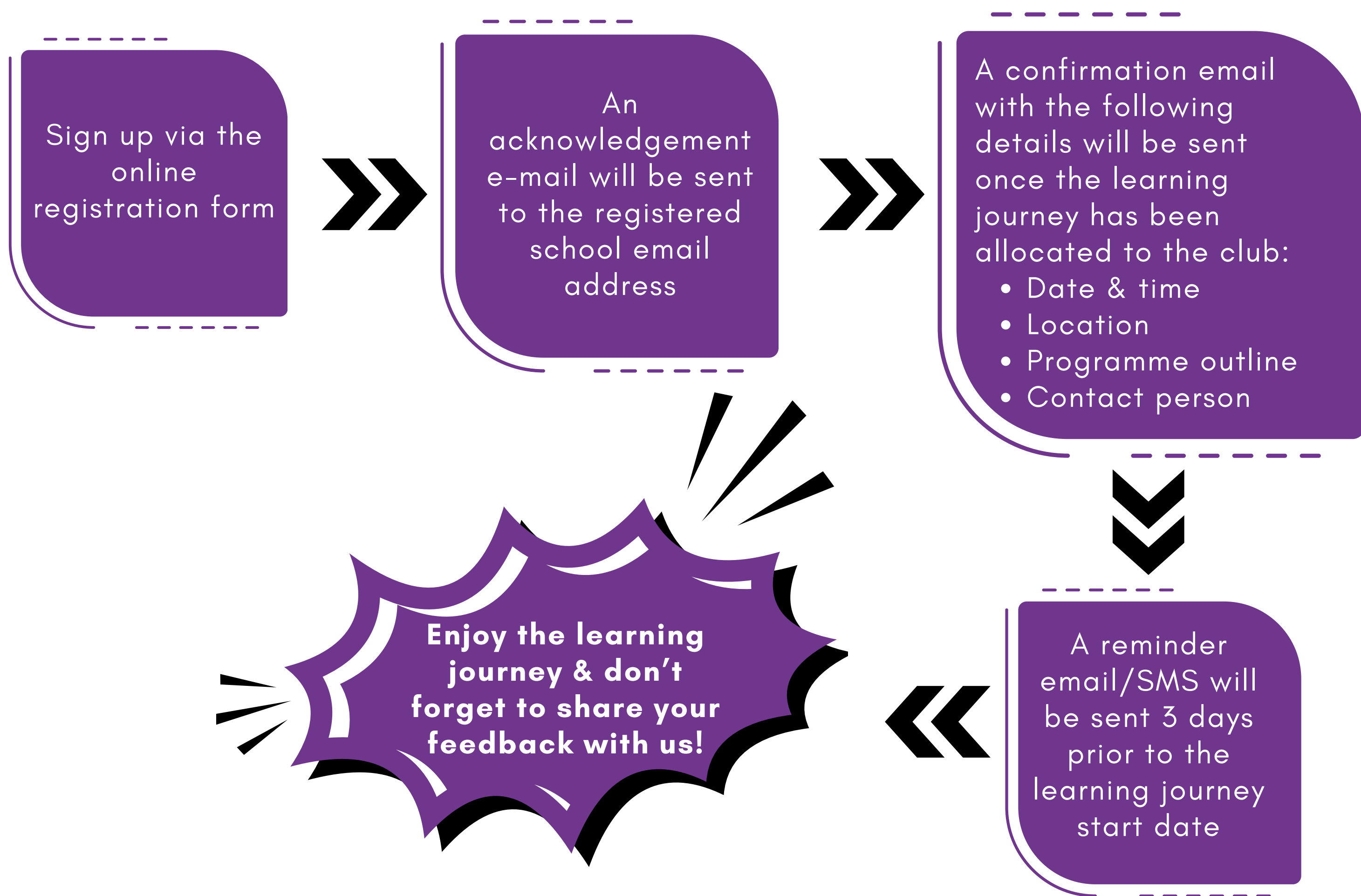


Learning Journeys 2024 Programme Guide

DISCOVER

DISCOVER Learning Journeys for 2024 are now open for registration!

