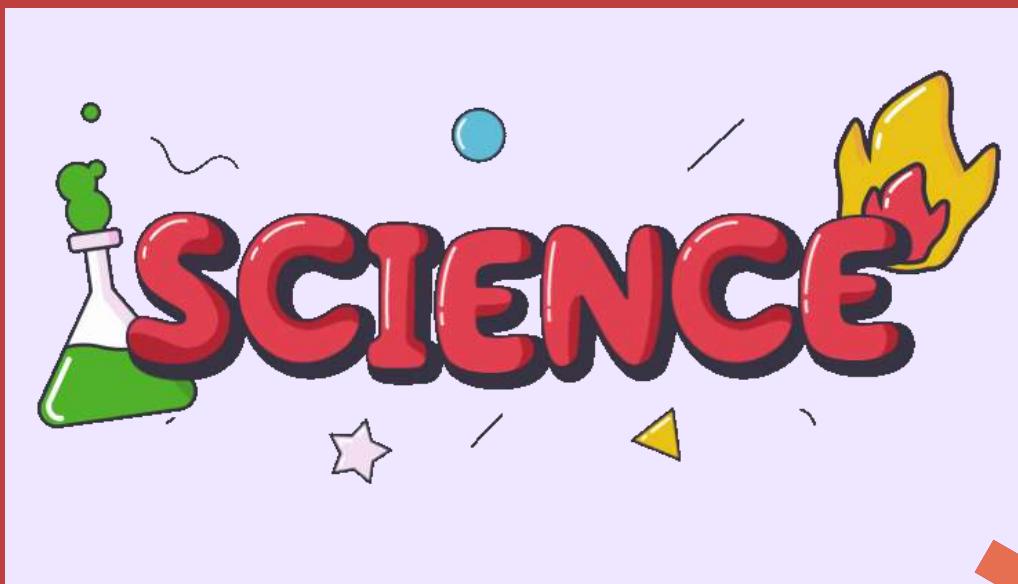
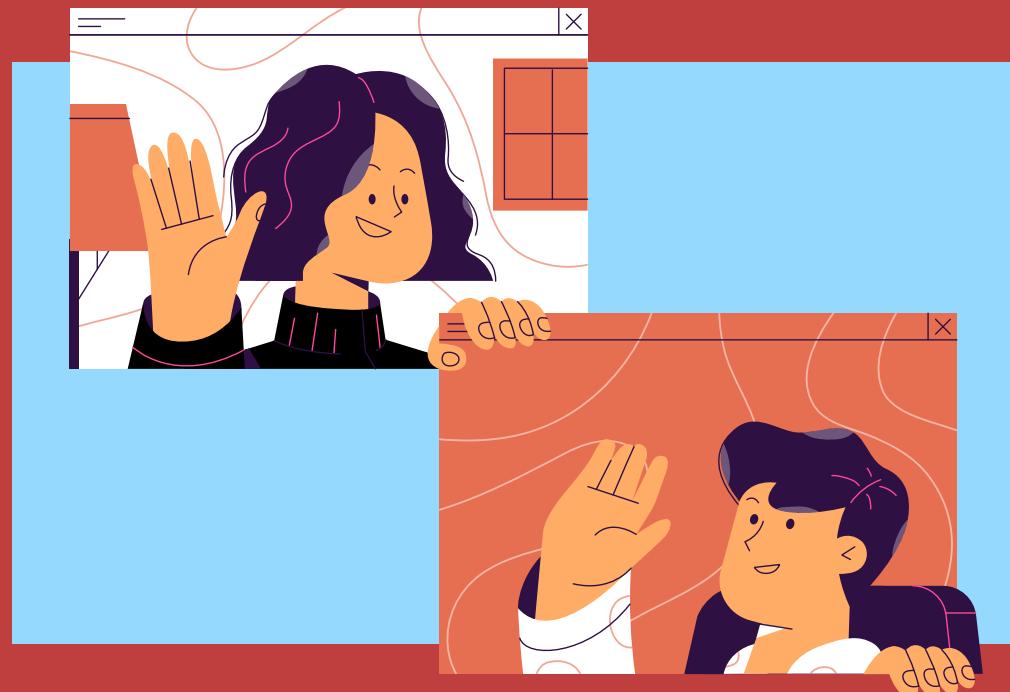


ASRJC-NTT HIGH SCHOOL Online EXCHANGE PROGRAMME



PROGRAMME OUTLINE

Item	Duration	Remarks/Details
Setting up Zoom and Welcome	10 min	
Introduction by ASRJC students	25 min	<ul style="list-style-type: none"> • Singapore culture • Education landscape in Singapore • Life as a student in ASRJC
Introduction by NTT High School students	25 min	<ul style="list-style-type: none"> • Vietnam culture • Education landscape in Vietnam • Life as a student in NTT High School
STEM Sharing by ASRJC students & Project Showcase	20 min	<ul style="list-style-type: none"> • Students' experiences in ASRJC STEM Co-Curricular activities (CCA) • Showcase one project and learning points from their science research project journey
Science Research Sharing by NTT High School students & Project Showcase	20 min	<ul style="list-style-type: none"> • Students' science research experiences in NTT High School • Showcase one project and learning points from their science research project journey
Q&A Interactive Segment	20 min	

SHARING BY ASRJC



-  **SINGAPORE'S CULTURE**
-  **EDUCATION IN SINGAPORE**
-  **LIFE AS A STUDENT IN ASRJC**
-  **EXPERIENCES IN OUR STEM CCA**
-  **PROJECT SHOWCASE**

Join at
slido.com
#9732 8227





-----FAMOUS ATTRACTIONS IN SG TO VISIT-----



—————MERLION: MEET SG'S MYTHICAL NATIONAL ICON—————



DID YOU KNOW?

FACES EAST – BELIEVED TO BE A DIRECTION THAT BRINGS
PROSPERITY – PRESERVED EVEN AFTER RELOCATION TO THE
MERLION PARK IN 2002



- **FISH BODY** = ORIGINS AS TEMASEK — CAME FROM THE WORD TASEK ('LAKE' IN MALAY)
- **HEAD** = ORIGINAL NAME OF 'SINGAPURA' (LION CITY IN SANSKRIT)
- LEGEND SAYS PRINCE SANG NILA UTAMA LANDED ON OUR SHORES DUE TO A STORM AT SEA AND SAW A LION NEAR THE MOUTH OF THE SINGAPORE RIVER
- **NAMING SINGAPORE 'SINGAPURA'**

-----SENTOSA ISLAND: THE STATE OF FUN-----



2



4



- KNOWN AS A BRITISH MILITARY FORTRESS BUT AFTER WW2, ISLAND RENAMED "SENTOSA" = "PEACE AND TRANQUILLITY" IN MALAY
- HAD TRANSFORMED INTO A BELOVED ISLAND RESORT
- CONSISTS OF TROPICAL BEACHES, LUXURIOUS HOTELS AND THRILLING ATTRACTIONS:

