**Marking Rubric – Task 9: Factors affecting the severity of crashes**

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| **Description** | **Marks Possible** | **Marks Received** |
| Title Page   * Relevant title for investigation that clearly and concisely details what the investigation is. | 1 |  |
| Table of Contents | 1 |  |
| Abstract   * Clearly describes the purpose and aim of the investigation. * Brief summary of the materials and method used. * Summary of results and conclusions. | 3 |  |
| Introduction   * Clearly introduces the purpose of the investigation. * Identify the aim of the investigation. * Formulates a testable hypothesis that clearly states the relationship between dependent and independent variables. * Background information (Newton’s Laws of motion, link to driving, describe the scientific concepts associated with investigation variables) | 6 |  |
| Variables   * Designs investigation to identify and control appropriate variables (independent, dependent, controls). | 3 |  |
| Method   * Describe the experimental method in detail, using labelled diagrams. | 5 |  |
| Results   * Accurately collect and organise data logically into a table, include relevant calculations. * Accurately graph data using correct conventions (ruler/pencil). | 6  6 |  |
| Discussion (see discussion points below)   * Comprehensively explain trends in the numerical/graphical data. * Communicate detailed information and concepts logically and coherently, using appropriate scientific language and conventions. | 4  6 |  |
| Evaluation   * Provide relevant suggestions to improve the validity and reliability of the investigation. Discuss any limitations with the experiment. | 7 |  |
| Conclusion   * Summarise the investigation results and use evidence to draw conclusions that related to the hypothesis. | 3 |  |
| References   * Incorporate in-text referencing (where appropriate) and provide a reference list in correct format | 3 |  |
| Language Conventions   * Report to be written using concise language, in third person/past tense. | 3 |  |
| TOTAL MARKS | 57 |  |