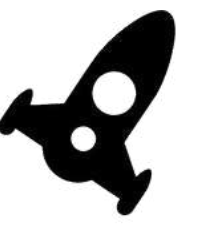


Get ready for amazing adventures! Join us on a learning journey that will broaden your students' horizons and immerse them in the world of cutting-edge emerging technologies.

Twelve different types of learning journeys will be available until 24 May, there's definitely something for everyone!

Slots are limited and allocated on a first-come-first-served basis.
Do sign up before 10 April 2024.

Please note: The DISCOVER experience is exclusively available to infocomm media-related clubs in Primary/Secondary schools and Junior Colleges.



IMMERSIVE MEDIA

EXPERIENCING IMMERSIVE MEDIA IN GAME DEVELOPMENT



Join us for an exclusive session on game development and immersive media applications with TrueWorld Studios (TWS) to gain firsthand insights into the industry and hands-on experience with immersive and interactive applications.

Get ready to explore the latest technologies and creative processes that bring games and immersive media to life.

Learning Journey Details

Time: 3pm to 5pm

Dates: April – 9, 11, 12, 24, 26

Open to: Secondary school and JC Students

Capacity: 25 students per school for each session

Venue: 25 Harrison Rd, #08-00, Singapore 369646



EXPLORE, EXPERIENCE AND GET EXCITED WITH VR

Step into the realm of virtual reality with Headrock VR! Embark on a journey where the possibilities are endless, from exhilarating roller coaster rides to epic space battles.

Explore the cutting-edge of immersive media and uncover the diverse applications of VR across different industries, all designed to transport you to a new dimension of excitement!

Learning Journey Details

Time: 3pm to 5pm

Dates: April – 8, 9, 11, 12, 15, 16, 17, 18, 19, 22, 23, 24, 25, 26, 29, 30 | May – 2, 3

Open to: Primary/Secondary school and JC Students

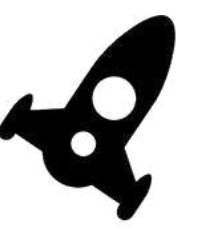
Capacity: 20 students per school for each session

Venue: 80 Siloso Road, Southside Blk B, #01-03, Singapore 098969

*Important Note

Schools attending learning journeys conducted in Sentosa are required to register for a waiver of the Sentosa Admission Fee, 1 week before the learning journey start date.

The waiver registration link will be provided in our follow-up email.



DIGITAL ANIMATION



IMMERSIVE MEDIA & ANIMATION IN FILMS

Get ready to uncover the exciting parallels between the creation of Sci-Fi blockbusters and Immersive Media & Games!

Join us for an exclusive session with TrueWorld Studios (TWS), a cutting-edge startup in immersive media. Gain firsthand insights into this dynamic industry and dive into hands-on immersive and interactive applications!

Learning Journey Details

Time: 3pm to 5pm

Dates: April – 15, 16, 29, 30 | May - 2

Open to: Secondary school and JC Students

Capacity: 25 students per school for each session

Venue: 25 Harrison Rd, #08-00, Singapore 369646



AERIAL CINEMATOGRAPHY



STORYTELLING IN THE SKIES

Bring your filmmaking skills to new heights with drones! Join us for an exhilarating outdoor workshop where you'll discover how drones have transformed visual storytelling.

Drone specialist from 65drones will be sharing how stunning angles can be captured to enhance your filmmaking skills.

