

Frictional Force Investigation



Your Name: _____

1. What are some examples of friction?
2. Explain what happened when you rubbed your hands together at a fast pace?
3. Which of the four surfaces (table, carpet, tile floor) provided the most friction? Which provided the least?
4. What effect would friction have on a rolling football?
5. How does rain affect the football players performance on the field in regards to friction?

Investigation Data

Push #1: Distance and speed on table surface	Distance: Speed:
Push #2: Distance and speed on carpet surface	Distance: Speed:
Push #3: Distance and speed on tile floor surface	Distance: Speed:
Hypothesis of movement with two books stacked upon one another:	Faster or Slower
Push #1: Distance and speed on table surface	Distance: Speed:
Push #2: Distance and speed on carpet surface	Distance: Speed:
Push #3: Distance and speed on tile floor surface	Distance: Speed: