

Name: _____ Date: _____

Operation Robot Picnic: Can You Fix the Pre-K Logic Glitches?

Pre-K learners synthesize multi-step instructions and debug complex sequence errors to help a tiny robot pack for a rainy day lunch.

1. The robot is making a sandwich! First, it gets bread. Second, it adds jelly. Third, it gets another bread. What is the fourth step to make it ready to eat?

- A. Put the sandwich in a backpack
- B. Press the two pieces of bread together
- C. Eat a piece of cheese
- D. Clean the kitchen floor

2. If the robot wants to stay dry in the rain, it should put on its boots AFTER it opens its umbrella.

- A. True
- B. False

3. The robot needs to organize 4 toys into two boxes. If it puts 2 toys in the blue box, how many go in the red box?

- A. Zero toys
- B. One toy
- C. Two toys
- D. Five toys

4. Oh no! The robot is trying to walk through a closed door. What is the 'bug' in its plan?

- A. The robot's battery is full
- B. The robot forgot the 'Open Door' step
- C. The robot is wearing a hat
- D. The floor is too shiny

5. To draw a square, the robot draws a line, then turns. It must do this _____ times total to finish the shape.

- A. One
- B. Two
- C. Three
- D. Four

6. The robot needs to find the biggest apple in a basket. How should it start?

- A. Pick up two apples and compare them
- B. Close its eyes and jump
- C. Eat all the apples at once
- D. Paint the basket blue

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7. A good robot 'algorithm' for washing hands means putting soap on AFTER drying them with a towel.

- A. True
- B. False

8. The robot is at a wall and needs to go left. If it keeps walking straight and hits the wall, it needs to _____ its plan.

- A. Delete
- B. Debug
- C. Sleep
- D. Sing

9. The robot must cross a room with puddles. Which plan is the best (most efficient)?

- A. Walk through every puddle
- B. Walk in a circle forever
- C. Step over puddles to reach the finish quickly
- D. Sit down and wait for the sun

10. To build a tower of 3 blocks, which logic is correct?

- A. Put the top block in the air first
- B. Foundation block, Middle block, Top block
- C. Throw all blocks at the wall
- D. Hide the blocks under a rug