

Sample form, not for offline completion.

Visit <https://tkkyia.awardsplatform.com> to enter.

02 Student

Secondary Schools

Name of Invention

Have you participated in TKK YIA before?

☐ Yes

☐ No

☐ I am eligible to enter the applicable Tan Kah Kee Young Inventors' Award category.

☐ I have read and agree to the terms and conditions in <https://singaporetkkf.com.sg/yia/>

You are encouraged to credit everyone who contributed to this entry.

1. Please be sure to spell all names correctly and include your names in **FULL** (names entered on this form will be reflected on your certificates)
2. Enter your mentor's details (if you have any)
3. Please check that the email addresses and contact numbers that you have entered are correct before submitting the form.
4. For **groups** registering under the **Junior Student, Student and Senior Student categories**, please keep your group size within a limit of **3 members**. Entries exceeding this limit will unfortunately be **rejected**. However, If you choose to register with **more than 3 members**, please register under the **OPEN category**. Please be reminded that you will be competing with people outside of your age group, the judging criteria and standard for the open category is also much higher.
5. Once the submission has been completed, no additional members may be added to the team. The submitting party is responsible for ensuring that all contributors to the project are duly registered at the time of submission. The inclusion of unregistered members may result in disqualification.

School/Institution

Others (to specify)

Self

Admiralty Primary School

Ahmad Ibrahim Primary School

Ai Tong School

Alexandra Primary School

Anchor Green Primary School

Anderson Primary School

Ang Mo Kio Primary School

Anglo-Chinese School (Junior)

...

If you do not belong to a school/institution OR do not wish to represent your school, please indicate as "Self".

If your school/institution cannot be found in the list, please specify in "Others".

Do you have a mentor for this project?

☐ Yes

☐ No

How many members are there in your team? (including yourself)

1

2

3

4 (Only for Open Category)

5 (Only for Open Category)

If you are the registrant, please make sure to count yourself in this section.
Please note that only the OPEN category can have more than 3 members.

My team members and I are all Singaporean / PR.

☐ Yes

☐ No

Please select 'No' if you have a team member who is a foreigner.

☐ I confirm that I have registered all the contributors to this project. I understand that having unregistered members can lead to disqualification.

Field of Invention (ONLY select up to 3)

- ☐ Mechanical
- ☐ Electrical / Electronic
- ☐ Building
- ☐ Environment
- ☐ Transport
- ☐ Materials
- ☐ Infocomm
- ☐ Health Care
- ☐ Science
- ☐ Others (to specify)

Choose the field(s) that best describes your invention. You can ONLY select up to 3 options.

Your invention is

- ☐ A new product
- ☐ An adaptation of an existing product
- ☐ An improvement on a past YIA submission

Summary of Invention

150 words

Write a summary of your invention.

Problem Statement

- Who experiences this problem, and in what specific context or scenario? (e.g., Elderly people in wet bathrooms, or Students carrying heavy textbooks.)
- How frequently or how severely does this problem occur? (e.g., It happens daily/weekly, or It affects X number of people in our school.)

Invention Description

- Explain the invention's core concept, how it works, and its components or main elements.
- Detail the core mechanism of action. Explain how your invention achieves its function. For a process, material, or design, describe the key steps, components, chemical reactions, physical forces, or structural elements involved.
- Describe the key design decisions. If your invention's advantage (e.g., safety, convenience, stability) comes from its specific shape, configuration, or material choice, explain why you chose that particular design over others.

Unique & Novel Features

- Describe the most similar existing product/method (the 'closest competitor'). How does your invention perform better or differently in a key aspect? (e.g., Existing product A is faster, but my invention B is 50% cheaper to make.)

Advantages & Benefits

- State at least one advantage using a number or quantifiable term. (e.g., It reduces water usage by 20%, or It saves 5 minutes per use.)

Evidence to Substantiate Advantages & Benefits

Provide evidence to substantiate the above superiority & benefit claims.

Applications and Use Cases

Explain the various practical applications and scenarios where your invention can be utilized.

Integrate Invention Into Existing Systems or Industries

Describe how your invention can be integrated into existing systems or industries and its potential impact in different fields.

Development Stage and Roadmap (optional)

- Specify the current stage of development of your invention (concept, prototype, in testing, etc.).
- Outline the future steps, including potential improvements and scalability.

Describe Experience

During the development of your invention, what was the biggest problem you encountered, and how did you solve it?

☐ I declare that the submitted information is true to the best of my knowledge.

Any patents?

☐ Yes

☐ No

Awards from other competitions?

☐ Yes

☐ No

External resources / assistance for product completion

☐ Yes

☐ No

You may upload the following materials:

1. Image/drawing of prototype, must be labelled **(REQUIRED)**
2. PowerPoint Slides OR Poster (must contain substantial information)
3. A video (not more than 3 minutes) to demonstrate how your prototype works. (Must either be under 5MB or uploaded on external sites: YouTube)

Materials may be supplied as follows:

- Upload only JPEG, PNG, MP4, PDF or PPT files. Maximum file size limit is **5MB** per file. You can also attach a URL.
- You can upload a **maximum of 5 attachments**.

Please verify that all link/URL attachments **can be accessed without any restrictions** before submitting this form.

Maximum of 5 attachments