

Name: \_\_\_\_\_ Hour \_\_\_\_\_ Date \_\_\_\_\_

## Speed Web Quest

[http://www.ducksters.com/science/physics/speed\\_and\\_velocity.php](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?
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?

Scroll 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?

