Lesson 2 Newton's First Law

Predict three facts that will be discussed in Lesson 2 after reading the headings. Record your predictions in your Science Journal.

--- Main Idea --- Details -----**Identifying Forces Draw** the described forces. Use labeled arrows to indicate the forces on a box, and show the net forces in the column to the right. **Net force Description Drawing** I found this on page _____. 1. A force of 200 N to the left and another force of 50 N to the left I found this on page _____. 2. A force of 100 N to the right and a force of 80 N to the left I found this on page _____. 3. A force of 180 N to the right and a force of 180 N to the left I found this on page _____. **Identify** the forces in the table above as balanced forces or unbalanced forces.

Lesson 2 | Newton's First Law (continued)

Main Idea	Details	
Newton's First Law of Motion	Summarize Newton's first law of motion.	
I found this on page	an object at rest	
	an object	
I found this on page	Contrast the motion of objects unbalanced forces.	acted on by balanced and
	object's motion +	forces
	=	velocity
	object's motion +	forces
	= changed	
I found this on page	in motion.	objects at rest and objects
Why do objects stop moving? I found this on page	Summarize how friction and sliding on a flat surface.	' inertia act on an object
	k at the objects around you that are at a sof zero as opposed to no forces at all.	