1. UNIVERSAL STUDIOS SINGAPORE

- THEME PARK FEATURING 28 RIDES, SHOWS & ATTRACTIONS IN 7 THEMED ZONES

2. S.E.A. AQUARIUM

- OBSERVE MORE THAN 100,000 UNDERWATER ANIMALS FROM 1,000 AQUATIC-SPECIES

3. CABLE CAR SKY NETWORK

- TAKE A RIDE TO EXPERIENCE A BIRD'S-EYE VIEW OF SENTOSA ISLAND AND MOUNT FABER

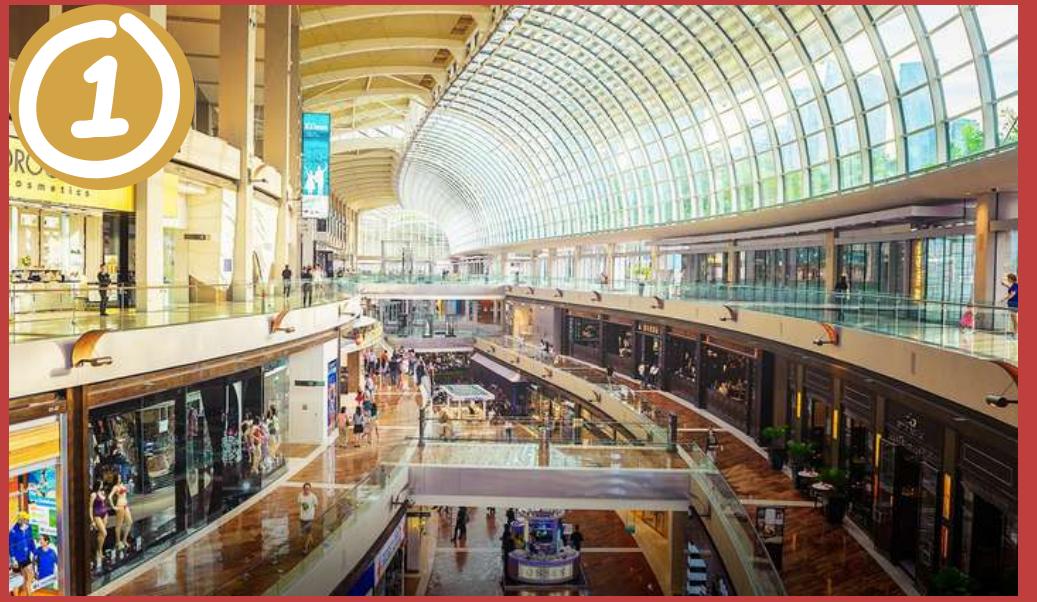
4. iFLY SINGAPORE

- WORLD'S LARGEST WIND TUNNEL FOR INDOOR SKYDIVING

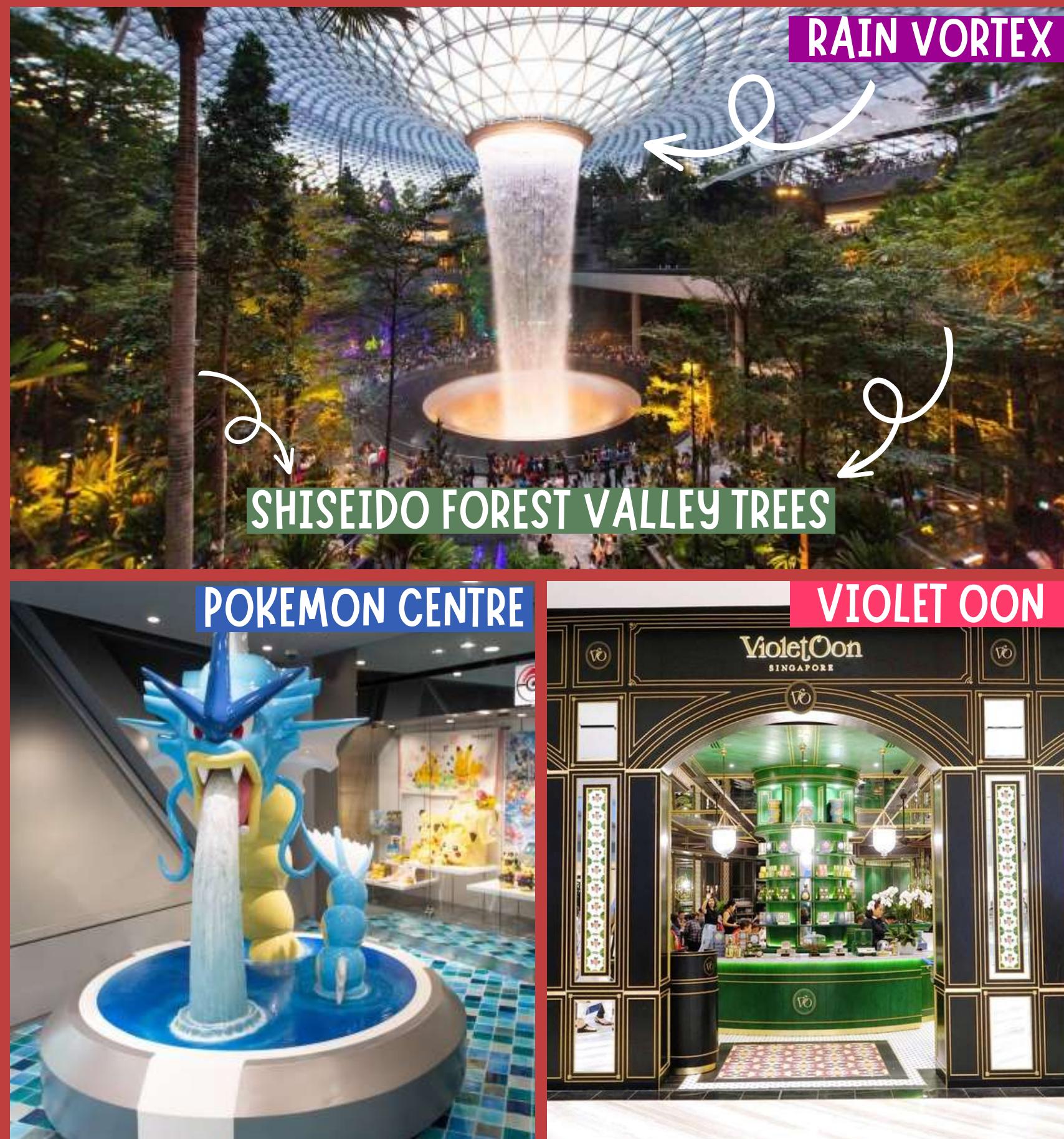
MARINA BAY SANDS: ICONIC INTEGRATED RESORT

- NOTABLE FOR TRANSFORMING SG SKYLINE
- 3 55-STORY TOWERS OF EXTRAVAGANT HOTEL ROOMS AND LUXURY SUITES WITH PERSONAL BUTLER SERVICES

1. **THE SHOPPES** – PREMIUM SHOPPING PARADISE
2. **CELEBRITY CHEF RESTAURANTS** – FINE DINING. DINE TO HEART'S DELIGHT
3. **ARTSCIENCE MUSEUM™** – EDUCATIONAL EXHIBITIONS IN ARTS & SCIENCES
4. **SANDS THEATRE** – FEATURES STUNNING PERFORMANCES & WORLD-CLASS ENTERTAINMENT
5. **SANDS SKYPARK®** OVER 3 TOWERS – VISIT OBSERVATION DECK / TAKE A SWIM IN ROOFTOP INFINITY POOLS AS A HOTEL GUEST.

