



Cambridge International School

presents

Technophilia '22

Create. Innovate. Inspire.

8th Annual IT Fete
September 30, 2022 (Friday)

www.cambridgeamritsar.com/technophilia

About!

A series of mind-boggling events where you are invited to take your experience from the past, execute the ideation in the present and thrive in your future endeavours.



What do we offer?

01 Intriguing Events

Variety of tech-events to participate in and showcase the skills

03 Lightning Talk

An expert talk on the latest trends in technology

02 Growth Hacks

All the event judges are professionals that will guide students

04 Networking

Compete against like-minded participants and make new friends



“Technology is best when it brings people together.”



—Matt Mullenweg



Events

- Web Jam
- Reverse Engineering
- Data Wave
- Mind Spark
- Connais Moi
- Technocrats
- Art Attack

Join us for a day full of mind-boggling competitions. Grab the chance to showcase your talent, competing with the best.



General Guidelines

FOR STUDENTS:

- Student must carry his/her school ID card at the time of registration. An application with the school stamp and signature of the Principal is also acceptable in this case. It is mandatory to show official photo identification proof.
- A student can participate in a single event as all the events will be conducted simultaneously.
- Students are not allowed to carry any electronic gadgets like smartphones, smartwatches etc.

FOR TEACHERS:

- For each event, a school can register as per the mentioned rules. (individual/team)
- Faculty member(s) are expected to accompany the students at school on the day of the event.
- Unauthorized appearance and interference of teacher/s will lead to disqualification of the concerned team.

HOW TO REGISTER:

Email the entries in excel format at info@cambridgeamritsar.com

01 Web Jam

(Website Designing)

For Classes: **VIII – XII**

Participation: **Individual** (Max. two registrations per school)

Rules and Regulations:

- Text editor (notepad++, sublime text and VS) will be used for writing code.
- HTML, CSS and Bootstrap 4 will be used to create a webpage. (PHP is optional)
- Pictures and content of the webpage regarding the topic will be provided to them. If students want to add some more text content (no hard copies or soft copies allowed) of their own, they can do so.
- One hour will be given for the task.
- Use of the internet is strictly prohibited.

01 Web Jam

(Website Designing)

Rubrics for Judgement:

- Content (20%)
- Code Quality (20%)
- Design Elements Used (20%)
- Navigation (20%)
- Creativity and Design (20%)

For queries regarding the event, kindly contact [Ms Ashu \(9876716778\)](tel:9876716778)

02 Reverse Engineering

(Problem Solving w/ Coding)

Who can participate: **Grade VIII – XII**

Mode of Participation: **Team of two** (Only one registration per school)

Rules and Regulations:

An .exe file will be provided to the participants. They need to run that file and give input. On the basis of the output received, they need to decode it and find out what the program is doing, and write a code for the same.

The problem will test the basic programming knowledge of the participants on their sequencing and decision-making capabilities.

- An exe file will be provided to the participant.
- The participant is free to execute that file n number of times without any restriction.
- The participant can use either C/C++, JAVA, JavaScript or Python for solving the problem.
- The programming language to be used is to be mentioned while registering for the event.
- One hour will be given to the student to solve the problem.

02 Reverse Engineering

(Problem Solving w/ Coding)

Rubrics for Judgement:

- Understanding of the problem (15%)
- Indentation & Coding conventions (20%)
- Code Quality (25%)
- Number of test cases successfully run (15%)
- Time Taken (25%)

For queries regarding the event, kindly contact [Ms Srishti \(7888686673\)](tel:7888686673)

03 Data Wave

(Data Analytics using MS Excel)

Who can participate: **Grade VI – VIII**

Mode of Participation: **Team of two** (Only one registration per school)

Rules and Regulations:

Data set will be provided to the participants related to a typical topic which they have to analyze and answer the questions. After they are done analyzing, they will have to prepare a report on the basis of the analysis done by them.

