Name	Date				
Simple Machines Test					
Section One: Levers					
Draw two second class lever pictures another that shows a real world exam		_			
Make sure to include the location a) fulcrum b) effort force c) load d) class of lever: first, second or the		mages			
What is the mechanical advantage of	a third class lever?				
Identify the following Levers: Write	First Class, Second Class	or Third			
Class in the space provided					
Nutcracker Class Lever	Teeter-totter	_Class Lever			
Wheel Barrow Class Level	Golf Club	_ Class Lever			
Pliers Class Lever	Cupboard Door	Class Lever			

Section Two: Pulleys

Complete the following chart

	Fixed Pulley	Moveable Pulley	Combined Pulley
Illustration			
Advantages	You get to pull down, which is easier than pulling up		
Disadvantages			No real disadvantages

Section Three: Incline Planes and Screws

Mr. Smythenhouser hiding shelf on top of	_	-	-	own from their
Create three simple use to retrieve her c			ferent incline	e planes he can
What 2 Simple Mac	hines make up	a screw?		
What are the advant	ages of each o	f these Simp	le Machines	?

Section Four: Wedges and Wheels and Axles
What happens when the wheel in a wheel an axle is very small?
List 4 different types of wedges
List 4 different types of wedges
A pencil sharpener like the one found in this room is a compound machine. List all of the simple machines it is made up of
Trivial Pursuit
1. If you had a golf club and you wanted to hit it as far as you possibly
could, what class lever would you use?
2. If a dog fell into a deep well, what simple machine could you use to
rescue it?
3. If you wanted to fetch a pie from a high shelf, what simple machine
would you use?

4. If you wanted to cut a watermelon, what simple machine would you