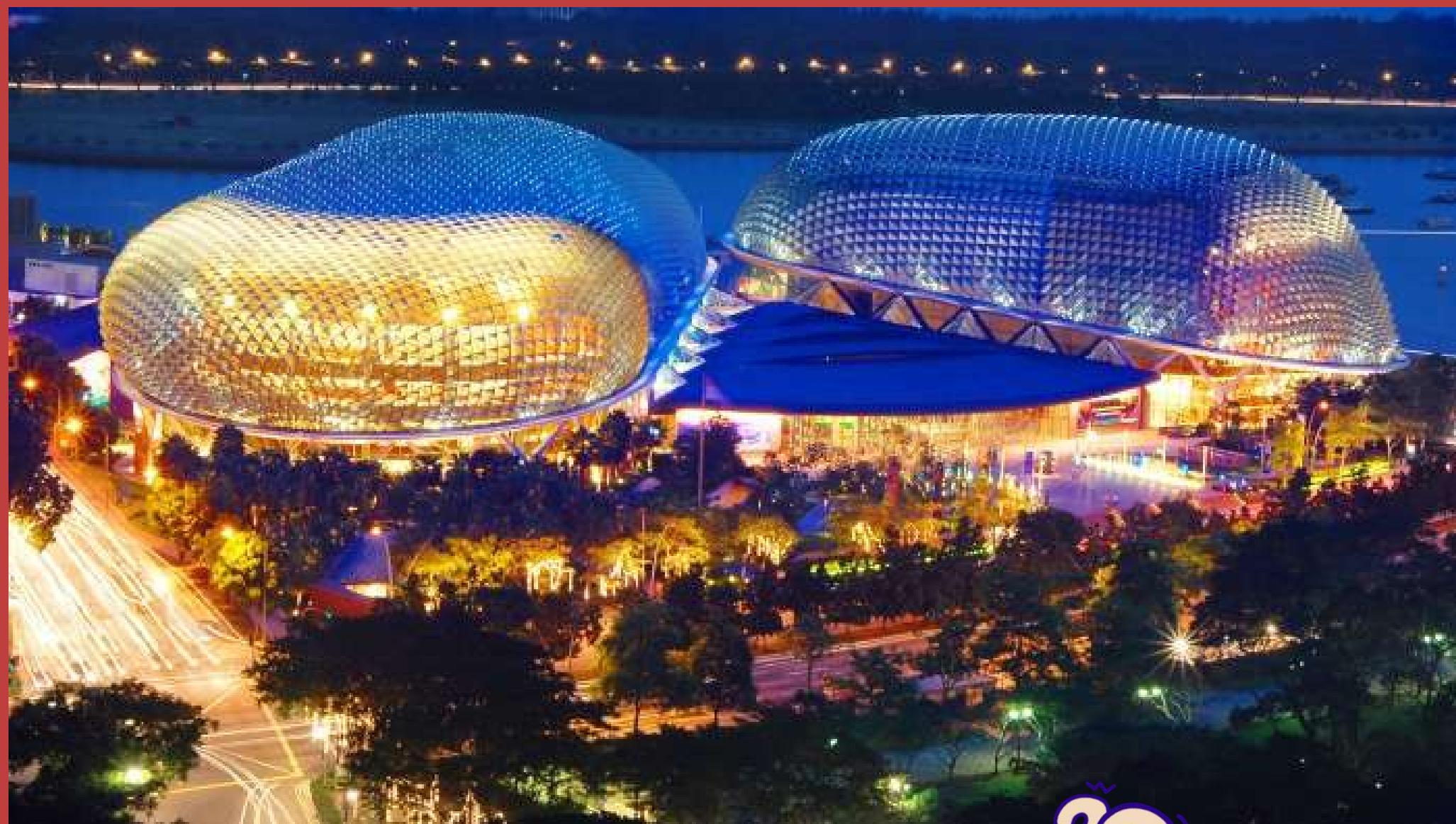


—JEWEL CHANGI AIRPORT: SPARKLING LIFESTYLE GEMS—



- SCRUMPTIOUS FARE + WORLD-CLASS RETAIL + ARTISTRY + LUSH NATURE = URBAN OASIS
- 1. MARVEL AT THE 40M-HIGH RAIN VORTEX—THE WORLD'S LARGEST INDOOR WATERFALL
- 2000 TREES IN FOREST VALLEY
- FOGGY BOWLS—MIST-FILLED PLAY AREAS THAT EVOKE THE ILLUSION OF PLAYING AMIDST THE CLOUDS
- 14,000 SQ METRES ROOFTOP PARK FOR GARDENS, WALKING TRAILS AND PLAY ATTRACTIONS
- 2. RETAIL: A REGAL SELECTION OF WORLD-FAMOUS BRANDS AND LOCAL ARTISANSHIP (NIKE & POKEMON CENTRE)
- 3. FOOD: A RANGE OF GLOBAL AND LOCAL FARE WITH OVER 80 F&B OUTLETS (SHAKE SHACK, A&W AND VIOLET OON)

-----ESPLANADE: THEATRES ON THE BAY-----



DID YOU KNOW? 

MADE OF 2 ROUNDED GLASS DOMES FITTED WITH OVER 7000



ALUMINIUM SUNSHADES

=> SPIKY THORNS LED LOCALS TO DUB IT AS 'DURIAN'

- WORLD-CLASS **PERFORMING ARTS CENTRE** - **1,600-SEAT CONCERT HALL, A 2,000-SEAT THEATRE AND SEVERAL INTIMATE PERFORMANCE VENUES**
- HOSTED MANY **HIGH-PROFILE EVENTS & PERFORMANCES**
- **ESPLANADE MALL** - 3 STOREY WITH RESTAURANTS, CAFES & RETAIL OUTLETS - SHOP FOR DIVERSE GOODS
- **60 MIN ESPLANADE GUIDED TOUR** - CONCERT HALL, THEATRE AND OTHER FRONT-OF-HOUSE FACILITIES - UNDERSTAND ACOUSTICS, ARCHITECTURE, HISTORY AND CONTRIBUTION TO SG'S ART SCENE

GARDENS BY THE BAY: NATURE SANCTUARY



DID YOU KNOW?

THE PLANTS & FLOWERS ARE FROM 5 CONTINENTS (1000-YEAR OLD OLIVE TREES, MAGNOLIAS & ORCHIDS)

1. FLOWER DOME (BAY SOUTH GARDENS)

- 1.28 HECTARES – WORLD'S LARGEST GLASS GREENHOUSE IN 2015

2. CLOUD FOREST

- MIST-FILLED LANDSCAPE OF RARE VEGETATION (FERNS & PITCHER PLANTS) & DRAMATIC VISTAS
- CLOUD MOUNTAIN – 35-METRE TALL STRUCTURE VEILED IN MIST, COVERED IN LUSH VEGETATION

3. SUPERTREE GROVE

- SUPERTREES – A GROVE OF VERTICAL GARDENS (25 – 50M TALL) – 2 CONNECTED BY ARCH OF THE OCBC SKYWAY
- AT NIGHT, LIGHTS UP WITH THE GARDEN RHAPSODY
- ASCEND TO THE TOP OF THE 50M HIGH SUPERTREE OBSERVATORY TO VIEW AN UNOBSTRUCTED VISTA OF THE BEAUTIFUL MARINA BAY DISTRICT

SINGAPORE FLYER: WHEEL OF SCENERY



DID YOU KNOW?

- FEATURED IN THE REALITY TV SHOW, THE AMAZING RACE IN 2010 WHEN A TEAM HAD TO CLIMB FROM 1 CAPSULE TO ANOTHER
- STARRED IN THE AMAZING RACE AUSTRALIA IN 2011

- GIANT OBSERVATION WHEEL OFFERS 360° CITY VIEWS
- HIGHEST: 165 METRES ABOVE GROUND, OR AS HIGH AS 42 STOREYS
- 28 FULLY AIR-CONDITIONED GLASS CAPSULES, AND BE TRANSPORTED ON A 30-MINUTE JOURNEY OF STUNNING DAY AND NIGHT SCENES.
- FROM THIS GLORIOUS VANTAGE POINT, ABLE TO VIEW ICONIC AND HISTORICAL SIGHTS
- ENJOY FUN EXPERIENCES:
 1. FULL BUTLER SKY DINING EXPERIENCE WITH 4-COURSE MEAL
 2. PILOT FLIGHT EXPERIENCE TO TRY 1ST REAL 737 SIMULATOR



Different cultures in Singapore



Chinese



CHINATOWN



DID YOU KNOW?

Chinatown is commonly known in Mandarin as Niu Che Shui which mean "bullock-drawn water carriage"

- A district with many thriving places of worship, Chinatown is home to a multitude of cultural practices, religions and inspiring architecture.
- Streets are lined with beautifully preserved traditional shophouses, intricate Chinese motifs, and adorned with vibrant red lanterns
- There is also a mural along Amoy Streets which has many fanciful drawings on it!



