Algorithm for Agility Sprint

1.Place robot at start of course

2.Start robot

3.Set robot to move forward 3 feet and 3 inches

4.Stop robot

5.Turn robot 90 degrees right

6.Set robot to move forward 3 feet and 4 inches

7.Stop robot

8.Turn robot 90 degrees left

9. Set robot to move forward 3 feet and 11 inches

10.Stop robot

11.Turn robot 90 degrees to the right

12.Set robot to move forward 7 feet 6 inches while going over ramp

13.Stop robot

14.Robot must take sharp right turn

15. Set robot to move forward 9 feet

16. Robot must proceed to knock down all pins after 9 feet