

STEM ON TRACK RANKINGS

INTRODUCTION

Every STEM On Track team is judged across three categories that matter equally: Build, Learn and Race. Together they reward technical skill, academic effort and racing under pressure. This guide explains exactly how points are earned in each category, how they combine into Championship Points, how teams qualify for National Finals, and how the Overall STEM On Track Champion is crowned.

Use it to plan where to focus — because the title is won across all three, not in any single one.

NEW FOR 2026/27

Championship Points don't just win prizes any more — they decide **who makes the grid**.

Only the top 100 teams across the whole programme qualify for National Finals, ranked by total Championship Points (your standing in the Build, Learn and Race categories added together). Every point, in every category, helps earn your place on the grid — make them count.

The three

CATEGORIES

Each category is scored on its own, then converted into Championship Points.

The three categories carry equal weight — none counts for more than another.

Build — how well your kart is built and how clearly you document the journey.

Learn — your team's work on the Race Academy platform.

Race — how your team performs on track.

There is an award for the top team in each category, plus the big one: the Overall STEM On Track Champion, for the team with the highest combined Championship Points across all three.

HOW

Are they scored?

BUILD

Your kart is assessed in two parts, for a total of up to 110 points:

1. Scrutineering (up to 100): how well your kart meets the required technical standards when our scrutineers inspect it on Test Day.

2. Build Portfolio & Graphic Design (up to 10): documenting how you built your kart — design decisions, problem-solving, photos, videos, drawings or written reports. You can also include extra work from the programme, such as sponsorship proposals and social media updates. We also assess the creativity, visual impact of your graphics kit and how well it represents your team and sponsors.

Build Portfolio deadline — Test Day.

Submissions must be made by Test Day. A submission can be a link to a social media account, a presentation or a video. Please email us the link directly and don't assume we've already seen it.

The portfolio and livery are easy points that many teams forget to claim. Capture your build as you go and the marks are there for the taking.

LEARN

Your Learn score comes from the Race Academy platform:

- Each module your students complete earns 5 points.
- Half-termly assessment modules carry additional bonus points on top (Maximum of 50)
- Your team's score is the average across all team members, so consistent engagement from everyone matters, not just your strongest students.

Through the platform we can monitor time spent in modules, If we believe students to be skipping through sessions, we reserve the right to remove points.

RULE CHANGES!

Larger teams, we've got you covered. Because Learn is scored on an average, a big team is naturally harder to keep at a high average than a smaller team. To keep things fair, every team earns one bonus point per team member. A team of 30 adds 30 points; a team of 2 adds 2. It won't decide the result on its own, but it fairly recognises the extra challenge of keeping a large squad engaged.

Module cut-off. There is no published deadline for completing Race Academy modules. Instead, the STEM On Track Team will set an unpublished final cut-off date, within 2 weeks of the Finals. This is deliberate, it stops teams cramming all their modules into the last week, which goes against the spirit of the competition. If you spread the work steadily across the programme you'll finish near the top.

RACE

Race is scored differently at the two stages of the season:

- **Qualifying Test Day:** scored on your single fastest lap, not total laps. Mechanical gremlins are common on a Test day, so fastest lap is the fairer measure of your team's true pace.
- **National Finals:** scored on the total number of laps your team completes. If two teams finish level on laps, the team with the fastest single lap takes the higher place.

Reliable, consistent driving wins the day, and a quick lap in the bag is useful insurance for any tie.

CHAMPIONSHIP POINTS

To find the Overall Champion across three very different categories, we rank every team within each category and award Championship Points by finishing position. The top 100 teams in each category score:

- **1st place** → 100 points
- **2nd place** → 99 points
- **3rd place** → 98 points... and so on, one point per place...
- **100th place** → 1 point
- **101st and below** → 0 points

The same scale applies to all three categories, so each category is worth a maximum of 100 points, that's what keeps them equally weighted.

We add your Build, Learn and Race Championship Points together. The top 100 teams with the highest combined total qualify for Finals. For the Overall Champions, Build scores carry forward, Learn scores are calculated in the run up to the day and Race scores are based on the number of laps completed at Finals.

One thing worth knowing: because each place is worth one point, the title rewards consistency across all three categories more than brilliance in just one. A team that finishes strongly everywhere will usually beat a team that wins one category but slips in another.

Championship Points are calculated at two moments in the season. Both are marked the same way, using the same three categories and the same 100-point scale, but the scores that feed into them are taken at different times.

QUALIFYING TEST DAY

Qualifying points are calculated as such:

Build: scored on the day, at Test Day scrutineering.

Learn: your Race Academy score is frozen on Test Day.

Race: your single fastest lap time on Test Day.

These three are ranked and combined into your qualifying Championship Points.

The top 100 teams take their place on the National Finals grid.