Learning Journey Details

Time: 2:30pm to 5pm

Dates: April - 29, 30 | May - 2, 3, 6, 8

Open to: Secondary school and JC Students

Capacity: 20 students per school for each session

Venue: Your school compound or Unmanned Aircraft Flying Area, Pandan Reservoir, 11 Penjuru Rd, Singapore 609159

Important Note

1. The workshop can **ONLY** be held at your school if your school is **NOT** in a no-fly zone. Please check One Map (<https://www.onemap.gov.sg/#/DroneInfo>) to verify if your school is in a no-fly zone. If your school is in a no-fly zone, the workshop will take place at Pandan Reservoir UAFA
2. The session will be rescheduled or cancelled in the event of indication of bad weather in the vicinity based on NEA weather forecast for the week
3. In the event of unexpected bad weather,
 - a. if the workshop is conducted at your school (**NOT** in no-fly zone), it will feature indoor activities such as flying mini drones. The school will need to provide the following:
 - 2 x Microphones
 - Projector and screen
 - Enclosed indoor space, eg: classroom
 - b. If the workshop is conducted at Pandan Reservoir, an alternative program involving paper planes will take place to expose students to aerodynamics



CONTENT CREATION



GET CREATIVE WITH CONTENT CREATION

Elevate your media skills and take your infocomm media club to a whole new level at our exciting content creation workshop led by The Smart Local.

Gain valuable insights into the media industry, learn insider production tips and tricks, get hands-on experience with ideation and storyboarding, and dive into studio work to bring your creative visions to life!

Learning Journey Details

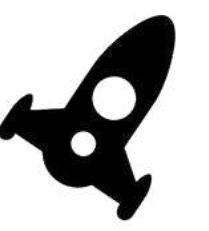
Time: 3pm to 5pm

Dates: April - 8, 12, 15, 19, 22, 26, 29

Open to: Secondary school and JC Students

Capacity: 30 students per school for each session

Venue: 219 Kallang Bahru, #04-00 Chutex Building, Singapore 339348



ARTIFICIAL INTELLIGENCE



VR MINECRAFT X AI

Embark on an unforgettable journey with Zenit! Dive into the virtual world of Minecraft using VR goggles, explore the fascinating realm of artificial intelligence, and unleash your creativity in this immersive workshop designed for primary school students.

Learning Journey Details

Time: 3pm to 5:30pm

Dates: April – 8, 9, 11, 12, 15, 16, 17, 18, 19, 22, 23, 24, 25, 26, 29, 30 |

May - 2, 3, 6, 7, 8, 9, 10, 13, 14, 15, 16, 17

Open to: Primary school students

Capacity: 25 students per school for each session

Venue: Your school's indoor premise

Important Note

To ensure the successful conduct of the VR Minecraft x AI Workshops at schools' premises, schools will need to provide the following:

- 5 x movable tables and 5 x chairs
- Projector, screen and speakers
- Cool, indoor, enclosed and wifi accessible venue with minimal furniture



NAVIGATING AVIATION'S DIGITAL FRONTIER

Step into the world of aviation with Boeing's Training Solutions and Digital Aviation Solutions team! Get hands-on with a B787 simulator, explore Maintenance Training Classrooms, and witness the latest in digital aircraft training technology for maintenance and repairs.

This workshop offers a rare opportunity to experience the future of aviation firsthand, making it a must-attend for students looking to explore the cutting-edge intersection of technology and aviation.

Learning Journey Details

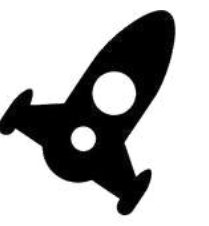
Time: 3pm to 5:30pm

Dates: April - 19

Open to: Secondary school and JC Students

Capacity: 30 students per school for each session

Venue: 30 Changi North Rise, #01- 01 Singapore 498780



ROBOTICS



DISCOVER THE REALM OF ROBOTICS

Students will be introduced to the realm of robotics through hands-on experiences with modular robots, robot dogs, exoskeletons, delivery robots, and more. Ignite students' curiosity, unleash their creativity, and sharpen their problem-solving skills as they immerse themselves in engaging interactive activities on this journey with Weston Robot.

