



Supplementary Regulations - STEM Racing South Australian 2026 State Final

Version 2.0

Article S1 - Preface

These Supplementary Regulations apply only to the 2026 STEM Racing South Australian State Final and override any corresponding regulations in the 2025 **and/or 2026** Season Australian Competition Regulations.

Primary Reference Documents published:

- **2026** Competition Regulations - Development and Professional Classes, V1.0
- 2025 Technical Regulations - Development and Professional Classes, V1.0
- 2024 Competition Regulations - Cadet Class, V1.0
- 2025 Technical Regulations - Cadet Class, V1.0

If you feel there is any ambiguity surrounding the following regulations, please contact Stephen Read (Chair of Judges) for clarification at stephenreadf1@gmail.com.

Article S2 - Competition Regulations

S2.1 Change of Competition Name

The competition in all regards **MUST BE** referred to as “STEM Racing”.

There **MUST NOT** be any references to “F1® in Schools” except in historical terms.

There **MUST NOT** be any use made of “F1®” or “F1® in Schools” logos in elements submitted, displayed, or supporting, in printed or electronic form. This includes social media and websites.

S2.2 Change of Australian National Landscape

The competition is no longer sponsored nationally by the Department of Defence.

There **MUST NOT** be any use of DoD logos.

S2.3 Forms

Terms and Conditions Form for State Final (one per Team) – Teams **MUST** submit form when submitting mandatory project elements.

Media Consent Forms for State Final – All attending students will need to submit a signed form unique to this event (Teacher’s responsibility to coordinate and gain authentic parent/guardian approval). Teams **MUST** submit forms when submitting mandatory project elements.

Student Code of Conduct Form (one per Team) – Teams **MUST** submit form when submitting mandatory project elements.

Failure to submit valid forms of Terms and Conditions, Media Consent Form and Student Code of Conduct **WILL** prohibit teams from participating and remaining on site.

S2.4 Element Submission Prior to the Event

Mandatory Project Elements Submission MUST be made to each team's dedicated google drive by 5pm ACST Thursday 27th August, using the prescribed naming convention, format and size. Google drive link WILL be provided separately via email to teams closer to the event.

S2.5 Element Submission at Check-in

Development Class: To support judging, 2 copies of each of the Engineering and Enterprise portfolios MUST be submitted (A3 printed and bound) along with all other requirements (see C2.11). The physical copies of the portfolios MUST be identical in content to that which was submitted electronically. Detection of differences in one portfolio WILL attract a 20-point penalty. Detection of differences in both portfolios WILL attract a 40-point penalty

Cadet Class: Cadet teams physically attending the competition are required to bring their 1 x A2 Poster or 2 x A3 Posters printed and ready for display. STEM Racing will provide adhesive to display the poster/s.

S2.6 Integrity and Use of Turnitin

Turnitin WILL NOT be used as a plagiarism and AI detection tool. However, integrity issues such as plagiarism and inappropriate use of AI WILL still be monitored.

If Teams are found to be in breach of the Code of Conduct or the spirit of the competition, penalties possibly to the extent of exclusion from relevant awards MAY be applied at the discretion of the Chair of Judges.

S2.7 Linking Skills with Careers

With Defence no longer a sponsor, a Team's response to linking skills with career choices SHOULD NOT be focused only on Defence careers. It MAY include Defence but SHOULD go beyond Defence. This relates explicitly to the Enterprise Portfolio and the Verbal Presentation, but MAY also influence other elements.

Refer to Criteria 5.8, and 10.7.

S2.8 Trade Display

To simplify the processes and minimise costs, the trade displays WILL be restricted as follows for all teams (both Development and Professional classes).

Displays MUST be formed on a folding trestle table supplied by the Royal Adelaide Show with the following dimensions: 1838 W x 762 D x 737 H mm. Displays MUST be erected in an allocated display area (see C8.5.3).

Displays using cardboard, corflute or similar basic "pop-up" structures WILL provide vertical display surfaces above the tabletop that MAY be established to a maximum

height above the floor of 1800 mm. These vertical display surfaces are to be appropriately anchored/supported to provide stability within the plan form of the table. Note that a breeze may flow through the venue.