CHINESE CUISINE



Char Kuey Teow

Hainanese Chicken Rice



FESTIVALS



Chinese New Year



- Falls between late January to mid-February
- City-state is adorned with vibrant decorations.
- Families also spring clean their homes to sweep away any bad luck from the past year as a custom.
- On the eve of CNY, families gather for a reunion dinner, where traditional dishes are served.
- Visits to relatives and friends, exchanging of red packets filled with money, and participating in lion and dragon dances.

Malay

KAMPONG GELAM



DID YOU KNOW?

Around 7 pm, the golden domes at the Masjid Sultan (Sultan Mosque) will glow and even change colours!



- Hub of culture and commerce
- Head to Kampong Gelam and spot the golden dome of Sultan Mosque, as seen from the arches of the iconic Sultan Gate.
- Explore numerous art galleries and cultural institutions, such as the Malay Heritage Centre and the Aliwal Arts Centre
- Haji Lane is also home to live music bars, hip fashion outlets and boutiques

— CUISINE —

Satay



Nasi Lemak

FESTIVALS



Hari Raya Aidilfitri

- Significant religious holiday celebrated by Muslims worldwide
- A time of joy and celebration, marking the end of the month-long fasting period of Ramadan
- Festivities begin with the sighting of the new moon, and the holiday typically lasts for three days.
- During this time, Muslims in Singapore visit family and friends to seek forgiveness, exchange greetings, and enjoy traditional festive foods.
- Geylang Serai Bazaar,
 - Vendors sell traditional Malay cuisine, snacks, and festive items. The bazaar is also home to a carnival with funfair rides and games for all ages.

Indian

LITTLE INDIA



DID YOU KNOW?

In Little India, there are shops catering to Chinese culture as well as places of worship for several religions

- Pick up a bargain or feast on great food in the streets and alleys of historic Little India.**
- Mustafa Centre, a 24hr shopping mall that offers a wide range of products at affordable prices**
- The Sri Veeramakaliamman Temple, located in the heart of Little India, is dedicated to Kali, a protector goddess and destroyer of evil**

— CUISINE —

Prata
Herbs
and
spices



Thosai
Nasi
Biryani



FESTIVALS

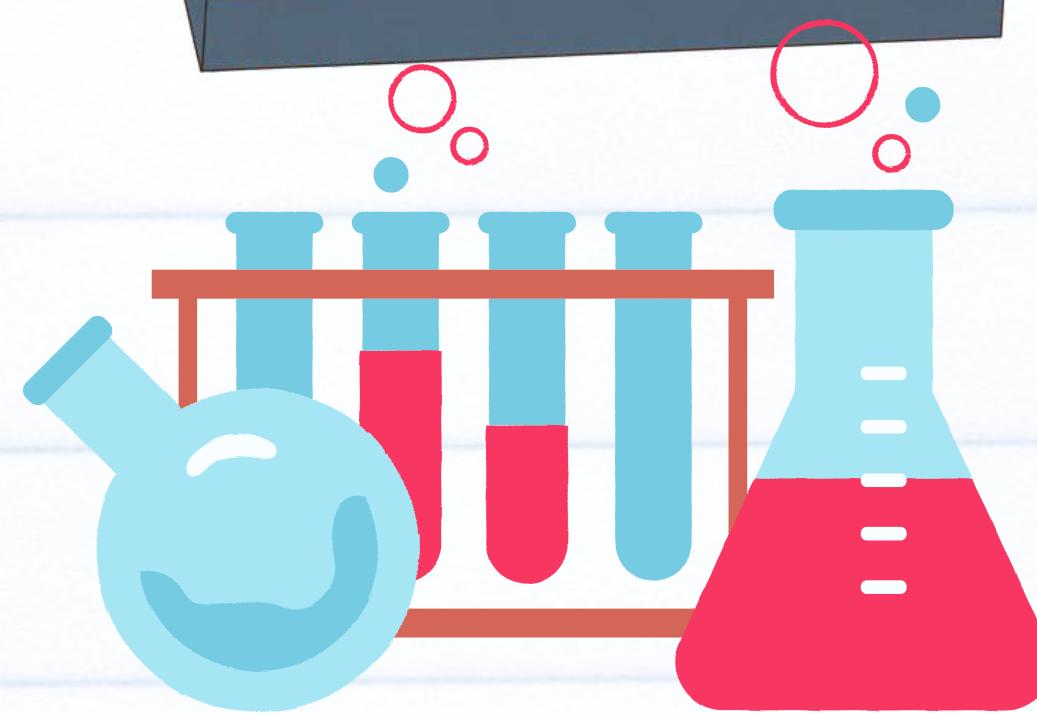
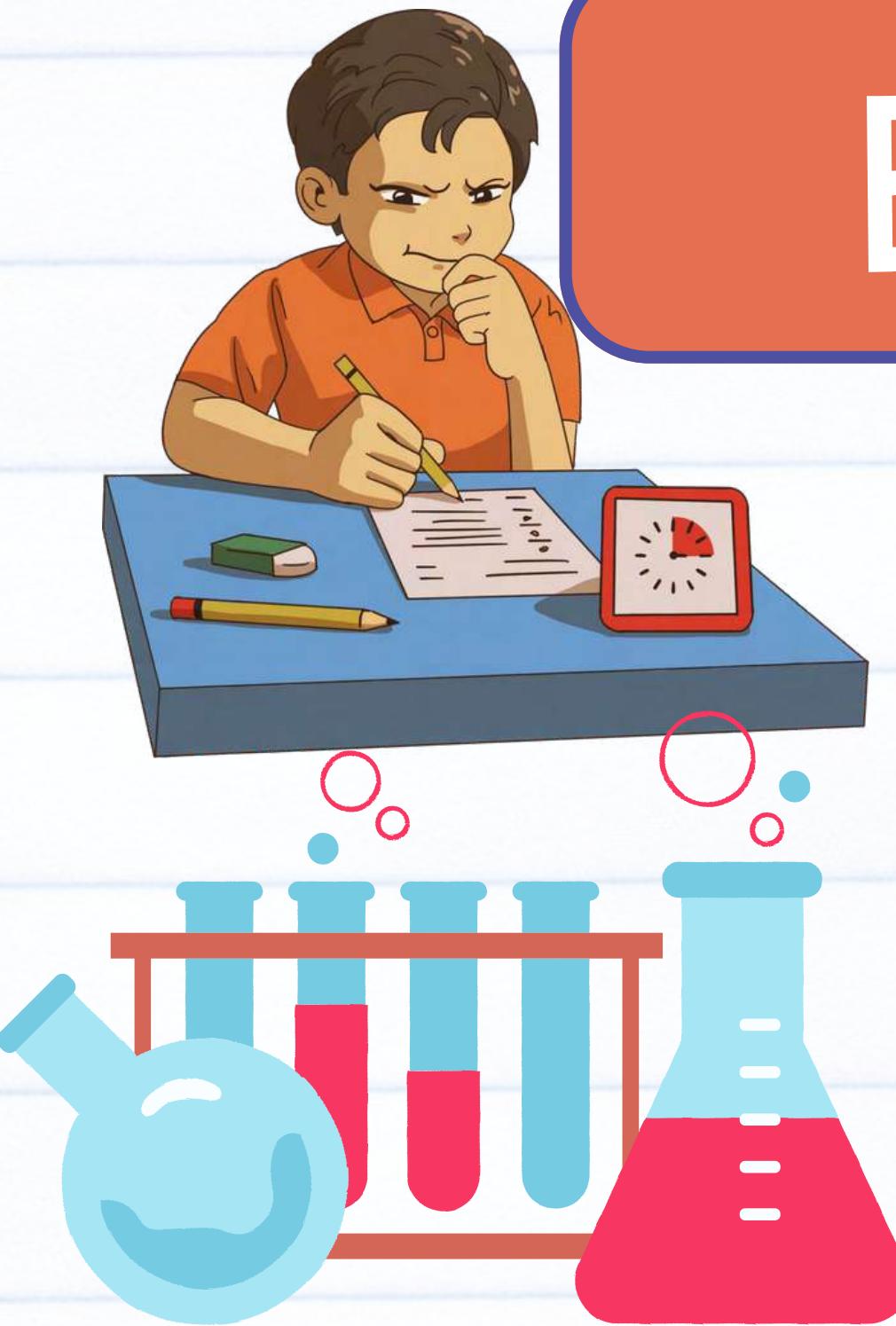


