

COZMO Robots Logistics Engineering Technology – Activity Directions

Helpful Hints:

- Cozmo may need to be “fed” before the activity. Tap “feed” and follow the instructions on the screen.
- Cozmo is like a pet and he doesn’t always like being told what to do. He gains “sparks” by doing his own thing and these sparks can be used to play games and do tricks.
- If Cozmo doesn’t have enough “sparks” to play a game or do a trick – let him look around, sing, pounce on your finger, etc. The bottom left hand corner of the ipad screen will let you know what Cozmo is thinking. He may also choose to play his own game.

Instructions:

1. Tap “Play” and then “Spark a Trick” and watch what Cozmo will do.
 - i. How can this technology be helpful in Logistics? Think about warehouses, shipping, and packing.
 - ii. What type of role would a Logistics Engineering Technician have with this technology helping to stack boxes?
2. Tap “Play” and then “Spark a Game” and follow the directions on the screen for how-to-play.
 - a. **Keepaway** - How can this type of automation/artificial intelligence be used in Logistics? Think about robots recognizing humans in warehouses and industries. Think about safety precautions.
 - b. **Memory Match** - How can this type of automation/artificial intelligence be used in Logistics? Think about robots recognizing different types of products. How can efficiency be improved with this type of technology?
 - c. **Quick Tap** - How can this type of automation/artificial intelligence be used in Logistics? Think about speed/accuracy of finding products.

Discussion Questions:

1. We’ve talked a lot about how robotics and automation can make logistics more efficient. Why is efficiency important?
2. What ethical issues do Logistics Engineering Technicians need to think about when creating and implementing this type of technology?
3. What can artificial intelligence do that humans can’t do?
4. What can humans do that artificial intelligence can’t do?

COZMO



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