



DIALOGUE WITH TIME

EMBRACE AGEING



TINKVENTOR CAMP (MARCH 2019)

ABOUT TINKVENTOR CAMP:

Designing the future with Computational Tinkering and Design Thinking.

Tinkventor Camp is a 3-Day camp that uses the Art of Tinkering to combine with Design-Thinking process to create solutions to real life scenarios. Together with Dialogue with Time exhibition, this camp will focus on Computational Tinkering, diving deeper through prototyping and iteration of their solutions. Using these inventor skills, young tinkventors will come up with designs to accommodate an ageing society.

ABOUT THE EXHIBITIONS:

- 1) **The Tinkering Studio** is an immersive exhibition space that encourages creative learning and exploration through hands-on journey of fun experimentation.
- 2) **Dialogue with Time** is an exhibition about the art of ageing which is led by a senior guide above the age of 65 who will share his/her life story and facilitate a “happy ageing” discussion.

TARGET AGE GROUP:

9 - 12 years old

DATES:

18 - 20 March 2019 (Monday - Wednesday)

DURATION:

3 Days, 9.30am - 4.30pm

COST:

\$400 per participant (excluding 7% GST)

NUMBER OF PARTICIPANTS:

Minimum: 15 pax

Maximum: 20 pax (Registration closes once we have 20 participants)

QUESTIONS:

E-mail Ms Illi at Illli_Suraya_MOHD_RAZALI@science.edu.sg or contact her at 6425 2739 or 6352 5257

ITINERARY

Day 1: Introduction to Computational Tinkering

TIME	DESCRIPTION
9.00 am	Welcome to Science Centre Singapore
9.30 am	Paper Circuitry and Chibitronics Using copper tapes, LED and coin battery, re-discover electricity; explore switches, parallel and series circuitry. Blending circuit building and programming with self-expression, Chibitronics will be introduced as an additional tool.
12:30pm	Lunch
1:30pm	Creative Coding Writing coding scripts using micro:bit to make a motion sensor, game controller or musical instrument has never been more fun and easy.

Day 2: Design Thinking Process (Part 1)

TIME	DESCRIPTION
9.00 am	Welcome to Science Centre Singapore
9.30am	Dialogue with Time exhibition tour Break the cliché stereotypes of our seniors. Get to the heart of the target audience to fully understand whom we will be designing the future for.
11.30am	Lunch
12.30pm	Ideation and Prototyping (Part 1) Learning various brainstorming techniques, we will be ideating for solutions and making our first prototypes.

Day 3: Design Thinking Process (Part 2)

TIME	DESCRIPTION
9.00 am	Welcome to Science Centre Singapore
9.30am	Implementation and testing Applying coding, what type of prototyped solutions can we come up with?
11.30am	Lunch
12.30pm	Prototyping (Part II) Continuation of prototyping.
3.00pm	Showcase Exhibition * Our tinkventors will showcase their prototypes to create an inclusive future for our silver generation.
4.00pm	Certificate Presentation

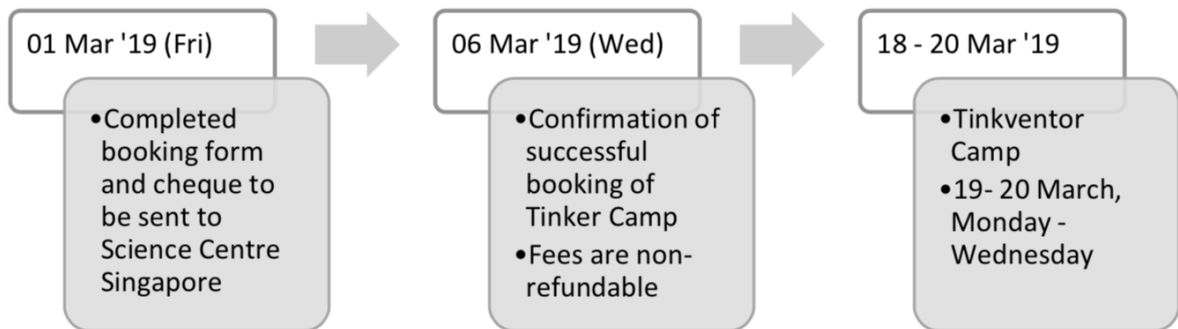
Note: Programmes are subjected to change due to unforeseen circumstances

*Parents are invited to Inventor's Exhibition. Parents are to arrive at 2.45pm. 2 complimentary tickets are given per participant. Any additional family members, standard charges to the Centre applies.

