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|  | **MazeBot Challenge Part 1 Rubric** |

You will have 4 days to program your Basic Bot to move through 3 progressively difficult mazes in order to earn the highest amount of points. During this challenge you will learn to code and maintain lengthy programs as well as use and maintain your robot throughout the challenge. To determine a winner for this challenge the point values for each maze are listed below…

**Complete Maze 1** = 100 points

**Complete Maze 2** = 200 points

**Complete Maze 3** = 300 points

**Drive outside of the course** = -10 points for each instance of both wheels crossing the boundary line.

**Speed bonus:** 1st to complete a maze = 50 points (then decreases by 10 points by each student completion i.e. 1st = 50 points, 2nd = 40 points, 3rd = 30 points)

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| **MazeBot Challenge Part 1 Scoring Rubric** |
| Student completes Maze 1 | \_\_\_\_\_ / 30 points |
| Student completes Maze 2 | \_\_\_\_\_/ 20 points |
| Student completes Maze 3 | \_\_\_\_\_/ 10 points |
| Student uses FUNCTIONS in their MazeBot programs. | \_\_\_\_\_/10 points |
| Student thoroughly completes the MazeBot Challenge Part 1 Reflection page. | \_\_\_\_\_/ 30 points |

 **Total \_\_\_\_\_/ 100 points**