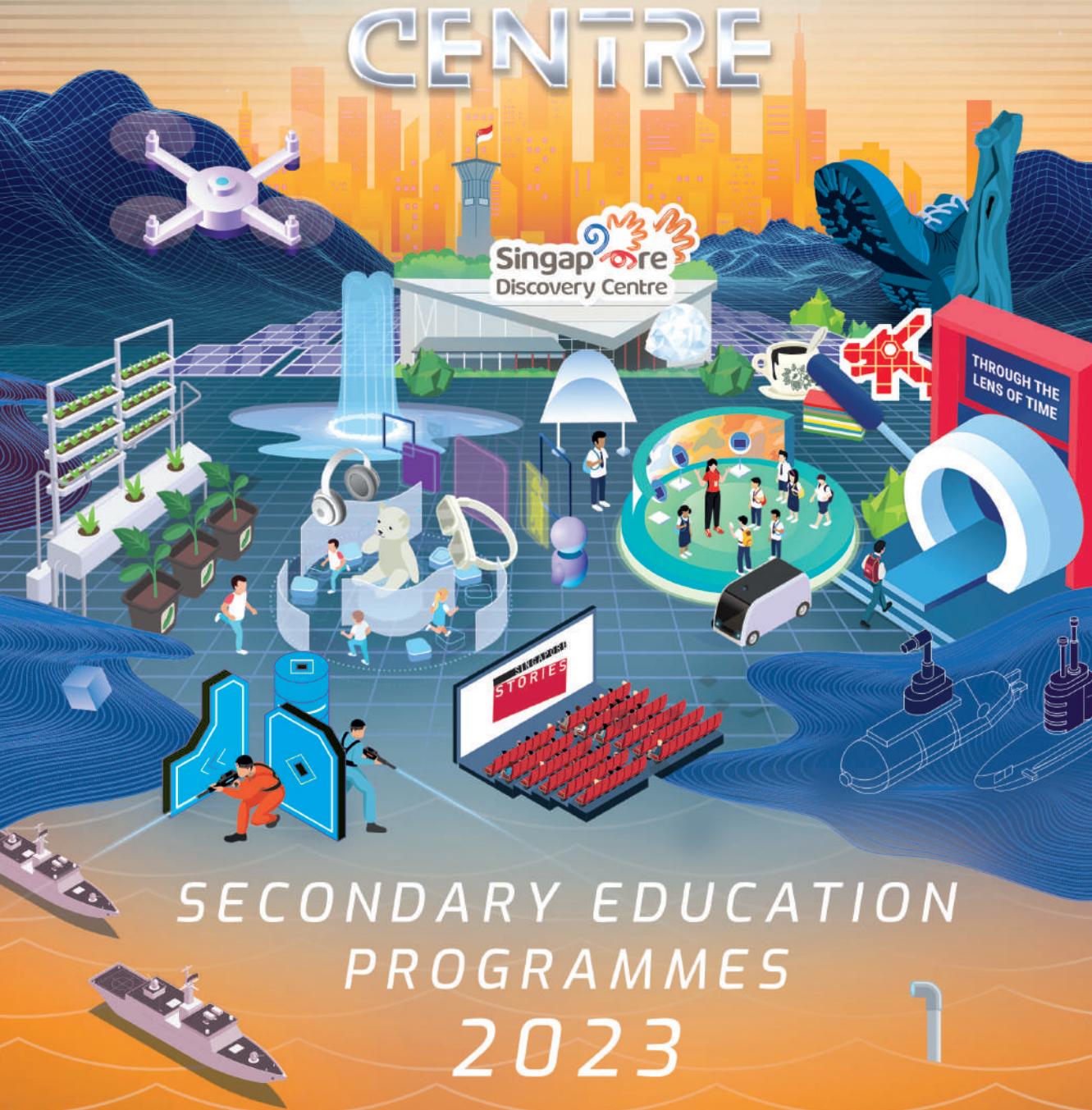


SINGAPORE DISCOVERY CENTRE



SECONDARY EDUCATION
PROGRAMMES
2023

ABOUT SINGAPORE DISCOVERY CENTRE

Singapore Discovery Centre (SDC) is a non-profit organisation whose mission is to share the Singapore Story and inspire a desire to contribute to Singapore's future. SDC provides a mind-and-heart-engaging, multi-sensory learning experience which spans a selection of integrated themes. SDC's guests learn about what makes Singapore tick and gain insights into Singapore's challenges, dreams and aspirations.



