1. Make a dance with lights and sounds
2. Program robot to move through your cardboard maze

LOOPS

1. Go in a square (4 steps large) forever
2. Go in a square (4 steps large) twice
   * Speak the direction you’re about to go (ex: “Left”)
   * Extra Credit: make the robot spin completely around at each corner before continuing
   * Extra Credit: do all of this with only 7 blocks using loops
   * Extra Credit: make the robot celebrate at the end with movement, lights, and sounds

FUNCTIONS

1. Slot Car Racing one lap
2. Slot Car Racing one lap with a function to celebrate at the end
3. BONUS: Slot Car Racing using a variable to track how many laps you’ve done. Set a different color for each lap using a function