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

	Description	Drawing	Net force
found this on page	<b>1.</b> A force of 200 N to the left and another force of 50 N to the left		
found this on page	2. A force of 100 N to the right and a force of 80 N to the left		
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 ta   unbalanced forces.   1.   2.		

## Lesson 2 | Newton's First Law (continued)

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