ADDRESS BY CHIEF EXECUTIVE

Dear Educators, NE / CCE practitioners,

It has been a long journey through COVID-19. As a nation, we have learnt to live with the virus and with the situation currently stabilising we are pleased to resume normalcy in our operations. In recent months, we were delighted to welcome back many school groups to our Centre for physical learning journeys. This enabled us to showcase our rejuvenated Centre to tell the Singapore Story and engage schools, educators and students. On the digital programmes front, demand has tapered for now, but we will continue to deepen capabilities and develop new products for schools to have additional options. Indeed it is with the unstinting support of MOE and our wide network of NE partners, that we continue to deliver on our mission to tell the Singapore Story and inspire a desire to contribute to its future.

Singapore Discovery Centre (SDC) is committed to be at the forefront of pedagogical innovations to offer fun, engaging and cognitively stimulating programmes. For Total Defence 2022, we offered a buffet of programmes including in-Centre, digital facilitated and DIY, as well as outreach programmes with Commitment to Defence Ambassadors (C2DAs) and National Education Facilitators (NEFs). In collaboration with MOE, we rolled out 'Access Denied', a Virtual Escape Room title developed for JCs, Polytechnics and ITEs. For National Day school programmes 2022, we introduced a new format incorporating dance, theatre and race segments. This was well received hence we will continue to experiment with and offer such multi-genre formats.

As the national level, Sustainability continues to be a pressing concern and SDC is playing its part to grow awareness and promote action through tours and programming across different school levels. Despite COVID-19, SDC embarked on its centre rejuvenation and accelerated the implementation of green innovation projects. We are committed to our 'Greenest Plan', which includes solar power infrastructure and green initiatives. Today, SDC is already reaping some



of the benefits such as offsetting more than 60% of its energy consumption with solar energy. We are also aspiring to be Singapore's first net-zero energy museum by early 2023.

Digitalisation is another key thrust that we have been embarking on for some time. Through virtual platforms, we were able to conduct youth leadership programmes with participants in different countries. We even developed a 360° Virtual Tour of our Permanent Exhibits Gallery as an in-house effort. Indeed, SDC will continue to innovate and tap opportunities in the areas of emerging technology such as the metaverse and AR realms to deliver more impactful programmes.

Moving forward into 2023, we are pleased to present new and enhanced programmes that you will find in this booklet. I would also like to take this opportunity to share that SDC will be managing the newly refurbished Navy Museum by early 2023 and will be rolling out additional new programs, so do stay tuned!

Best wishes and warmest regards,

Joseph Tan
Chief Executive
Defence Collective Singapore

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Commemorative Day: Total Defence Day			●			●
Commemorative Day (Virtual Programme): Total Defence Day			●			●
Commemorative Day: International Friendship Day				●	●	
Contemporary Sources Investigations (CSI): Digital Defence – Fake News						
Virtual Escape Room				●		
Army Days				●		
Under Siege				●		
Commitment to Defence Ambassadors (C2DA) Engagement				●		
National Education Facilitators Engagement				●		
Counter-Terrorism Paintball				●		
Operations Triple Threat				●		
Total Defence Badgework Programme				●		



COMMEMORATIVE DAY: NATIONAL DAY PROGRAMME

LEARNING OBJECTIVES

1. Pledge together how we can contribute to building a cohesive and united Singapore regardless of race, language and religion.
2. Explore the Singaporean identity and examine your role in the construction and shaping of our Singapore identity.
3. Reflect upon how we can contribute to building a brighter future for the Singapore of tomorrow.

DURATION

3 hours (inclusive of break)

RECOMMENDED LEVEL

Secondary 1 - Secondary 5

NO. OF PARTICIPANTS

Min. 25 pax (per session)

Cohort visits are highly recommended.



True to the saying "United we stand, divided we fall", students will explore the different aspects of our culture and realize the importance of forging unity in our diversity through different activities. Appreciate the milestones Singapore took towards nationhood and how Singaporeans have come together to uphold the national identity that makes us uniquely Singaporean. Students will come together in multi-genre activities to reflect and discover how they can contribute actively to strengthening Singapore and the Singapore Identity.

