VEXcode VR Beta
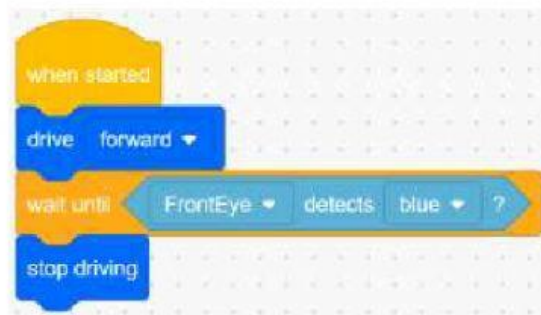
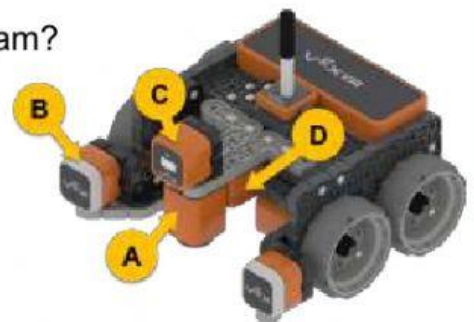**Lesson 4: Using the Color Sensor**

Direction: Select the correct answer for each item.

1. Which of the following is TRUE about Image Recognition?

2. Which of the following blocks will allow the robot to detect color and then perform the next function if the right condition is met?

3. Which of the following sensor attachment can be used to detect color in front of the robot?

4. Which of the following sensor attachment can be used on the surface of the field or playground?

For numbers 5 and 6, kindly refer to the program below:

5. What is the expected robot movement based on the program?

6. Which sensor is most likely used for the said program?

7. How many Eye Sensors does the VR robot have?

8. Which of the following colors CANNOT be detected by the Eye sensor?

9. True or False: The Eye Sensor values can be displayed on the Dashboard in VEXcode VR.

10. Based on the program below, what is the most likely use of this virtual robot?