total weight of his bag of apples was 3.289 pounds, would he be closer to paying for 3.2 pounds or 3.3 pounds?

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