



Curriculum Pre/Post Test Unit 11

1. Which of the following is not an example of a robot subsystem?
 - A. Power
 - B. Sensor
 - C. Lifting mechanism
 - D. Wheels

2. Which of the following components would be in a Power Subsystem?
 - A. Battery
 - B. Wheel
 - C. PWM wire
 - D. Gear

3. Which of the following components would be in a Pneumatic Subsystem?
 - A. Elastic tubing
 - B. Piston
 - C. Motor
 - D. Gear

4. Which of the following components would not be in a Control Subsystem?
 - A. Joystick
 - B. Motor
 - C. VEXnet key
 - D. Microprocessor

5. Which of the following components would not be in a Sensor Subsystem?
 - A. Integrated Motor Encoder (IME)
 - B. Gyro
 - C. Accelerometer
 - D. Programming Cable

6. Which of the following components would not be part of the Drivetrain subsystem?
 - A. Wheel
 - B. Gear
 - C. Microcontroller
 - D. Bearing



7. Which of the following components would not be part of the Lifting Mechanism subsystem?
- A. Joystick
 - B. Lock Bar
 - C. Linear slide
 - D. Axle
8. What is the size limit of a VRC robot?
- A. 12" x 12" x 12"
 - B. 16" x 16" x 16"
 - C. 18" x 18" x 18"
 - D. 20" x 20" x 20"
9. What is the maximum weight of a VRC robot?
- A. 20 lbs
 - B. 30 lbs
 - C. 50 lbs
 - D. No limit
10. How many motors can be used on a VRC robot?
- A. 8
 - B. 10
 - C. 12
 - D. No Limit