**Phase 1 Score Rubrics**

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| Assessment Criteria | Score |
| Quality of UGV | 50 |
| Quiz (3 questions on UGV) | 30 |
| F1 Timing | 10 |
| Maze Clearing Timing | 10 |
| Autonomous Maze Clearing Capability | Bonus marks will be awarded |

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|  | Poor | Average | Good |
| Creativity (15 marks) | Build is poor  (1 – 5 marks) | Build is generally good with some mistakes  (6 – 10 marks) | Proper shape design with enhancement to UGV performance  (11 – 15 marks) |
| Tidiness & Workmanship (15 marks) | Wires are messy and contacts are left exposed  (1 – 5 marks) | Wires are not at risk of shorting. Mediocre attempt at wire organisation  (6 – 10 marks) | Neat wiring with properly insulated solder joints  (11 – 15 marks) |
| Performance (20 marks) | UGV is immobilized  RFID not working  (1 – 5 marks) | UGV can maneuver. Minor faults present.  Retrieve and display data from RFID cards accurately.  (6 – 15 marks) | UGV can maneuver at full speed with no malfunctions. Retrieve and display data from RFID cards accurately.  (16 – 20 marks) |