

Vocabulary Sheet #1

Name: _____

Date: _____

Period: _____

As we talk about these words in class, please write down the definitions of the following words. There may be a quiz over these words and it will be very easy to pass if you keep up with the words we are using in class.

Build - The actual fabrication and assembly of a product.

Tele-operated - Describes a robotic system that is human controlled.

Autonomous - Describes a robotic system that carries out programs or performs tasks without outside control by acquiring, processing, and acting on environmental information.

Microcontroller - Uses logic (programming software) to receive commands and interpret signals from the Transmitter and/or sensors that control a robot's movement and functions.

Motor Port - Refers to any of the eight ports for connecting Motors and/or Servo Motors to the VEX Microcontroller.

Gear - One of a set of toothed wheels that work together to alter the relation between the speed of a driving mechanism and the speed of the driven parts.

Sprocket - Any of various toothlike projections arranged on a wheel rim to engage the links of a chain

Speed - Measure of how fast an object is moving, that is, how much distance it will travel over a given time.

Torque - Torque is the application of force where there is rotational motion.