

## The Next Lap Challenge Marking Rubric (Primary School)



| Criteria  | Developing   | Strong  | Exceeding  |
|---|--|---|--|
| <b>Understanding of the Problem &amp; Circuit Changes</b> | Shows limited understanding of how changes at Albert Park affect racing.           | Demonstrates a clear understanding of how track changes affect speed, safety or cars.   | Shows strong understanding of circuit changes, clearly explaining how they impact racing performance, safety or fan experience.    |
| <b>Design &amp; Creativity of Solution</b>                | Model is basic with limited creativity and weak connection to the problem.         | Model is thoughtful and creative, showing clear links to improving racing or safety.    | Highly creative and imaginative design that clearly improves racing, safety, aerodynamics or experience in an original way.        |
| <b>Application of STEM Ideas</b>                          | Limited explanation of how the idea works; minimal connection to science concepts. | Explains how the design works using basic science ideas (e.g. forces, motion, airflow). | Clearly explains how and why the design works using strong understanding of science concepts with labels, diagrams or examples.    |
| <b>Explanation &amp; Reasoning</b>                        | Provides a simple or unclear explanation of the idea.                              | Provides a clear explanation of how the idea improves racing and why it works.          | Provides a confident and well-explained justification, clearly linking the idea to performance, safety or experience improvements. |
| <b>Presentation &amp; Communication</b>                   | Presentation lack's structure or clarity; ideas are difficult to follow.           | Clear and organised presentation explaining the idea and how it works.                  | Highly engaging and confident presentation; clearly explains the idea with strong visuals, enthusiasm and clarity.                 |