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|  | PLTW_M_L_4CP |

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| Project 2.3.4b Automation Through Programming Task Check-Off |

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

| **Problem** | **Mechanical Engineer:**  Model built and sketch complete  (student initials) | **Electrical Engineer:**  Model wired and schematic complete  (student initials) | **Computer Engineer:** Program completed using PLTW template  (student initials) | **Conclusion Questions** complete in engineering notebook  (student initials) | **Project**  **Completion**  (teacher signature) | **BONUS?**  (teacher initials) |
| --- | --- | --- | --- | --- | --- | --- |
| 1. Robot Drag Race |  |  |  |  |  |  |
| 2. Spinning Sign |  |  |  |  |  |  |
| 3. Terry the Traffic Tamer |  |  |  |  |  |  |
| 4. Toll Booth |  |  |  |  |  |  |
| 5. Grandma’s Chair |  |  |  |  |  |  |
| 6. Tekrocks Bridge |  |  |  |  |  |  |
| 7. Road Trip |  |  |  |  |  |  |
| 8. Stay on Course |  |  |  |  |  |  |
| 9. Pick and Place |  |  |  |  |  |  |
| 10. Elevator Challenge |  |  |  |  |  |  |
| Portfolio Completion: | | | | | | |
| Student Comments: | | | | | | |
| Teacher Comments: | | | | | | |