**QUALIFYING EXAMPLE**

TEAM	BUILD	LEARN	RACE	CHAMPIONSHIP
GBA Racing	Score: 106 Position: 4th Points: 97	Score: 714 Position: 12th Points: 89	Lap Time: 1:01.6 Position: 1st Points: 100	Points: 286 Position: 8th Status: Qualified
Nantwich GP Racing	Score: 109 Position: 2nd Points: 99	Score: 725 Position: 1st Points: 100	Lap Time: 1:18.4 Position: 30th Points: 71	Points: 286 Position: 8th Status: Qualified
STEM Racers	Score: 63 Position: 130th Points: 0	Score: 610 Position: 51st Points: 50	Lap Time: 1:30 Position: 98th Points: 2	Points: 55 Position: 110th Status: DNQ (Barring Dropouts)

NATIONAL FINALS

Finals points are calculated as below:

Build: Carried forward from Test Day, so get it right first time. There is no second chance to improve your build score.

Learn: Calculated in the weeks running up to the Finals. The calculation date is not published, so don't neglect the platform until the last week!

Race: The total number of laps you complete at the Finals. For tiebreakers, we revert to fastest lap.

These are ranked and combined into your final Championship Points. The team with the highest total is crowned the Overall STEM On Track Champion.

FINALS AWARDS:

Build Award: The top team in the Build category.

Learn Award: The top team in the Learn category.

Race Award: The team that completes the most laps at the National Finals.

Overall STEM On Track Champions: The highest combined Championship Points across all three categories.

All awards are presented at the National Finals, so please don't leave before the presentations!



TIEBREAKERS

All points are calculated and verified by the STEM On Track team.

Overall ties: if two teams finish on the same combined total, the team with the higher Race score takes precedence.

Race ties: decided by the fastest single lap.

Build ties: decided by the higher scrutineering score (the technical core of the build).

HOW TO MAXIMISE POINTS:

Build: don't just build well, document it, and design an awesome livery. Your Test Day score carries all the way to the Finals, so get it right first time.

Learn: complete every module, prioritise the half-termly assessments for the bonuses, and get your whole team engaged, the average rewards everyone pulling their weight. Work steadily; you won't know the cut-off date.

Race: chase a clean fast lap on Test Day to make the grid, then reliable, consistent laps at the Finals to win it.

Overall: you don't have to win a category to win the championship. Aim to finish strongly in all three.

FINALS EXAMPLE

TEAM	BUILD	LEARN	RACE	CHAMPIONSHIP
GBA Racing	Score: 106 Position: 4th Points: 97	Score: 724.5 Position: 10th Points: 91	Laps: 30 Position: 8th Points: 93	Points: 281 Position: 1st Champions
Nantwich GP Racing	Score: 109 Position: 2nd Points: 99	Score: 733 Position: 1st Points: 100	Laps: 25 Position: 20th Points: 81	Points: 280 Position: 2nd Learn Award Winners

FAIR PLAY

And disqualification

STEM On Track is built on fair play. The overwhelming majority of teams compete in exactly the right spirit, but so that everyone knows where the line sits, a team may face sanction for any of the following:

- **Modifying the kart** beyond the permitted specification, or racing a kart that has failed, bypassed or been altered after scrutineering.
- **Cheating on Race Academy** skipping through modules without genuinely completing them, or having adults or other students complete modules on a team member's account. We understand a student may occasionally skip through a module. However if we see it consistently across a team, you will be disqualified.
- **Ineligible drivers** racing any driver outside the permitted age range (11-16).
- **Safety and race control** ignoring flags, marshals or race officials, dangerous or deliberately aggressive driving, or failing to wear the required safety equipment.
- **Work that isn't your own** a Build Portfolio or livery design that is not the genuine work of the team.
- **False information** misreporting driver ages, team rosters or race data.
- **Conduct** abuse of, or unsporting behaviour towards, officials, volunteers or other teams.

PRIZES

You must attend prize giving to collect your award. Awards are presented at the National Finals, and we want that moment to belong to the students who earned it, celebrated on stage, in front of everyone. If a team is not present to collect, their prize may be passed to the team in second place. This applies to every award, including the Overall STEM On Track Champion.

Leaving early? Tell us in advance. We know travel and school logistics can be tight. If you need to leave before the presentation, let us know beforehand and we will give you a heads-up on where you currently stand, so you can make an informed decision about whether to stay.

If you choose to leave knowing there's a chance you could win, and you do win, we reserve the right to award the prize to the second-placed team. Our advice is simple: if you are anywhere near the top, stay. It is worth it.

CONTACT US

Got a question? Need a bit of extra info? Or want to understand your rankings further? We're here to help. Whether it's advice, ideas, or a quick chat to point you in the right direction, our team's just a call or email away.

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We look forward to seeing you on track and wish you the very best in your STEM On Track Rankings journey.