

## Science Ch. 1, lesson 1 notes

Vocab.	<p><b>position</b>- the location of an object</p> <p><b>direction</b>- tells which way a line points from one object or place to another</p> <p><b>motion</b>- the process of changing position</p> <p><b>speed</b>- the measure of how fast or slow something moves</p> <p><b>distance</b>- the amount of space between two objects or places</p>
An Object's Position	<ul style="list-style-type: none"><li>* uses words such as next to, above, below, to the right of, etc.</li><li>* millimeters, centimeters, meters, kilometers, inches, feet, yards, or miles are used to measure the distance between objects</li><li>* you can use a ruler or a yard stick to help measure things</li><li>* you must use both distance and direction to describe position</li><li>* north, south, east, and west describe direction</li><li>* up, down, left, right, forward, and backward also describe direction</li></ul>
Motion	<ul style="list-style-type: none"><li>* positions change</li><li>* objects can move in a straight line, they can move in circles, back and forth, or in a zigzag pattern</li></ul>
Measuring Motion	<ul style="list-style-type: none"><li>* you can measure motion by distance, time, speed, and direction</li><li>* time is measured by seconds, minutes, hours, days, weeks, and years</li><li>* if a car is traveling at a distance/speed per hour, it will be described as miles per hour or mph</li><li>* moving objects can move in a straight line, a circular motion, a zigzag pattern, and back and forth</li></ul>