

# Hero for Hire: SuperDemos

You have been tasked to become a real-life superhero. Using your knowledge of physics, can you master magnetism or become impervious to harm? Below are a list of superdemos we will be doing as a class, each of you are responsible for putting down your own observations of what happened in each demo and positing a theory for what underlying physics caused it to occur. By the end of the night, you should be able to fool people into thinking you're a real superhero.

Fill out the table:

<b>SuperDemo</b>	<b>Observations</b>	<b>Explanation</b>
Impervious to Harm: Hammer and Lead brick		
Defying Gravity: Rolling Uphill		
Defying Gravity: Copper Pipe Magnets		
Wielding Lightning: Jacob's Ladder		
Wielding Lightning: Van de Graaff Generator		
Wielding Lightning: Tesla Coil Lightbulb		
Pyrokinesis: Dancing Flames		
Master of Metal: Bending Aluminum		

Impervious to Harm: Stop a Bowling Ball		
Impervious to Harm: Bed of Nails		