Learning Journey Details

Time: 3pm to 5:30pm

Dates: April - 12, 17, 19, 24, 26

Open to: Primary/Secondary school and JC Students

Capacity: 40 students per school for each session

Venue: 55 Ayer Rajah Crescent, #03-05, Singapore 13994



INNOVATIVE ENGINEERING SOLUTIONS

Come interact, and hear from Hope Technik's engineers - the local SME behind SCDF's Red Rhino and bespoke solutions like Chef Roboto to learn how robots are designed and engineered to solve real-life problems. Students will also get to go behind the scenes and try programming robotic solutions with Rocket Labs.

Learning Journey Details

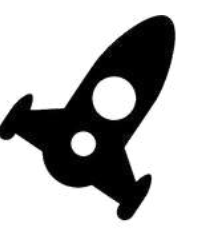
Time: 3pm to 5pm

Dates: April - 8, 17, 22, 24, 29 | May - 6, 13

Open to: Secondary and JC students

Capacity: 20 students per school for each session

Venue: 6 Penjuru Close, Singapore 608614



DRONES



DESIGNING AERIAL SHOWS

Experience the thrill of programming a swarm of drones and creating mesmerizing light shows with drone specialist from 65drones!

Join us to gain a 'live' first-person view from a drone technologist, learn the methods to plan and design drone light shows, and get hands-on practice to choreograph your own captivating aerial spectacle.

Learning Journey Details

Time: 2:30pm to 5pm

Dates: April - 8, 11, 15, 17, 18, 22, 24, 25 | May - 2, 3, 6, 7, 8, 9, 10, 13, 14, 15, 16, 17

Open to: Primary/Secondary school and JC Students

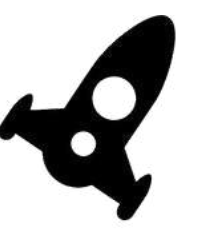
Capacity: 20 students per school for each session

Venue: Your school's indoor premise

Important Note

To ensure the successful conduct of the Drone workshops at schools' premises, schools will need to provide the following:

- 2 x Microphones
- Projector and screen
- Indoor enclosed venue with high ceiling Eg. School Hall, Indoor Sports Hall
- Able to occupy 20 students with at least 5m by 5m bare space for the swarming flight map



DRONES



DRONES ADVENTURES

Let your drone flying skills soar higher with GSA at this workshop on Drones Flight Training using Chromebooks! Learn a unique approach to piloting drones, beyond traditional apps and controller. Dive into the world of basic Python programming tailored for conquering various autonomous flight tasks.

Sign up now and get ready to take flight like never before!

Learning Journey Details

Time: 2pm to 4pm

Dates: April – 9, 11, 12, 16, 17, 18, 19, 23, 24, 25, 26, 30 | May - 2, 3, 8, 10, 13, 14, 17, 21, 23

Open to: Primary/Secondary school and JC students

Capacity: 20 students per school for each session

Venue: Your school's indoor premise

Important Note

To ensure the successful conduct of the Drone workshops at schools' premises, schools will need to provide the following:

- 2 x Microphones
- Projector and screen
- School guest WiFi
- Indoor enclosed venue with high ceiling Eg. School Hall, Indoor Sports Hall
- Able to occupy 20 students with at least 5m by 5m bare space for the Drones flight map.



DIGITAL FABRICATION



DIVE INTO DIGITAL FABRICATION

Unleash your creativity at Vivistop Kampong Eunos, VIVITA Singapore's makerspace. Explore the basics of digital fabrication and cutting-edge tools, witnessing real-world applications.

Participate in a making activity and take home a personalized creation. Join us for an exciting workshop and dive into the world of digital fabrication!

Learning Journey Details

Time: 3pm to 5pm

Dates: April – 17, 24, 26 | May - 3, 8, 15, 20

Open to: Primary school students

Capacity: 20 students per school for each session

Venue: Vivistop Kampong Eunos, 10 Kampong Eunos, Singapore 417775