**Velocity**

**Today in Science class, Mr. Smith did a demonstration.**

**Match the Motion**

**In this demonstration, Mr. Smith set up a motion detector and a program on his computer that graphs his the movement on the detector. He would have one person match a certain set of movement instructions. Then, he would have another person do it and try to match it. It was very hard.**

**Things I learned:**

* **Velocity is how fast an object is moving to which direction.**
* **If you are driving North on Interstate 91, and you are going 60 miles an hour, and there is anther car on the other side of the road going 60 miles an hour South, than you are going the same speed, but your velocities are very different since you are going opposite directions.**
* **On a rotary, your velocity is constantly changing even if your speed is staying the same.**