Math & Science Homework Boxes

Monday	Tuesday

1. <u>The force that works against motion is</u>
    a. friction
    b. newton
    c. direction
    d. acceleration
 	
2. As an object is rolled down a hill, it gains speed and strength. This is called:
    a. friction
    b. gravity
    c. momentum
    d. magnetism
	1. If you are riding your scooter, which surface would cause the **GREATEST** amount of friction:
	
	a) cement
	b) grass
	c) rocks
	d) ice
	
	2. _____ is known as a **change** of speed and direction. It can be speeding up, slowing down, or stopping.
	
	3. Which object has more inertia:
	
	a) tennis ball
	b) ping pong ball
	c) bowling ball
	d) soccer ball

Wednesday	**Thursday**
1. If two linemen hit each other with the same force, describe what will happen to the player with less mass? 2. On earth, if a bowling ball and a tennis ball are both dropped at the same time, from the same height, which will hit the ground first? a) the tennis ball b) the bowling ball c) they will both hit the ground at the same time d) the ping pong ball	1. Define Newton's 2nd Law and give a real world example of what it means. 2. Which of these can cause a moving object to change direction? a) inertia b) a force c) speed d) acceleration

Monday	Tuesday
1. Solve the following problems using your preferred method for multiplication: 193 × 80 135 × 29 2. Faiza was baking cookies for the school bake sale. She made 240 cookies and wanted to put them in 16 boxes. If she distributed the cookies equally, how many cookies would go in each box? 3. Divide 364 by 4.	1. Asia and Emma collect nail polish. Emma has 46 different kinds. Kate has 4 times as many as Emma. How much nail polish do they have altogether? 2. Morrisville Elementary has 736 students enrolled and has 32 classrooms for them to learn in. If each classroom has the same number of students, how many students does each classroom have? 3. Write the following in expanded form: Three hundred fifty-nine thousand, eight hundred seventeen and sixteen thousandths.
Wednesday	**Thursday**

1. The grandstand at the Knights stadium is separated into 16 sections. Each section has the same number of seats. There are 8,640 seats in all. How many seats are in each section?
 	
2. Divide 5982 by 6.
 	
3. Compare the following using < or >.
 	
678,345.445 _____ 678,099.446
 	
32,054.34 _____ 33, 054.0344
 	
178,406.703 _____ 178, 079.001
	Write the following decimals in expanded and word form:
	
	  1. 540.902
	
	  2. 542,985.034
	
	3. The students at CAFÉ collected 676 items for the Concord firefighters. If there are 13 firefighters, how many items did each firefighter receive?