Serangoon Rd

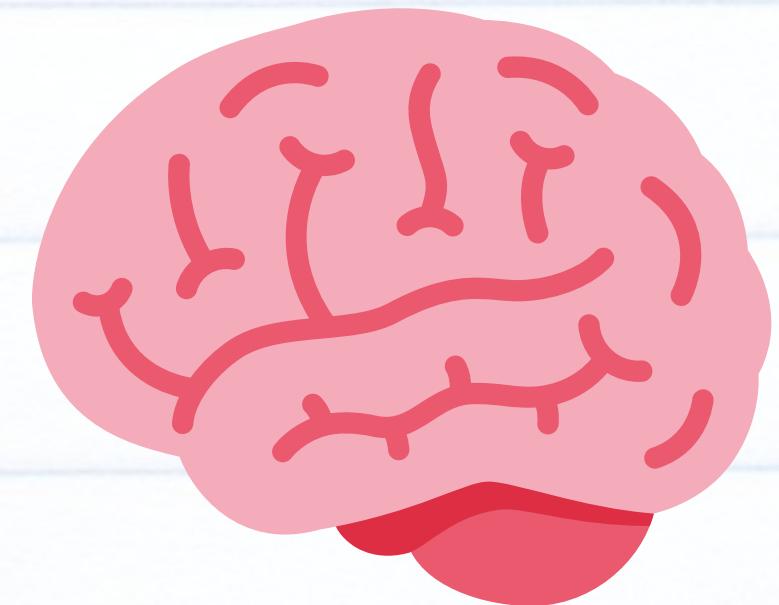
Rangoli

Deepavali

- Also known as Diwali, it is a major Hindu festival worldwide
- Festival of Lights
- People decorate their homes with colorful lights, lamps, and rangoli designs, and prepare traditional Indian sweets and savory snacks.
- Annual street light-up along Little India
- Vibrant and bustling markets



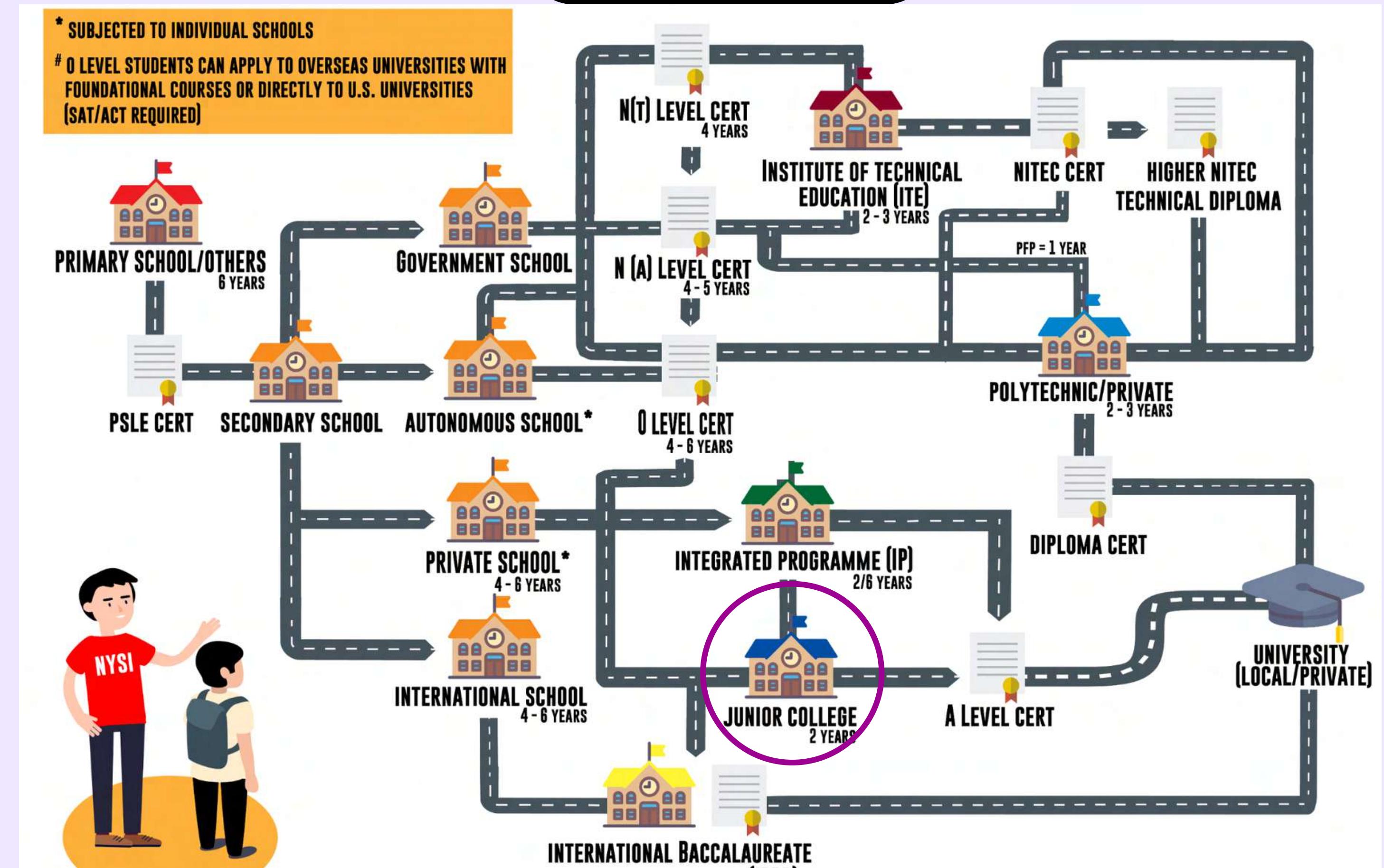
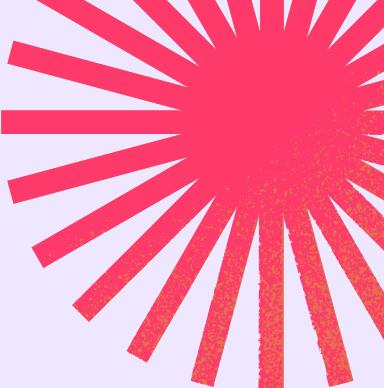
EDUCATION