Unstable structures, those that do not hold their form or those that fall, WILL attract a 40-point penalty.

The table MAY be dressed with a tablecloth or alternative lightweight material that MAY carry signage.

Power WILL NOT be provided to the displays nor be rigged by teams.

Set up of displays SHOULD be achieved within a specified maximum 20-minute period following Check-in and scrutineering. The display elements as brought on site SHOULD satisfy the size and packaging requirements (see C8.4) with the exception being the exclusion of the table. Erection WILL require minimal manual tools (eg, screwdriver, scissors). Ladders MUST NOT be used. Teams MUST complete their display set up without assistance from others.

Teams MUST incorporate signage in their display showing the team's name, number, state and school in an A3 sized landscape panel attached to the right-hand front facing corner of the table, hanging down from the table surface edge.

The backsides of the display panels and table SHOULD be clean and attractive and will be considered in relation to the aesthetic appeal of the overall display.

S2.8 Awards and Trophies

The awards identified in the Competition Regulations WILL be made where earned with ~~framed~~ certificates planned to be presented. Some trophies MAY be presented.

S2.9 Social Media Use

The term 'social media' is removed from Criteria 7.5. Instead it reads '...across all project elements; portfolios, uniforms, car, display and collateral...'.

~~The term 'social media' is to be removed from Criteria 7.6. Instead it reads '...media strategy. Careful considerations of target audience...'.~~

S2.10 Team Uniform

Teams without the STEM Racing Australia Logo on their team uniform as referenced in Criteria 7.9 and C2.8.7 will need to provide evidence that uniforms were ordered on or before the 27th of July 2026 otherwise usual penalties will apply.

ARTICLE S3 - Technical Regulation Changes

S3.1 STEM Racing Cars (re Decals)

... Car A and Car B, also referred to as 'the cars', ..., car assembly MUST only consist of the following mandatory components and/or features:

1. A body ...

41. Decals

12. ...

Previously prescribed mandatory and provided decals (F1® in Schools, DoD) MUST NOT be used. Ignore T1.22.2 and T3.4.2. Ignore T3.4.3. 'The REA Foundation Ltd., Department of Defence...'. T3.4.3 still applies to the STEM Racing sticker.

S3.2 Team Number

Each team WILL be allocated a unique Team Number. With reference to T3.4.1, the Team Number followed by either an "A" or "B" will be used to identify cars. This identification is required to be applied to the race car's body, positioned specifically between the leading edge of the halo and the leading edge of the front tires. The identification WILL be clearly visible in the plan view. Teams WILL create and apply their own Team Number Identification to their vehicles before the event, using the format prescribed in T3.4.1. Teams WILL NOT be provided with number decals.

Decal Diameter: 15.0mm

ARTICLE S4 - FAQ's

S4.1 Display set up questions

~~The display set up will be the last activity on Friday after teams have checked in and gone through scrutineering and rectification.~~

The packaging restrictions will be applied, noting that a trestle table supplied by the Royal Adelaide Show will be exempt from the restrictions provides the base structure for all displays.

PROCEDURE:

- Teams will stage elements in the assigned location and be assessed against the packaging restrictions in an initial 10-minute window.
- Teams will then have 20 minutes to set up without penalty. When presentable and the team declares they are finished, they are to report they are finished to the Supervisor. The supervisor will log the time taken to set-up.
- Teams are then to wait by their display doing nothing more to their display for their photo to be taken. A photo of the display and a photo of the team with the display will be taken nominally in the next 10 minute window.
- Once the photo is taken, Teams will be advised they have permission to leave the site

PENALTIES:

Teams exceeding the 20 min set up will attract a 10-point penalty for each 10 minutes or part thereof of delay in completing the display

S4.2 Event Logistics

Teams **need** plan to arrange for their own meals. ~~If event sponsors come on board, this may change and teams will be notified.~~

The Royal Adelaide Show is providing each Development and Professional team a trestle table 1838 W x 762 D x 737 H mm.