COMMEMORATIVE DAY (VIRTUAL PROGRAMME): RACIAL HARMONY DAY

LEARNING OBJECTIVES

1. Appreciate and reflect on how our diverse cultures makes us uniquely Singaporean and how we should come together to celebrate Singapore's achievements as a nation.
2. Pledge how we can contribute to build a cohesive and united Singapore regardless of race, language or religion.

DURATION

30 mins (per programme)

RECOMMENDED LEVEL

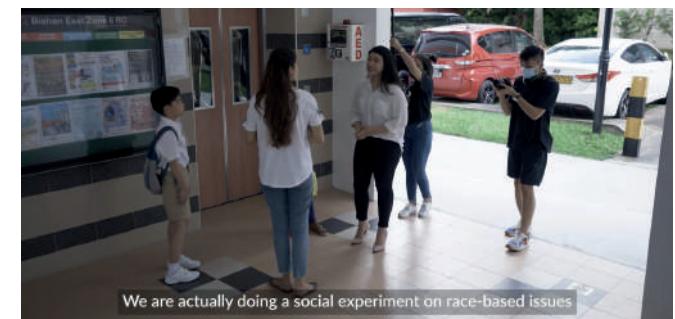
Secondary 1 - Secondary 5

NO. OF PARTICIPANTS

Whole School /
Selected Cohorts



Please email / call our Sales Team for more information.



This interactive virtual programme aims to enable students to understand the importance of key NE Commemorative Days and how they relate to their everyday lives.

Showcasing our multicultural and inclusive society, the Racial Harmony assembly programme aims to remind students of the importance of racial harmony and how we can play a part to build a bright future for Singapore as one united people. Also, it provides a platform to celebrate our achievements as a nation and heighten our sense of belonging.

CONTEMPORARY SOURCES INVESTIGATORS (CSI): INCLUSIVITY

LEARNING OBJECTIVES

1. Investigate and evaluate information gathered from authentic sources within the Singapore context.
2. Explore how we can become active citizens and strong advocates for the addressed issue.
3. Better understand and appreciate different perspectives, contemporary issues and current challenges to Singapore.

DURATION

3 hours (inclusive of break)

RECOMMENDED LEVEL

Secondary 1 - Secondary 5

NO. OF PARTICIPANTS

Min. 30 pax (per class)

Max. 40 pax (per class)



Join us in investigating contemporary issues Singapore faces as we continue to evolve as a nation!

Study case notes and news sources, collect data and information among the exhibits in the Singapore Discovery Centre and apply the skills you learnt from issue investigation to analyse these issues.

Step up as active citizens and design solutions to resolve these pertinent issues that challenge our nation.

BRIEFING [15 MINS]

Students will be introduced to the theme and will be given a related set of sources.

TEAM ACTIVITIES [INCLUDES TOUR WITHIN SDC] & SBQ INVESTIGATION [1 HOUR 30 MINS]

In teams, students will walk around selected areas in SDC to gather additional information related to the theme. The teams will then interpret the sources and information collected as a whole, and piece together the different perspectives to form a well-rounded understanding of the issue.

DESIGN AND PROPOSE SOLUTIONS [1 HOUR]

Team will devise solutions to address the issue. The process of "solutioning" allows students to explore and understand their roles and responsibilities as active citizens in Singapore.

DEBRIEF AND REFLECTION [15 MINS]

Students will be guided through a meaningful discussion and reflection of the key learning points regarding the theme / issue selected and active citizenry.

OUR SG STORY GUIDED TOUR

LEARNING OBJECTIVES

1. Learn and appreciate the Singapore Story and how Singapore's "Can-Do" Spirit has helped to transform the country from a Third World country to a First World city state.
2. Learn more about the importance of National Service and appreciate the role of the Singapore Armed Forces (SAF) in the defence and security of Singapore.
3. Discover some insights into Singapore's fundamentals, values, and way of life; so that we can better appreciate our home and have more confidence in Singapore's future.

DURATION

3 hours (inclusive of break)

RECOMMENDED LEVEL

Secondary 1 - Secondary 5



Discover the Singapore Story and learn how challenges and crisis have shaped Singapore's successes today. In addition, the guided tour also encourages participants to reflect on our role in Total Defence and reinforces our confidence in the future of our Little Red Dot.

