



National STEM Championship 2025

General Information Deck for Schools



**National STEM
Championship**

By Science Centre Singapore

About NSTEMC

The competition provides a platform for Secondary three students to showcase and hone their knowledge via various on-site STEM challenges, hosted by various hosting organisation.

Aims & Objectives

To continue to ignite and inspire the wonders of science to the youth and the future generations of scientist and engineers

To improve its relevance to better align with research, innovation and enterprise the landscape of Singapore – the elements of Science, Technology, Engineering and Mathematics will be incorporated

To nurture the passion for scientific inquiry and develop creative problem solving skills in not only the participants but also the audience



Organised by Science Centre Singapore and supported by MOE



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Phases of Competition

Qualifying Rounds
Quarter Finals
Wildcard Round
Semi Finals
Grand Finals



Competition Tentative Timeline

Kindly note that timeline might change and point-of-contacts will be informed of any.

Competition Timeline 2025

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Phases	Date
Qualifying Round	APRIL
Quarter Finals	MAY
Wildcard Round	END MAY
Semi Finals	JULY
Grand Finals	AUGUST

Teacher coordinators will be informed of any changes.
If you have any queries, feel free to reach out to us.

Qualifying Rounds (April)

Practical – Hands On Challenge

– Students will be tasked to compete a challenge within the 1.5hours and materials provided.

Theory – Written Test

Students will have 1.5hours to complete 50 questions, ranging from different subjects –Biology, Chemistry, Physics, Combine Sci, Mathematics, Engineering

Quarter Finals (May)

Students will go through multiple stations and complete stated tasks with given materials.

Wildcard Round (End May)

This component will be done after the Quarter Finals.
Teams will be given another chance to compete and the top teams from this round will proceed to the Semi Finals.

Mystery Challenge

Students will be given 1 mystery challenge to complete in the duration given.

Semi Finals (July)

Onsite Challenge – Partners

Semi finalist will be divided into groups & visit various partner hosting agencies where they will complete a challenge given to them.

Grand Finals (August)

3 Different Challenges

Challenges will be disclosed to the finalists at a later date.

Prizes

All teams who take part in the Qualifying Round will receive a certificate of participation, even if they do not proceed to the Quarter Finals.

	Champions	1 st Runner Up	2 nd Runner Up	3 rd Runner Up
Certificate	😊	😊	😊	😊
Medal	😊	😊	😊	😊
Trophy	😊			



NSTEMC Journey

“The destination is not everything, the journey and experience is important too.”
Enjoy the learning journey!

NSTEMC Journey Journals

To journal down your experience and journey throughout the competition.

Objectives

- To make it a more holistic learning experience for students
- Provide a platform for students to share their thoughts and experience

NSTEMC Journey Journals

Submissions

Will be after every phase of the competition.

An email will be sent to teacher coordinators to remind of the submission of the journals.

Format

Any format & up to the creativity of the team, to express their thoughts and experiences after each phase.

One submission per team.

Where

Journals will be uploaded and shared on NSTEMC Facebook page.

Journals may also be shown at the end credits of each telecast episode.

Frequently Asked Questions

- How many students per team?
- Can we change team members during the competition?
- If a member is missing during the challenge, will the team be disqualified?
- What do the teams need to take note of?
- When will each phase be?
- What are the broadcast dates?

Frequently Asked Questions

- 4 students will make a team representing the school.
- Changing or replacement of team members is not allowed.
- Unless there is a valid reason, members who are absent might be subjected to the team being disqualified.
- Teams can review the previous edition episodes to get an idea of the competition flow.
- Timeline provided is tentative, do lookout for emails or announcements via NSTEMC Facebook page. Teacher coordinators will be informed of any changes.
- Broadcast dates are still not finalized, but it will be towards the end of the year.

Updates & Information

<https://www.science.edu.sg/for-schools/competitions/national-stem-championship>

<http://www.facebook.com/nationalstemchampionship>

Contact

Feel free to reach out!

Please email to NSTEMC2025 POCs: loh_zi_yan@science.edu.sg,
Tiffany_Chua@science.edu.sg, redza_adly_esmadi@science.edu.sg

Register now! → <https://form.gov.sg/67444719746742c1d1023865>