- Data Analysis is to be done using MS Excel 2019.
- Participants will be asked to prepare the analytical report using Microsoft Word 2019.
- Analytical report must be in English.
- Analytical report should be of minimum 2 and maximum 4 pages. It must include an innovative report name along with the participant's name and email address.
- 45 minutes will be given for the task.
- Use of the internet and manual calculations are strictly prohibited.

03 Data Wave

(Data Analytics using MS Excel)

Rubrics for Judgement:

- Analysis and Inferences (30%)
- Presentation (30%)
- Understanding of the problem (10%)
- Accuracy (20%)
- Time taken (10%)

For queries regarding the event, kindly contact [Ms Rupali \(7355206232\)](tel:7355206232)

04 Mind Spark

(Quiz)

Who can participate: **Grade IV – V**

Mode of Participation: **Team of two** (Only one registration per school)

Rules and Regulations:

- The quiz will be conducted in two rounds:
 - Preliminary screening round (based on computer GK and Microsoft Office)
 - Final round (Top 4 teams)
- Final round will be further categorized into multiple rounds in which questions will be asked on Computer GK, MS tools, famous personalities, Minecraft, trends in IT, scratch, etc.

For queries regarding the event, kindly contact **Ms Ritika (7814173105)**

05 Connais Moi

(Impersonification)

Who can participate: **Grade V – VII**

Mode of Participation: **Team of two** (Only one registration per school)

Rules and Regulations:

Participants will prepare a PowerPoint presentation on any of the following dignitaries:

Sundar Pichai

Neelam Dhawan

Aman Gupta

Kiran Bedi

Indra Nooyi

Sunny Vaghela

Pranav Mistry

Bill Gates

Steve Jobs

Elon Musk

Nikola Tesla

Ratan Tata

- One participant will present themselves dressed like the selected dignitaries and second will play the slide show
- All presentations preferably to be saved in Microsoft PowerPoint 2019. If you are using any other version of PowerPoint mention it while sending entries
- Sound effects are NOT allowed in the presentation
- Graphics ARE allowed in the presentation but animation effects are discouraged.
- You have to bring the presentation in the pendrive or email it at info@cambridgeamritsar.com 3-days prior to the event
- The presentation should be between 3-5 minutes

05 Connais Moi

(Impersonification)

Rubrics for Judgement:

- Content of presentation (15%)
- Images and layout of presentation (15%)
- Appearance according to the personality chosen (20%)
- Presentation and Confidence (30%)
- Gestures (20%)

For queries regarding the event, kindly contact [Ms Garima \(9877957773\)](tel:9877957773)

06 Art Attack

(Graphic Designing)

Who can participate: **Grade VIII – XII**

Mode of Participation: **Individual** (Max two registrations per school)

Rules and Regulations:

- Adobe Photoshop CS5 is to be used
- Topics will be given on the spot
- Participants can choose between the given list of topics
- Images related to the topics will be provided
- Participants can write their own content if required
- One hour will be given for the task
- Use of the internet will not be allowed

Rubrics for Judgement:

- Composition(30%)
- Theme (30%)
- Creativity(30%)
- Software Skills (10%)

For queries regarding the event, kindly contact **Mr Mandeep (9646166204)**

07 Technocrat

(Live Model Presentation)

Who can participate: **Grade VI – X**

Mode of Participation: **Team of two** (Max two registrations per school)

Rules and Regulations:

- A live model is to be presented
- Participants will be given 3-5 minutes to present the prototype. They can make use of PowerPoint presentations if they want to
- The live model can be in software or hardware form. It can be an *educational game*, or the implementation of a *smart kitchen*, depending upon the choice of the participant
- The topic of the working model is to be informed in advance at the time of registration
- Cross questioning will be done by the judges

Rubrics for Judgement:

- Prototype and Innovation (50%)
- Feasibility (20%)
- Presentation Skills (20%)
- Cross Questioning (10%)

For queries regarding the event, kindly contact **Ms Khushboo (9592767689)**

Register Now

If you have any questions?
Feel free to reach out to us.

Event Coordinators:

Ms Puja Viridi (9915 501 940)

Mr Sourabh (9217 574 416)

Mr Sukhsagar (7888 671 751)

Frontdesk: 9988 857 221

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