SDC GUIDED TOUR + NE FILM

Discover the Singapore Story and learn how and why Singapore is a success today. Also, to reflect on how everyone has a part to play in creating our future SG and to have confidence in this Little Red Dot's future. Students will be led through a multi-sensory experience that will engage their hearts and minds.

SAFTI MI BUS TOUR

Hop onto our electric bus for an exclusive tour of SAFTI Military Institute around the 88-hectare training ground for officers-to-be (closed facility, only open for special tours). This tour will offer a unique glimpse into the life of an officer cadet and the importance of National Service.

SIMSG EXPRESS

LEARNING OBJECTIVES

1. Explore issues related to the governance of Singapore.
2. Appreciate competing priorities in policy-making and decision-making for Singapore's development and progress.

DURATION

3.5 hours (inclusive of break)

RECOMMENDED LEVEL

Secondary 2 – Secondary 5

NO. OF PARTICIPANTS

Min. 90 pax (per session)

Max. 240 pax (per session)

Each session can take a minimum of 3 classes and maximum of 8 classes of students (1 cohort).

This outreach programme aims to provide an authentic environment for students to learn and experience trade-offs in governance and be involved in decision-making. Students will role-play as mayors of Singapore districts and compete in teams to develop the most productive and effective district in Singapore over the decades.

BRIEFING [15 MINS]

Role-play as mayors and understand the resources that you would have to manage within the limited land space.

SIMSG EXPRESS GAMEPLAY [3 HOURS]

The game is played over a few rounds and each team will collect resources to negotiate and trade with other teams at every round. As the gameplay spans Singapore's development over various decades, teams will have to decide on which infrastructure to construct to maximise the potential of their districts in that period of time. In addition, they will have to strategise to avoid receiving penalties for water security issues. Eventually, the team that manages their resources most effectively will win the game.

DEBRIEF AND REFLECTION [15 MINS]

The students will reflect on their learning experiences and gain insights into the complexities of governance.



N.E.MATION WORKSHOP

DURATION

4 hours (inclusive of break)

RECOMMENDED LEVEL

All participating students

NO. OF PARTICIPANTS

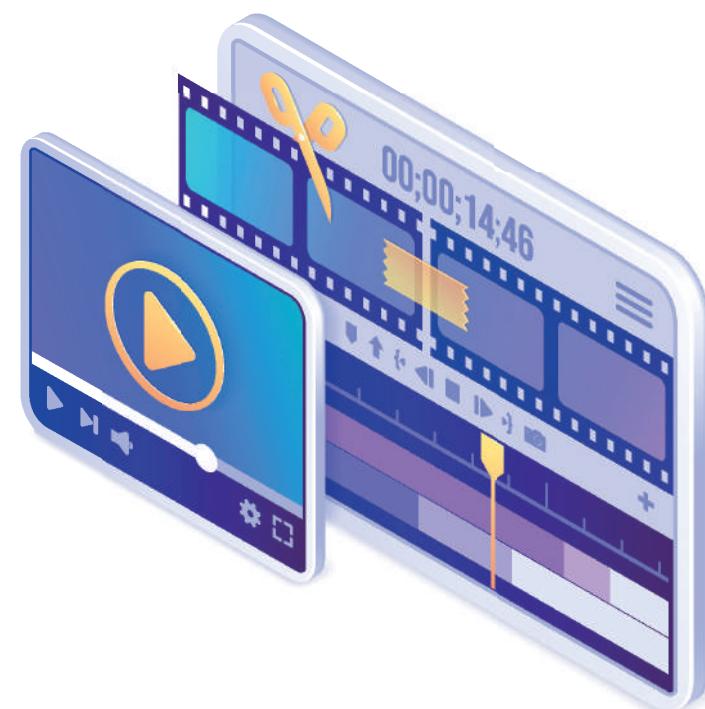
Min. 1 team (public workshop)

3 teams (private workshop)

N.E.mation! is an annual national digital animation competition organised by Singapore Discovery Centre (SDC), in partnership with NEXUS, MINDEF, for students (Secondary Schools and Junior Colleges) and youths (post-secondary education institutions) to express their thoughts on Total Defence (TD).

The competition calls on participants to contribute ground up ideas that encourage Singaporeans to put TD into action.

Sign up for a free half-day Story Creation Workshop to prepare your team for the competition. Learn how we can all play a part to help strengthen our defence against threats and challenges faced by Singapore and also pick up useful skills in telling a good story through storyboarding.