1. Academic Education
2. Non- Academic Education
3. Education Policies



ROADMAP





1

PRIMARY

4 Core subjects

English Language,
Mother Tongue
Language, Maths
and Science

PSLE curriculum

Students sit for the
PSLE exams

6 years

to complete the
PSLE curriculum
before moving onto
secondary school



SECONDARY

Streaming

Express, Normal Academic, Normal Technical based on your child's PSLE score

Sec 2 streaming

Students will choose the subjects they are going to sit for the O levels

4 to 5 years

4 years: All streams
5 years: For NA students moving to secondary 5



③

TERTIARY EDUCATION

Junior College

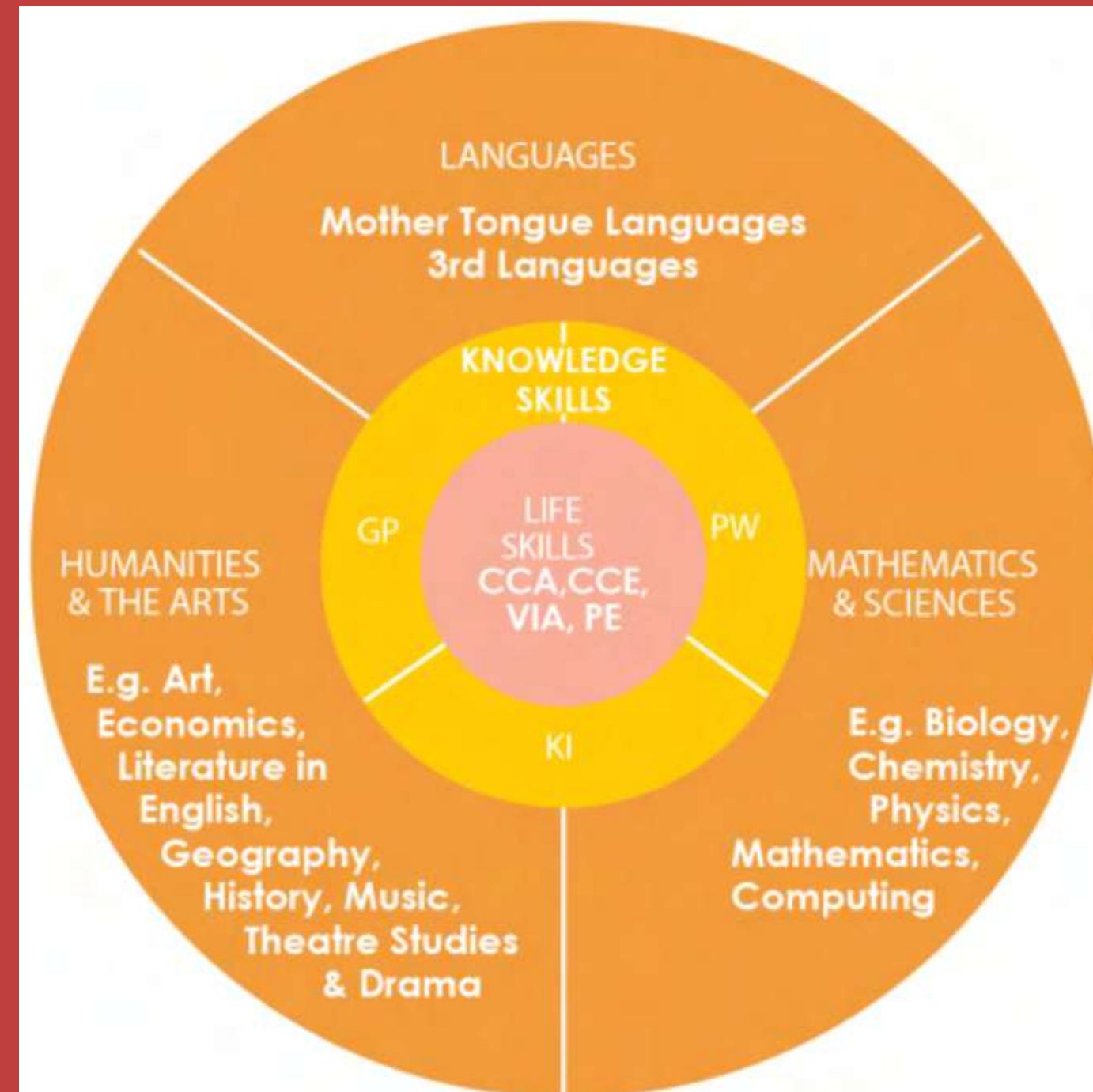
2-year path before
A levels
examinations

Polytechnic

3 years course

ITE

offers nitec and
higher nitec of both
2 years to complete
respectively



Singapore-Cambridge 'A' Level Applicants with 'A' / 'AO' Results

Single Degree Programme	Subject Pre-requisites	Selection test/interview
*Architecture	At least an O grade attained for one of the following 'A' Level subject: • Mathematics, Physics, Physical Science or Chemistry; <i>OR</i> • 'AO' Level pass in Mathematics; <i>OR</i> • 'O' Level pass in Additional Mathematics	Yes
Business Administration	'AO' Level pass in Mathematics; <i>OR</i> Pass in 'O' Level Additional Mathematics	No
Business Administration (Accountancy)	'AO' Level pass in Mathematics; <i>OR</i> Pass in 'O' Level Additional Mathematics	No
Business Analytics	'A' Level pass in Mathematics	No
Computer Engineering	'A' Level pass in Mathematics and either Physics, Computing or Chemistry <i>Students without 'AO' or 'A' Level Physics would need to have an 'O' Level pass in Physics or its equivalent and would be required to take Physics bridging modules.</i>	No
Computer Science	'A' Level pass in Computing, Mathematics or Physics	No
Data Science and Economics	Very good pass in 'A' Level Mathematics	No
Dentistry*	'A' Level pass in Chemistry and either Biology or Physics	Yes
Engineering	'A' Level pass in Mathematics or Further Mathematics Please refer to https://cde.nus.edu.sg/ for details.	No
Environmental Studies	Please refer to https://chs.nus.edu.sg/programmes/bes/ for details. <i>Students who do not have a pass in 'A' Level Biology (or equivalent) are to read the bridging module in Biology, LSM1301, upon successful admission to the programme.</i>	No
Food Science and Technology	Good pass in 'A' Level Chemistry and either Biology, Computing, Mathematics or Physics	No
Humanities and Sciences	Please refer to https://chs.nus.edu.sg/programmes/#prog-majors for details.	No

Subject Combinations

University Courses



Non Academic

Character and Citizenship Education



Core Values

Foundation of Character

Provide compass for character

Social and Emotional Competencies

skills, knowledge and dispositions that enable students to:

- a) Manage self and relationships effectively
- b) Make responsible decisions

Skills related to Citizenship that enable students to:

- a) Function effectively as active citizens
- b) Stay rooted to Singapore

Co-Curricular Activities



- Promote All Rounded Development in Students
- Allow students to discover and pursue their interests
- Consists of 4 Categories:
 - 1.Clubs & Societies
 - 2.Physical Sports
 - 3.Uniformed Groups
 - 4.Visual & Performing Arts



Education Policies



Edusave Scheme



Edusave Account

- Created automatically for Singapore Citizens
- Money deposited annually
- Funds to pay for approved fees and school-based enrichment programme charges

Edusave Awards

- Edusave Academic Awards
- Edusave Character Award
- Edusave Skills Award (ITE, Poly)
- Edusave Award for Achievement, Good Leadership and Service [EAGLES]

Full Subject Based Banding

- Piloted across 28 secondary schools starting from 2020
- Allowed students to take English, Maths, Science and Mother Tongue at a more demanding level depending on their PSLE Score
- Those who do well in school based assessments in these subjects can also take that subject at a more demanding level



Blended Learning

- Personal Learning Devices
- A mix of home-based and in-school activities
- provide students with more opportunities to learn at their own pace and to be empowered to take charge of their learning
- allow students to pursue their own interests and learn outside of the curriculum.

