

### Rubric

An object always moves when a force acts on it.

	4	3	2	1
	agrees and disagrees with the statement	agrees or disagrees with the statement	agrees or disagrees with the statement	no response
Balanced and Unbalanced Forces	agrees because when the forces are unbalanced, the ball will move AND disagrees because if all the forces are balanced, the ball will not move	EITHER agrees because when the forces are unbalanced, the ball will move OR disagrees because if all the forces are balanced, the ball will not move	EITHER agrees because when if someone pushes it, the ball will move OR disagrees because if no one pushes the ball, it will not move	provides no "because" statement
Strength of Force	In my model if the unbalanced force is strong, the ball moves farther. AND In my model if the balanced forces are all equally strong, the ball won't move.	EITHER In my model if the force is strong, the ball moves farther. OR In my model if the forces are all equally strong, the ball doesn't move.	EITHER Strong pushes make the ball go far. OR Strong pushes on all sides will make the ball stay still and not move.	Hard goes far.
Cause and Effect (if the prompt was used, "because" should be addressed)	My models show that unbalanced forces cause the ball to move. AND My models show that balanced forces caused the ball not to move.	EITHER My models show that unbalanced forces cause the ball to move. OR My models show that balanced forces caused the ball not to move.	EITHER My models show that a push causes the ball to move. OR My models show that if no one gives the ball a push, the ball will not move.	My models show a push moves the ball and that no push makes the ball stay still and not move.