OUR SG STORY FILMS: SCHOOL ASSEMBLY PROGRAMME

LEARNING OBJECTIVES

1. Heighten the awareness of Citizenship Dispositions through a NE film.
2. Understand the importance of our Singapore spirit and values, and that we cannot take our peace and security for granted.

DURATION

30 mins (per show)

RECOMMENDED LEVEL

Secondary 1 - Secondary 5

NO. OF PARTICIPANTS

Min. 200 pax (per session)

D.I.Y and
Facilitated Digital
Versions are
available!

Please email / call our
Sales Team for more
information.

SCREENING OF SG STORY FILM* [APPROX. 30 MINS PER SHOW]

Understand the importance of National Education through SG Story films. Students will gain insights into how internal and external threats could cause disruption to the peace and stability in Singapore. They will also appreciate and embrace our Singapore spirit and values.

*Teachers can select a film from a range of SG Story films for their school assembly programme, depending on the NE theme which will complement their curriculum / school event.

DIY - RESOURCE KIT [PRE / DURING / POST PREPARATIONS OR DISCUSSIONS]

To help prepare the students for a meaningful engagement, a resource kit which includes the film synopsis and suggested educational activities / content will be given to the teacher-in-charge.

For Facilitated version, SDC facilitators will be conducting the reflection sessions. (approx. 30 min facilitation session after the show)



OUTDOOR TRAIL: QUEST FOR HARMONY TRAIL

LEARNING OBJECTIVES

1. Appreciate the unity and diversity of a multi-cultural society.
2. Recognise the importance of maintaining the peace and prosperity of living in multiracial and multi-religious Singapore.

DURATION

5 hours
(including travelling time)

RECOMMENDED LEVEL

Lower Secondary

NO. OF PARTICIPANTS

Min. 35 pax (per bus)
Max. 40 pax (per bus)

Each session can take up to 6 buses of students, subject to availability.



PART 1: PRE-TRAIL BRIEFING [30 MINS]

A mass briefing will be conducted for students at a pre-arranged location prior to the trail.

PART 2: HIGHLIGHTS OF THE OUTDOOR TRAIL [4 HOURS 30 MINS, INCLUSIVE OF TRAVELING TIME BETWEEN SITES]

Go on a journey to understand more about the different religions in Singapore. Learn about their religious and cultural practices in a quest to celebrate our strength in diversity.

CHOICE OF VENUES: [PLEASE CHOOSE 1, IN ADDITION TO COMPULSORY SITE]

1. Gurdwara Sahib Silat Road (Compulsory Site)

- Sharing by an expert on cultural practices
- Students will be exposed to unique experiences such as communal dining at their community kitchen. Some will get to try their hands at preparing the desserts in the kitchen.
- Wrapping of the turban for male students (optional)

2. Indian Muslim Heritage Centre

- Sharing by a curator
- Students will learn about the success of early voyages of a small migrant group of Muslims from India. The shrine which was built between 1828 and 1830 embodies racial harmony in its architecture as it has a unique blend of the East and West.

3. Loyang Tua Pek Kong Temple

- Sharing by an expert on cultural practices
- Students will experience the uniqueness of this temple, as it houses deities from the 3 religions: Taoism, Buddhism and Hinduism. It practices religious tolerance by sharing the space amongst different religious beliefs.

4. Wat Palelai Buddhist Temple

- Students will learn more about this temple which has an annual tradition of sharing and giving charity to whoever is in need, regardless of religion and race.

COMMEMORATIVE DAY: YEAR-END POST EXAM PROGRAMME

LEARNING OBJECTIVES

1. Appreciate how innovation has played a key role in shaping Singapore.
2. Inspire students on how they can contribute to a future-ready Singapore.
3. To adopt more environmentally-conscious choices in the way they live, work and play.

DURATION

3 hours (inclusive of break)

RECOMMENDED LEVEL

Secondary 1 - Secondary 5

NO. OF PARTICIPANTS

Min. 25 pax (per session)

Cohort visits are highly recommended.

"I enjoyed the activities of the programmes." - a student from Queenstown Secondary School

"I enjoyed learning about sustainability & how we can protect our environment through interesting activities." - a student from Orchid Park Secondary School



Learning through play is the best way to celebrate the end of the school term! Students will dabble in various fun and exciting carnival-like activities that would encourage them to contribute to Singapore's landscape and its future. Students will reflect and understand more about how we share the past, discuss the present and highlight the future, where everyone has a part to play and how we can show our commitment in shaping Singapore's future together. Students will come together and express their inner creativity and innovations at our Year-End Post Examinations Programme!