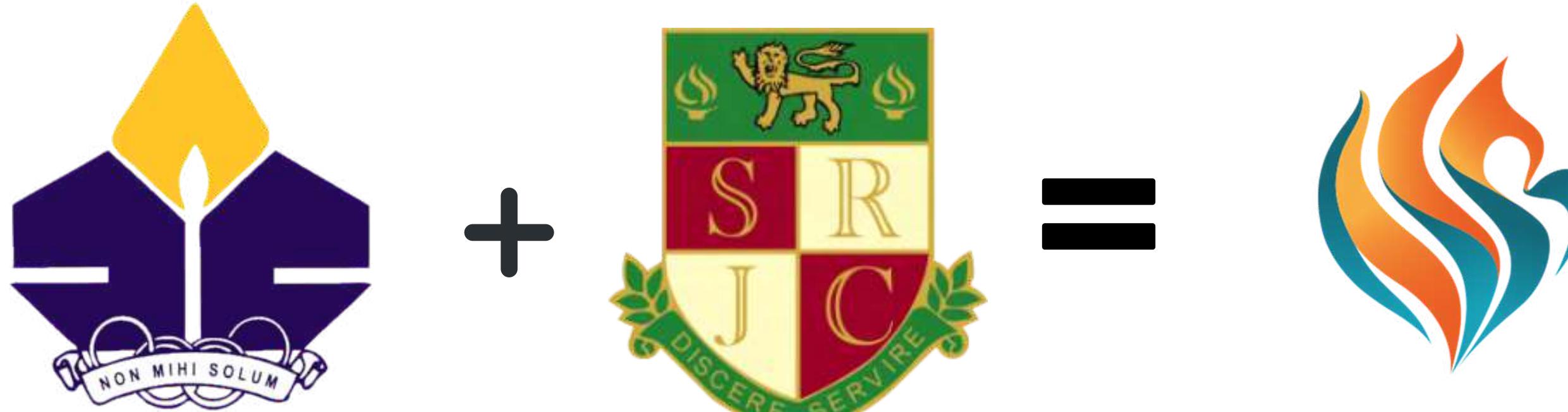




LET'S TAKE A LOOK AT OUR
LIFE IN SCHOOL!



History behind our school!



1988: Serangoon Junior College set up its temporary premises in Hougang

1990: College relocated to its former campus at Upper Serangoon Road

2019: SRJC and AJC merged to form ASRJC



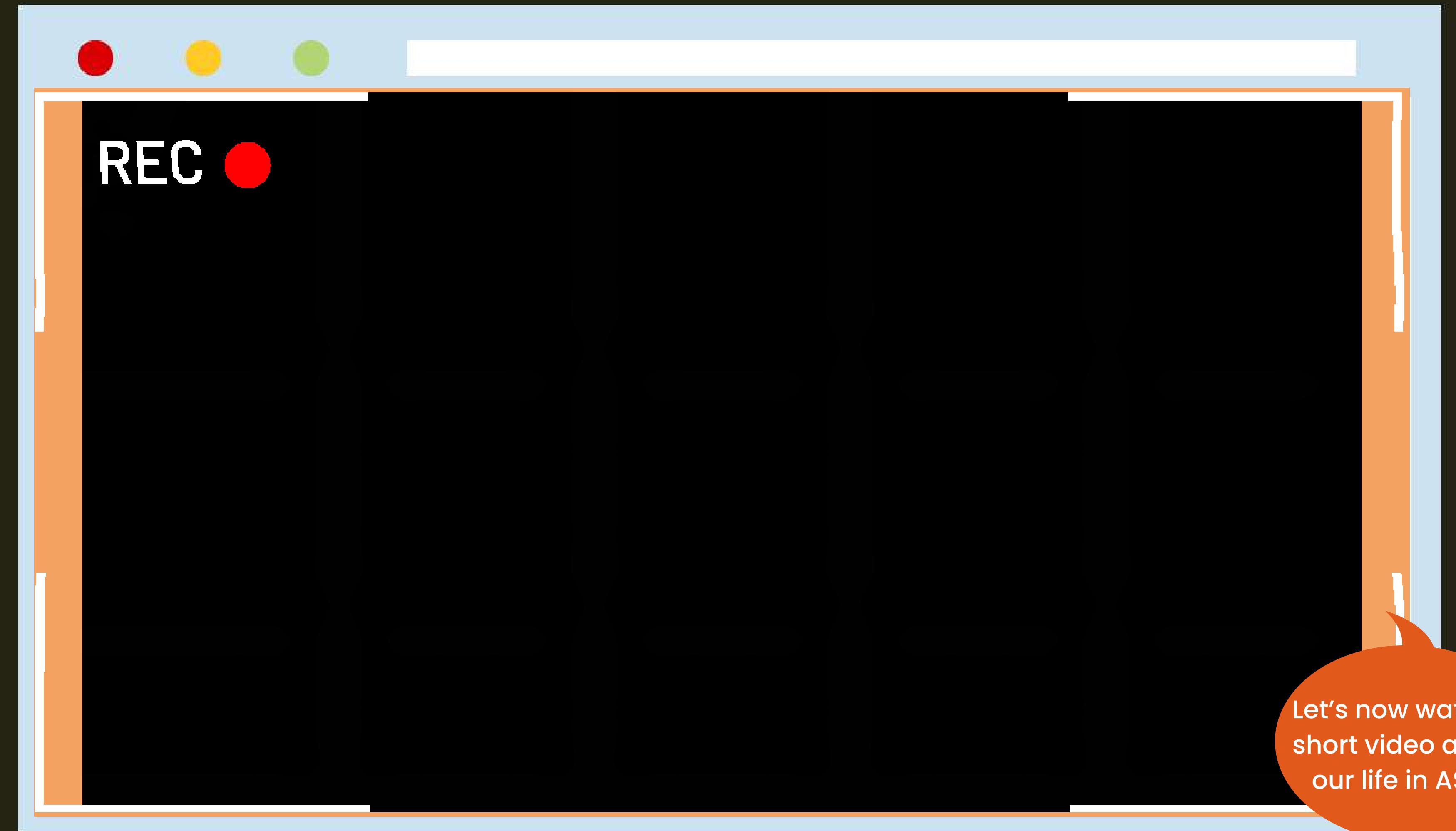
Subjects offered in ASRJC

- In ASRJC, common subjects such as the 3 sciences, math, further math, geography, history, literature, art and economics are offered
- It is compulsory to take general paper and project work
- This year, our school also offer computing as a new subject
- ASRJC also offer MTL (Mother tongue Language, and Literature)

CCAs available in ASRJC!

- CCAs stand for Co Curricular Activities where we have some time off from studies!
- Here in ASRJC, we have 31 CCAs in total!!
- There are sports, performing arts and clubs and societies, where STEM is one of them

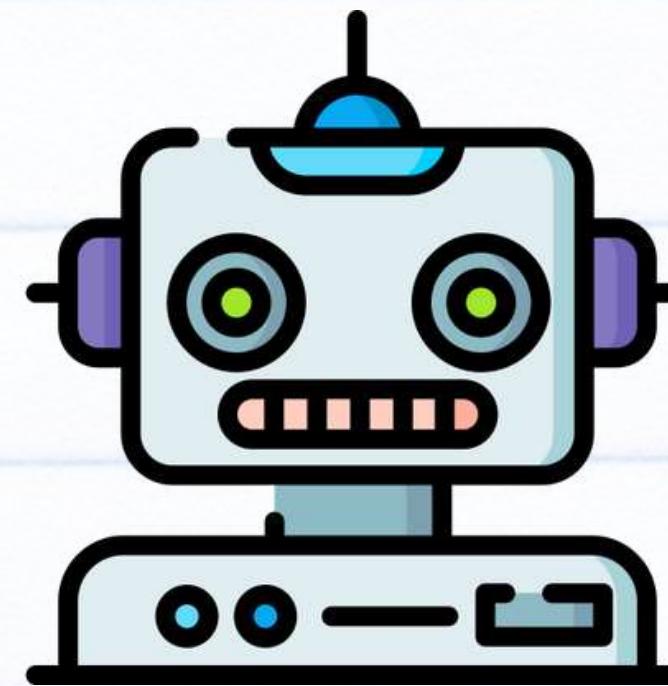




Let's now watch a
short video about
our life in ASR!

