Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Simple Machine Computer Lab

Activity #1

Go to the link below. Manipulate the different materials found on the screen to get the Hamburger and Fries on to the Skateboard.

https://www.learn4good.com/games/online/chain-reaction.htm

Answer the following questions.

1. How many times did it take you to achieve the goal?

2. Give an example of each of the 6 Simple Machines represented in this game?

Activity #2

Go to the link below. Click on the start button and complete the missing steps of the compound machine.

<http://www.msichicago.org/play/simplemachines/>

Place each of your answers on your sheet.

Describe what happens in each part?

Activity #3

Go to the website below. Click on each picture below and review what each simple machine is.

http://clccharter.org/mk/InventionMuseum/simplemachindex.html

After reviewing each simple machine take the quiz and write down your answers.

1.

2.

3.

4.

5.

6.

Activity #4

Go to the link below. Complete the 3 activities at the end of the page.

<http://aspire.cosmic-ray.org/Labs/Machines/>

In a sentence or 2 explain what each activity wanted you to do and how did each simple machine get represented?

Wedge and Lever

Pulley and Incline Plane

Wheel and Axle

Activity #5

Click on the link below. Try and complete the machine to get the ball from one side to the other.

http://grownups.pbskids.org/dragonflytv/games/game\_mechanical.html

List all of the simple machines that you notice.