CONTEMPORARY SOURCES INVESTIGATIONS (CSI): FOOD SECURITY

LEARNING OBJECTIVES

1. Investigate and evaluate information gathered from authentic sources within the Singapore context.
2. Explore how we can become active citizens and strong advocates for the addressed issue.
3. Better understand and appreciate different perspectives, contemporary issues, and current challenges to Singapore.

DURATION

3 hours (inclusive of break)

RECOMMENDED LEVEL

Secondary 1 - Secondary 5

NO. OF PARTICIPANTS

Min. 30 pax (per class)

Max. 40 pax (per class)

Join us in investigating contemporary issues Singapore faces as we continue to evolve as a nation!

Study case notes and news sources, collect data and information among the exhibits in the Singapore Discovery Centre and apply the skills you learnt from issue investigation to analyse these issues.

Step up as active citizens and design solutions to resolve these pertinent issues that challenge our nation.

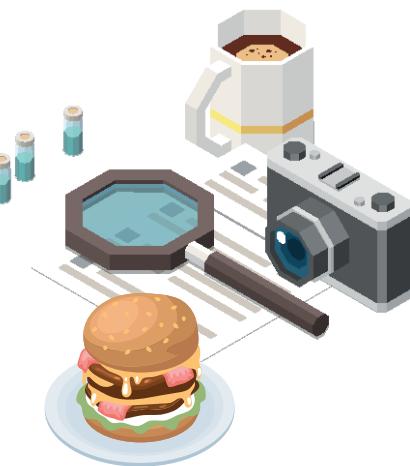
BRIEFING (15 MINS)

Students will be introduced to the theme of food security. They will be given a set of sources related to the theme.

TEAM ACTIVITIES (INCLUDES TOUR WITHIN SDC) & SBQ INVESTIGATION (1 HOUR 30 MINS)

In teams, students will walk around selected areas in SDC to gather additional information related to the theme. The teams will then interpret the sources and information collected as a whole, and piece together the different perspectives to form a well-rounded understanding of the issue.

*This segment may be conducted as a guided tour or self-exploration, depending on factors such as centre operation etc.



DESIGN AND PROPOSE SOLUTIONS (1 HOUR)

Team will devise solutions to address the issue. The process of "solutioning" allows the students to explore and understand their roles and responsibilities as active citizens in Singapore.

DEBRIEF AND REFLECTION (15 MINS)

Students will be guided through a meaningful discussion and reflection of the key learning points regarding the theme selected and active citizenry.

ECO SUSTAINABILITY CHAMPS (ENHANCED!)

LEARNING OBJECTIVES

1. Encourage collective action addressing climate change.
2. Encourage a culture of sustainability and be empowered to take personal responsibility as active citizens and eco-sustainability champions.

DURATION

3 hours (inclusive of break)

RECOMMENDED LEVEL

Secondary 1 - Secondary 2

NO. OF PARTICIPANTS

Min. 25 pax (per class)
Max. 40 pax (per class)

Each session can take up to 5 classes of students, subject to availability.



This workshop aims to inculcate in students a desire to do their part in combatting climate change. Students will be brought on a guided Eco-trail within the compound of the Singapore Discovery Centre where they will learn how the use of solar panels and our urban farming initiative has helped to reduce our carbon footprint and make Singapore Discovery Centre a green organisation.

Having seen authentic examples of an organisation's eco sustainability efforts, students will work on projects that they could take on in their community / school to increase awareness on eco sustainability. Idea Trigger stations will be set up to help students brainstorm ideas to complete their task.

BRIEFING [15 MINS]

Introduction to Eco Sustainability and Singapore's blueprint for sustainability.

SDC ECO-TRAIL TOUR [1 HOUR]

- Students will tour SDC to view the eco-initiatives put in place such as the solar panels installations and urban farming gardens. During the trail, students will get to converse with SDC staff and understand more about other SDC initiatives to reduce carbon emission.
- Students will understand the results of SDC's eco endeavours better for example, the solar panel that powers the hydroponics system and the monitors that showcase the power harvested from solar energy.
- Students will understand the SDC's overall sustainability blueprint.

