Wk 3 1st Law

L Golf Ball Experiment	1 Golf Ball Experiment
.When you pushed the block, there were two parts to its motion: a speed up and a slow down.	1. When you pushed the block, there were two parts to its motion: a spee up and a slow down.
What caused the speed up?	What caused the speed up?
What caused the slow down?	What caused the slow down?
2. When you pushed the air puck, there were two parts to its motion: a speed up and a constant speed.	2. When you pushed the air puck, there were two parts to its motion: a speed up and a constant speed.
What caused its speed up?	What caused its speed up?
Why did it do a constant speed afterward?	Why did it do a constant speed afterward?
3. a) When forces act, what do things do?	3. a) When forces act, what do things do?
b) When NO forces act, what do things do?	b) When NO forces act, what do things do?
I. When you released the golf ball while you were walking what nappened?	4. When you released the golf ball while you were walking what happened?
□ It fell straight down.	☐ It fell straight down.
□ It kept moving forward.	□ It kept moving forward.
5. What do you think will happen in the bowling ball thought experiment?	5. What do you think will happen in the bowling ball thought experiment?
□ It will fall straight down.	□ It will fall straight down.
□ It will keep moving forward.	☐ It will keep moving forward.

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