



Reference No. MOE/CFS/LTP/20230061

19 May 2023

Through The Principal

Dear Parents / Guardians,

Invitation to participate in YSC Design Thinking and Prototyping Bootcamp 2023

1. Thank you for your support for your child/ward's participation in the **Young Sustainability Champion (YSC)** programme which is presented by Temasek Foundation and organised by Science Centre Singapore.
2. Phase 2 of the YSC programme requires students to participate in the **YSC Design Thinking and Prototyping Bootcamp 2023**. This is only open to shortlisted students based on the quality of their Phase 1 submissions online. We are pleased to share that Science Centre Singapore has shortlisted your child/ward for this.
3. The Bootcamp will take place from **29 May to 9 June 2023** at the Science Centre and culminates in a public showcase of the projects on **22 and 23 June 2023**.

The exact timing will be confirmed and sent to confirmed participants in due course. The tentative timing is **9am to 5pm** on the dates specified (i.e. it is a full-day programme).

Please note that you would have to plan and arrange for your child/ward's transport to the programme venue.

The programme is fully paid for¹ and is summarised in the table as follows:

¹ * These workshops are **fully subsidised** for the students. However, there will be a **penalty fee** in the event that the student decides to withdraw from the programme after the Design Thinking and Prototyping Bootcamp has commenced.



Date/ Period	Activity
29 May to 30 May	<p style="text-align: center;">Design Thinking Workshop</p> <ul style="list-style-type: none"> • Introduction to Design Thinking • Interaction with Community Members as part of empathy field research
31 May to 1 June	<p style="text-align: center;">STEM Workshops by Industry Experts, including:</p> <ul style="list-style-type: none"> • Laser cutting • 3D printing • Computer-aided design • Block programming • Arduino and Microbit programming
5 June to 9 June	Prototyping Week with teammates and mentors
22 June	Showcase Preparation
23 June	<p style="text-align: center;">Showcase Day</p> <ul style="list-style-type: none"> • Your students will pitch their ideas to members of the public in the Science Centre.

4. Students will be able to pursue their project ideas, thematically centered around the United Nations Sustainability Development Goals (SDG) of:
- SDG7: Affordable and Clean Energy
 - SDG11: Sustainable Cities and Communities
 - SDG12: Responsible Consumption and Production
 - SDG13: Climate Action

Your child/ward will collaborate with 3 to 4 other students (would be from other schools) to transform their project ideas into working prototypes, under the close guidance and training of experienced Design Thinking and STEM mentors.

5. Students who produce outstanding prototypes will be shortlisted for YSC Phase 3 – Incubation Phase (20 – 24 November). Project teams will further refine and improve on their prototypes with the guidance and support from industry experts. In the

intervening months between June and November, these teams shortlisted for Phase 3 will also be contacted to embark on interesting learning journeys catered to the context of their projects. Their journey will lead up to a final judging session on 24 November, where there will be attractive prizes to be won.

6. To confirm your child/ward's participation in Phase 2, please complete the form below by **22nd May 2023 (Monday)**.



Please also indicate your consent for your child/ward's participation in this via Parents' Gateway by **22nd May 2023 (Monday)**.

7. Please note that all subsequent correspondences on this programme will be from the organisers at Science Centre Singapore. The school is not involved in the planning of this programme.

If there are any queries, please do not hesitate to contact me at lee_huoy_fen@moe.edu.sg. Thank you and we look forward to your child's/ward's participation in this.

Yours sincerely,

A handwritten signature in black ink, appearing to be 'Lee Huoy Fen'.

Ms Lee Huoy Fen
Teacher-in-charge