

Forces Success Criteria

Success Criteria	
I can identify the 4 types of friction. List them and an example of each.	
Draw an example of friction and its direction compared to the motion of the object.	
I can demonstrate how friction causes objects to start moving, slow or stop movement, and change direction of movement. Draw an example of each.	
I can determine whether <i>forces</i> on an object are balanced or unbalanced. What happens during an arm wrestling contest with a clear winner?	
I can demonstrate how unbalanced forces cause objects to speed up, slow down, or change direction. Draw an example of each.	
I can predict which object will move more quickly when the objects have different masses and the same amount of unbalanced force is applied to each.	
I can calculate the speed of a falling object at any point during the fall using the gravitational constant of 9.8 m/s^2 .	
I can explain the gravitational constant.	
I can find the net force by adding and subtracting forces acting on an object. Draw two different forces pushing on a box in opposite directions.	
I can name the 4 basic forces.	
I know the forces vocabulary.	