

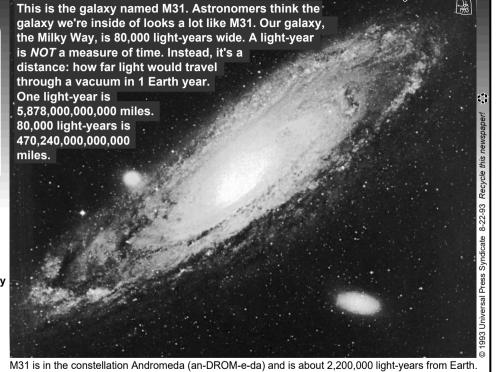
everything's ALWays Moving

It's All Relative

Your speed depends on what you are comparing your speed against. You specu relative to the floor is u miles per nout when you're standing but since you're on the Farm, you have other specids: your of Lea relative to the axit of the Earth, our speed relative to the senter of the sun. and your speed relative to the center of our galaxy, the Milky Way.

liere's a way נז imagine the route v e tal e through ... Ivoro z. iii ayiik you o climbing a spiral staircasa, whice voulre spinning around and around. That's just about what's happening to all of us on Earth right now!

Dear Laura, There's no if about it. You already are traveling as fast as the sun. That's because where the sun goes, the Earth goes with it. The sun is on a long, strange trip orbiting the center of our galaxy, the Milky Way. The trip takes 250 million years (for 1 orbit) and is really fast - 480,000 miles per hour. But that's just 1 of the speeds we're traveling. Beakman Place Earth's equator spins around its axis at 1.037 mph. Laura in Spokane. Sun's path around center of Milky Way at 480,000 mph Earth orbits the sun at around 66.000 mph.



P.S. from Jax: There are about 100,000,000,000,000 stars in the Milky Way. Now get ready for this: There are billions of galaxies! And they too are all moving all the time!