Naı	me:	Hour Date	
		Speed Web Quest	
http://www.ducksters.com/science/physics/speed and velocity.php			
	1.	What is the measurement of how fast an object moves relative to a reference point?	
	2.	What is the formula for speed?	
	3.	How do we measure or think of speed in the United States?	
	4.	In science and physics, what is the standard unit of measure for speed?	
J.F	5.	What is the speed of an object at a given moment?	
	6.	Give an example of instantaneous speed.	
	7.	What is the average speed of a car that travels 40mph for 1 hour and 60 mph in another hour?	
	8.	What is the rate of change in an object's position?	
	9.	What two parts make up velocity?	
	10.	Who was the first scientist to measure speed as distance over time?	
	11.	What is good example of instantaneous speed?	
Scr	oll t	to the bottom of the page and click on "Acceleration."	
	1.	What is the measure of a change in an object's velocity?	
	2.	What is the equation for acceleration?	

3. What is the standard unit of measure for acceleration?

## http://www.fearofphysics.com/Xva/xva.html

- 1. What is where an object is located?
- 2. What is how fast an object's speed is changing?
- 3. What is how fast an object is moving?
- 4. Choose each of the settings that follow and list them below:

First object =

Position =

Speed =

Acceleration =

Second Object =

Position =

Speed =

Acceleration =

What reached the finish line first? Why?

5. Now try again with different settings:

First object =

Position =

Speed =

Acceleration =

Second Object =

Position =

Speed =

Acceleration =

What reached the finish line first? Why?

- 1. Click on "view online free"
- 2. What is the <u>minimum speed</u> required to survive the motorcycle jump?

Speed	Survive or Fail?