

SAMSUNG



Solve for Tomorrow 2023/24

Entry Pack

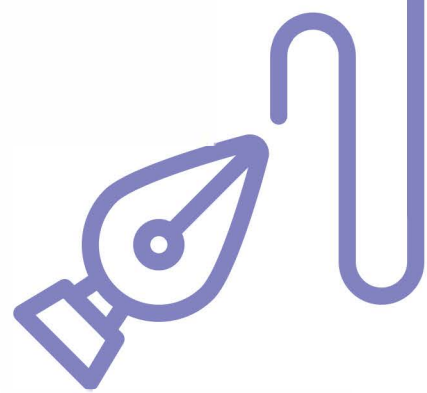


Solve for Tomorrow

and \$100,000 in prizes!

by February 29th

- 01 The contest
- 02 How to apply
- 03 How entries are judged
- 04 You could win
- 05 For your inspiration
- 06 Why Solve for Tomorrow?



The Contest

Every year students compete in Solve for Tomorrow to develop projects involving STEM thinking and Samsung technology to address modern issues. This year's theme is **sustainability**. We are inviting groups from **grades 6 to 12 in schools across Canada** (excluding Québec) to try bold ideas they believe might help our planet - **from clean energy to habitat conservation to food waste reduction**.



How to apply

To apply for the contest, form a team of up to **50 students** from your school, sponsored by one of the school's teachers – **who will submit your entry**. **You will need to answer four questions**.

1

What is the sustainability challenge you and your students can tackle for your community?

2

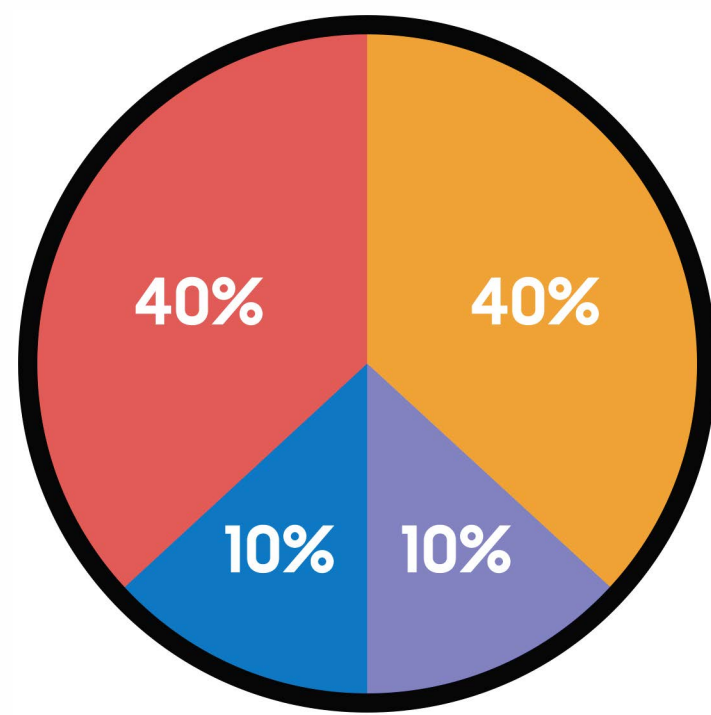
How would you use STEM thinking and Samsung Technology to approach this issue?

3

What are the intended results or improvements for your community?

4

How can you measure or track the success of your project?



How entries are judged

The judges will evaluate entries to the contest based on this weighting of criteria:

- Impact to community with specific examples
- Originality and Feasibility
- Quality of submission, including response to criteria, writing style and grammar
- Application of STEM and Samsung technology

You could win

The **top five finalists** each win **\$5,000** in Samsung cash vouchers to purchase new technology for their respective schools. The public gets a chance to vote on their favourite Solve for Tomorrow finalist entry, and the most popular finalist will win a **\$5,000 cash prize** for their school.



The **1st-place winner** of Samsung's Solve for Tomorrow will receive a **\$50,000 cash prize** for their school, which is named The School for Tomorrow and holds the title for a year.



The **2nd- and 3rd-place winners** of Solve for Tomorrow will each receive a **\$10,000 cash prize** for their respective schools.

For your inspiration

We have free lesson plans and thought-starting materials for contest entrants. [Get yours at the Solve for Tomorrow website](#). Here is a small sampling from our "Spark Deck":

DESIGN THINKING

A great idea can come from anywhere. The Design Thinking process* can help refine your idea and bring it to life. **The five stages are:**

*Hasso Plattner Institute of Design. "An Introduction to Design Thinking PROCESS GUIDE" Stanford University, <https://web.stanford.edu/~mshanks/MichaelShanks/files/509554.pdf> Accessed 10 November 2023.

- 1 **Empathize:** research your users' needs.
- 2 **Define:** state your users' needs and problems.
- 3 **Ideate:** challenge assumptions and create ideas.
- 4 **Prototype:** start to create solutions.
- 5 **Test:** try your solutions out.

SUSTAINABLE MANUFACTURING

We'll continue to need manufactured products. But can we manufacture them using environmentally and economically sound processes? How do we reduce negative environmental impacts? How might we conserve energy and natural resources?

Do you have an idea that addresses these challenges?

SFT Vietnam

The **Eco Warriors** team from Hanoi won the High School Category with a machine to **mitigate waste created from the pandemic's widespread use of plastic masks**. By melting and remoulding mask plastic, the team demonstrated that a plastic pot could be created from recycling in just one and a half minutes.*

*Samsung Newsroom Malaysia. "Innovating for the Future - How Solve For Tomorrow 2021 Winners from Around Southeast Asia & Oceania Are Building a Better World" Samsung, <https://www.buzzfeed.com/samsungaustralia/winners-of-samsungs-solve-for-tomorrow> 13 July 2022.



Enter now
samsung.com/ca/solve
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Why Solve for Tomorrow?

Gain problem-solving experience

Learn how to collaborate in a team

Benefit from industry expert mentorship

Enjoy access to Samsung's resources

Help make a difference in your community

Be recognized for your efforts

Aim to make your school famous