**Lego Design Engineer Video Submittal Form**

**Make It Move Video:**

1. Compare the way the two walking robots move. What do you notice about how they balance as they walk?
2. Look at the ways that machines and robots move up hills or other inclined surfaces. These robots require more power to move uphill. What are some features you notice that help them climb uphill?
3. Which robot(s) moves in a regular pattern? What does moving in the pattern accomplish?

**Make It Smarter:**

1. Look at the tasks the robots are performing. Choose one example and describe what the robot needs to be able to sense and then plan and act in response.
2. What senses do humans have and why are they important to us?
3. How many humanlike senses do you see the robots demonstrating?

**Make A System:**

1. Robotic systems are built from smaller, related subsystems. Look at the automobile system shown in the video. What subsystems can you see?
2. What other systems and subsystems do you see in the video?