Terms and Conditions

1. Registration form and cheque can either be mailed to the Science Centre or dropped off at the Visitor Services Centre during office hours by **01 March 2019**.
2. Price includes Science Centre admission, all meals and conducted workshops stated in the itinerary.
3. Programme is available on a first-come-first basis and will commence with the minimum of 15 participants. In the case of cancellation of camp, cheques will be returned.
4. Confirmation of camp will be made known by **06 March 2019** via email or phone.
5. Fees paid are non-refundable after **06 March 2019**. However, replacement of participant is permitted.
6. In the event of wet weather, The Tinkering Studio reserves the right to replace affected outdoor programmes with indoor programmes deemed suitable.

Summarised timeline of Tinkventor Camp application



TINKVENTOR CAMP MARCH 2019 BOOKING FORM

FOR TINKVENTOR CAMP PARTICIPANT

NAME OF PARTICIPANT:

AGE:

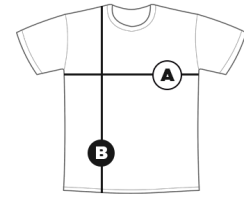
GENDER:
M / F

SCHOOL:

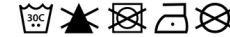
DIET CONSIDERATION & FOOD ALLERGIES:
NORMAL / VEGETARIAN / HALAL / OTHERS:

T-SHIRT SIZE:
XS / S / M / L / XL

Size	Width (A)	Length (B)
XS (3/4)	32 cm	42 cm
S (5/6)	36cm	46 cm
M (7/8)	40 cm	52 cm
L (9/11)	42cm	55 cm
XL (12/14)	45 cm	59 cm



Tolerance 1.27 cm 1.27 cm



ALLERGIES AND/OR REQUIRE MEDICATION:

MEDICAL DECLARATION

	NO	YES	If Yes, please give details (state medical condition, consulting doctor, current medical condition, etc)
1. Has your child / ward ever been told he/ she had symptoms of or suffered from or received treatment for any health problems such as (a) Stroke, high blood pressure, chest discomfort, heart murmur or any related disorder? (b) Asthma, chest or breathing complaints? (c) Fits or other disorders or disabilities not mentioned above? (d) Any other illnesses, operation or treatment in the past 5 years not mentioned above?	<input type="checkbox"/>	<input type="checkbox"/>	
2. Has your child / ward had or been advised to have any diagnostic tests such as: (a) X-ray, ECG, ultrasound, biopsy or blood screen? (b) Any other tests not mentioned above?	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	

FOR PARENT/LEGAL GUARDIAN

NAME:

RELATION TO CHILD:

HOME NO.:

MOBILE NO.:

EMAIL:

ADDRESS:

POSTAL CODE:

Booking and Payment Procedures

1. Completed booking form should reach us by **01 March 2019**.
2. Please email Booking Form to Illli_Suraya_MOHD_RAZALI@science.edu.sg and return the original copy with a crossed cheque made payable to **Science Centre Board** for the sum of SGD 428 (7% GST included) to:
c/o Illli Suraya
Science Centre Singapore
15 Science Centre Road,
Singapore 609081
3. Registration form and cheque can be mailed to the Science Centre or dropped off at the Visitor Services Centre during office hours before **01 March 2019**.

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Cancellation

1. # In the case of cancellation of camp, cheques will be returned.

Disclaimer

*Any person who takes part in Tinkventor Camp does so entirely at his/her own risk and shall be deemed to have understood the risks associated with Tinkventor Camp. Science Centre Singapore, their employees and agents will take all necessary precautions to ensure the safety of the participants but shall **not** be responsible for any death, personal injury or damage howsoever sustained or arising out of his/her participation in Tinkventor Camp. Science Centre Singapore shall, in any circumstances and at their sole discretion, provide such immediate first aid and/or medical treatment as it shall deem reasonable and at their expense. Any such immediate first aid and/or medical treatment rendered shall **not** be taken as an admission of liability in any way for any personal injury howsoever sustained or arising. Photographs taken during Tinker Camp may be used for future promotional materials (printed/ electronic) by Science Centre Singapore.*

Parent / Guardian Consent

I, _____ (parent / guardian), NRIC/FIN no. _____ acknowledge the information regarding the above mentioned activity and hereby * **give consent / do not give consent** to his/ her participation for the Tinkventor Camp held on 18 - 20 March 2019. I confirm that I am not aware of any medical conditions (other than those mentioned above) which may prevent my child/ ward from participating fully in all the activities.

Signature

Date