BEING AN ACTIVE CITIZEN [1 HOUR 30 MINS]

Students will explore their role as positive agents of change in combatting climate change and discuss how they can increase awareness within their community / school on the topic of eco-sustainability.

CONTEMPORARY SOURCES INVESTIGATIONS (CSI): RENEWABLE ENERGY

LEARNING OBJECTIVES

1. Investigate and evaluate information gathered from authentic sources within the Singapore context.
2. Explore how we can become active citizens and strong advocates for the addressed issue.
3. Better understand and appreciate different perspectives, contemporary issues, and current challenges to Singapore.

DURATION

3 hours (inclusive of break)

RECOMMENDED LEVEL

Secondary 1 - Secondary 5

NO. OF PARTICIPANTS

Min. 30 pax (per class)
Max. 40 pax (per class)

Join us in investigating contemporary issues Singapore faces as we continue to evolve as a nation!

Study case notes and news sources, collect data and information among the exhibits in the Singapore Discovery Centre and apply the skills you learnt from issue investigation to analyse these issues.

Step up as active citizens and design solutions to resolve this pertinent issue that challenges our nation.

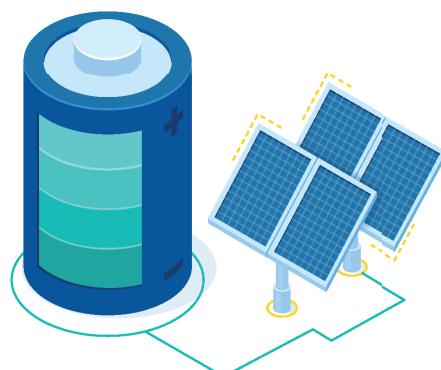
BRIEFING [15 MINS]

Students will be introduced to the theme of renewable energy. They will be given a set of sources related to the theme.

TEAM ACTIVITIES [INCLUDES TOUR WITHIN SDC] & SBQ INVESTIGATION [1 HOUR 30 MINS]

In teams, students will walk around selected areas in SDC to gather additional information related to the theme. The teams will then interpret the sources and information collected as a whole, and piece together the different perspectives to form a well-rounded understanding of the issue.

*This segment may be conducted as a guided tour or self-exploration, depending on factors such as centre operation etc.



DESIGN AND PROPOSE SOLUTIONS [1 HOUR]

Team will devise solutions to address the issue. The process of "solutioning" allows the students to explore and understand their roles and responsibilities as active citizens in Singapore.

DEBRIEF AND REFLECTION [15 MINS]

Students will be guided through a meaningful discussion and reflection of the key learning points regarding the theme selected and active citizenry.

COMMEMORATIVE DAY: TOTAL DEFENCE DAY

LEARNING OBJECTIVES

- Understand the progress of Total Defence over the years and illustrate how it has contributed to our country's development.
- Understand how the 6 pillars of Total Defence contribute to building a strong, safe and cohesive nation in the face of new threats.
- Instil a sense of confidence and commitment to Singapore and reflect how everyone has a part to play in Total Defence.

DURATION

3 hours (inclusive of break)

RECOMMENDED LEVEL

Secondary 1 - Secondary 5

NO. OF PARTICIPANTS

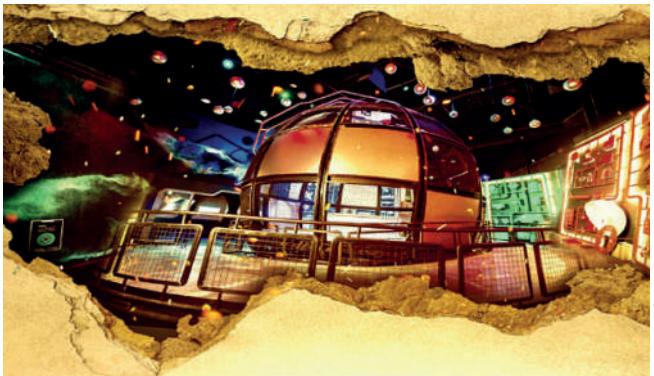
Min. 25 pax (per class)

Cohort visits are highly recommended.