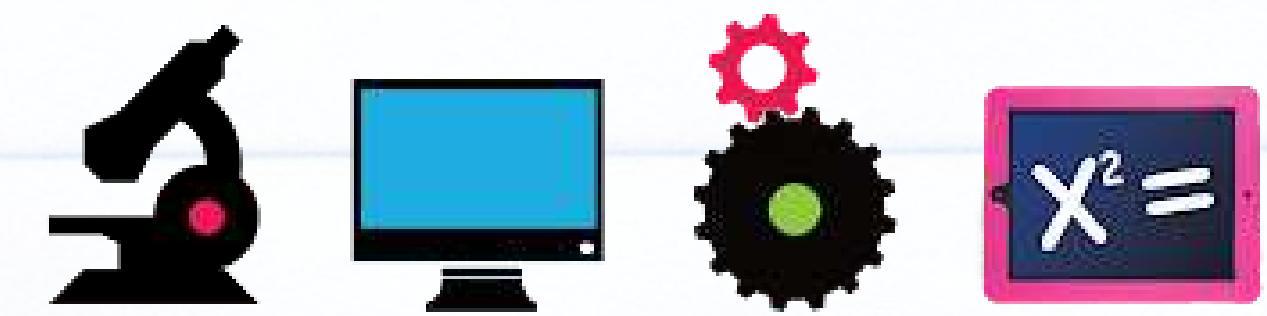
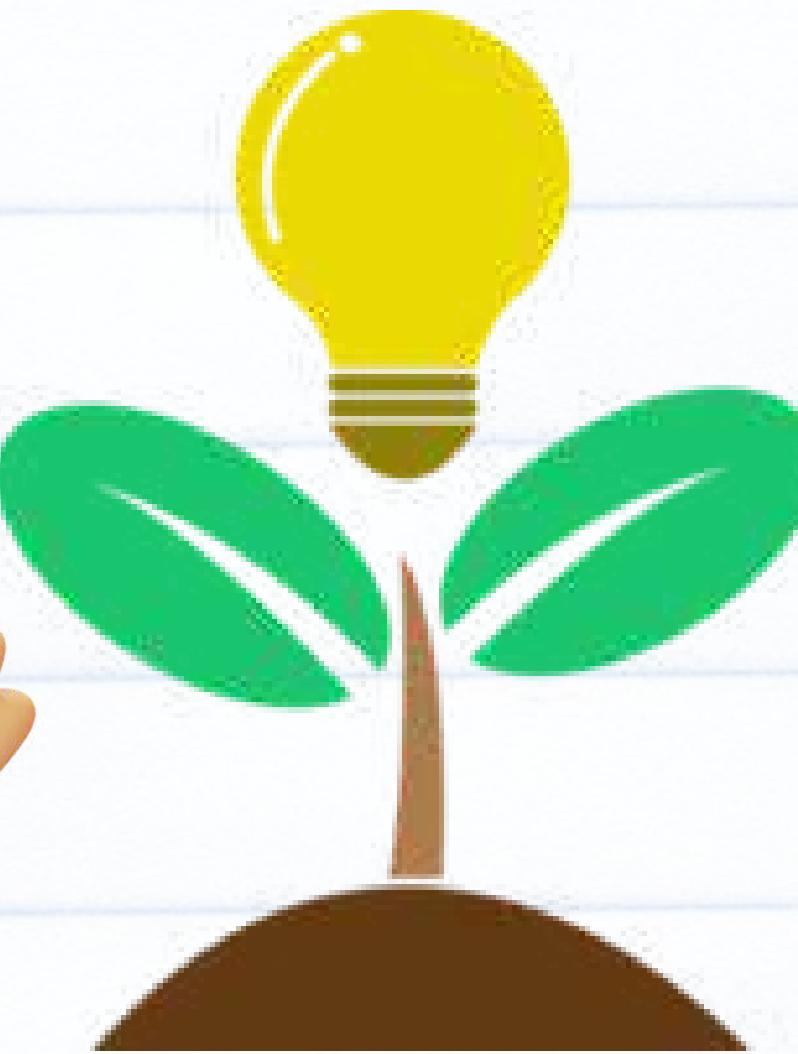
Some after thoughts!

- Overall, I enjoy my days in asrjc as I get to learn new things and also spend some time with my friends
- The teachers here are also very understanding and patient towards us and always guide us along the way



Wow!

ASRJC STEM CCA Experiences



STEM

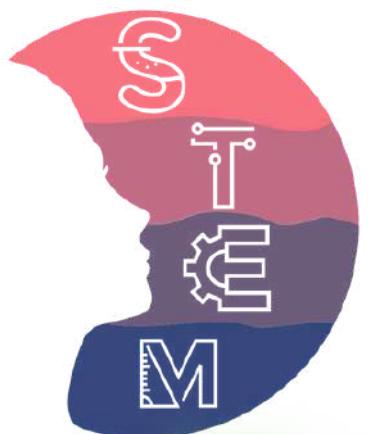
SCIENCE - TECHNOLOGY - ENGINEERING - MATH

History behind STEM!



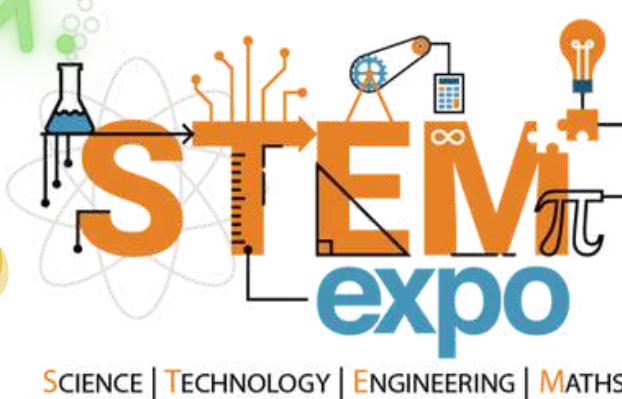
Who we are? **STEM**

We are people interested in STEM values, and are motivated to spread the interest in STEM.



What we do?

We are people interested in STEM values! We are motivated in spreading importance of STEM by attend workshops, visiting universities and even taking part in various prestigious competitions





WHAT DO WE DO IN STEM?



Python, Javascript and, C++
Using these languages to make robots.
as well as web-based applications



3D printing, laser cutting, workshops
Being creative and making your own
3D model to print out



EVENTS PRESTIGE

Science Centre, workshops (outside school)
These events are held very rarely, yet our CCA
are able to manage and have plenty of events



NOI, Cyberthon (CTF)
Singapore Science & Engineering Fair (SSEF)



VISIT TO SCIENCE CENTRE: I WENT TO SCIENCE CENTRE TO LOOK AT DIFFERENT GROUPS AND THEIR PROJECTS.

3D PRINTING: VERY FUN, WE DESIGN OUR OWN 3D MODELS AND PRINT IT OUT :)

My Experience

NOI COMPETITION: WAS AN NOI FINALIST,.. BUT I DIDN'T WIN BECAUSE IT IS BIASED TO C++.

LASER CUTTING: VERY COOL, AND DANGEROUS. ABLE TO CUT METAL FOR PROJECTS.

CODING: TRYING OUT NEW CODE LANGUAGES LIKE C++, JAVASCRIPT, HTML, CSS

DRONE WORKSHOP: CREATING OUR OWN DRONE AND FLY IT AROUND A COURSE (AND KEEP THE DRONE).



STEM Timeline

2022 Sem 1

ELEMENTZ fair 2022, 5
bronze, National
Robotics Competition
2022 2nd place

2022 Sem 2

Engineering innovation
challenge 2022, team
won merit

2023 Sem 1

Python Lockheed
Martin Competition 8th
place

2023 Sem 1

SSEF institution of
engineers singapore
(IES) special award



Education is not the filling of a
pail, but the lightning of a fire.

— W.B. Yeats





Q&A



Join at
slido.com
#9732 8227



THAT'S A WRAP!

THANK YOU FOR LISTENING TO US!

