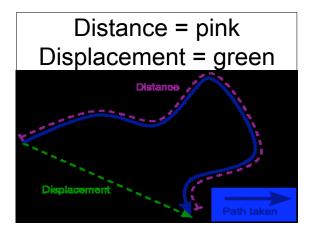




- MOTION- distance changed from an object or reference point.
- Reference Point- point where detecting movement from. Starting point.
- DISTANCE- length traveled between points.
- <u>DIRECTION</u>- direction heading when in motion.



DISPLACEMENT- length & direction traveled



- <u>TIME</u>- amount it takes to get between points.
- <u>SPEED</u>- rate time for distance traveled.

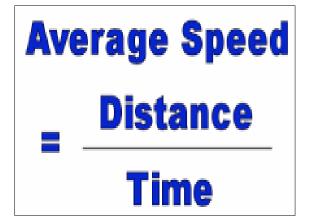


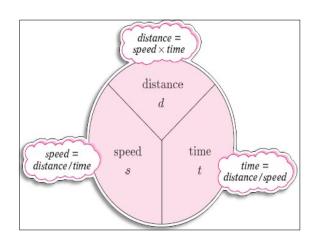


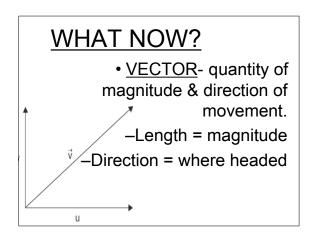
SPEED

- Average speed- Distance/Time
- Instantaneous speed- rate of movement @ given instance in time









DISTANCE & TIME

SLOPE- Line on a graph.

- Upward slope- moving away from position.
- Downward slope- moving towards position.
- Horizontal slope- not moving

BEYOND SPEED

- VELOCITY- Speed in given direction.
- ACCELERATION- rate velocity changes.
 - Increasing speed
 - Decreasing speed
 - Change of direction
 - <u>Final Velocity</u> <u>Original Velocity</u> Time

VELOCITY & TIME

- <u>SLOPE</u>- Steepness of a line on graph.
 - Incline- increase in speed
 - Decline- decrease in speed.
 - Horizontal- maintain constant speed.

