

Name: _____

Calculating Total Force

GRADES 3-5

Questions:

How does a volleyball move? How does a volleyball stop moving?

Hypothesis: What do you think will make a ball move and why?

Scaffolding Experiment

	Is it moving? (Y or N)	How long does it take before it stops moving?	What speed is it traveling at?
Ball on the ground			
Ball after a serve			
Holding the ball			
Dropping the ball			
Ball after a bump			

Name: _____

Calculating Total Force

GRADES 3-5

Force Diagrams:

How does force create motion (Answer using evidence from your experiment)?