"I've gathered more information, history and the origin of Total Defence Day." - a student from Whitley Secondary School

"It was an eye opener for me and reminded me to never forget our history as I move forward in life." - a student from Whitley Secondary School

"The students thoroughly enjoyed all segments of the programme. They enjoyed the interaction available in the gallery and kudos to the team for incorporating a quiz to engage the students!" - teacher from Seng Kang Secondary School



COMMEMORATIVE DAY (VIRTUAL PROGRAMME): TOTAL DEFENCE DAY

LEARNING OBJECTIVES

- Reinforce the importance and relevance of Total Defence in view of current threats faced today.
- Understand that in our own roles, we all have a part to play in Singapore's defence.

DURATION

30 mins (per programme)

RECOMMENDED LEVEL

Secondary 1 - Secondary 5

NO. OF PARTICIPANTS

Whole School / Selected Cohorts

ONLY D.I.Y and Facilitated Digital Versions are available!

Please email / call our Sales Team for more information.



This interactive virtual programme aims to enable students to understand the importance of key NE Commemorative Days and how they relate to their everyday lives.

Learn to appreciate the importance and relevance of Total Defence and be invoked to think about issues such as future threats and challenges and how to keep Singapore strong and resilient. It would remind everyone that they have a role to play to better protect themselves from any attack and to safeguard our Singaporean way of life.

COMMEMORATIVE DAY: INTERNATIONAL FRIENDSHIP DAY

DEFENCE

LEARNING OBJECTIVES

1. Reflect on what it means to be a global citizen against the backdrop of the latest geopolitical and economic changes, and cultural developments in the region and the world.
2. Learn that an open and connected Singapore can bring new opportunities and growth.
3. Understand the importance of why Singapore needs to be part of the global efforts to ensure our survival.

DURATION

3 hours (inclusive of break)

RECOMMENDED LEVEL

Secondary 1 - Secondary 5

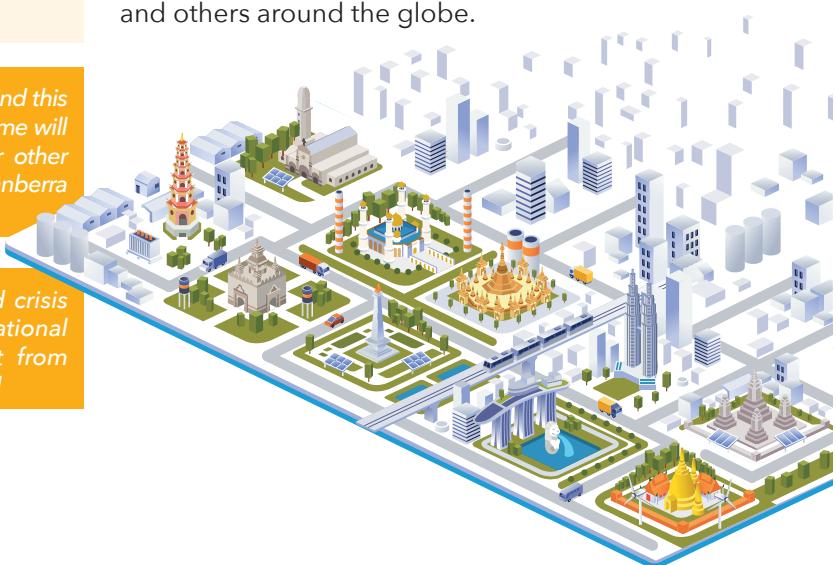
NO. OF PARTICIPANTS

Min. 25 pax (per session)

Cohort visits are highly recommended.



As advocates of diversity, students will discover the importance of friendship and cooperation in an interconnected world. Delving into a variety of engaging activities, students will gain a deeper understanding and appreciation for Singapore's role in the world. In groups, students will explore the importance of having good relations with countries in ASEAN and around the world. By understanding the significance of living in an interconnected and interdependent world, students will recognize the importance to create bilateral ties with our neighbours and others around the globe.



"Overall, I really love this game and this programme. Hope this programme will continue for years to come for other schools." - a student from Canberra Secondary School

"I have learned to understand crisis and friendships from an international point of view." - a student from Queensway Secondary School

CONTEMPORARY SOURCES INVESTIGATIONS (CSI): DIGITAL DEFENCE – FAKE NEWS

LEARNING OBJECTIVES

LEARNING OBJECTIVES

1. Explore the security threats arising from greater digitisation of our day-to-day lives and examine Singapore's responses to these new threats.
2. Better understand and appreciate different perspectives regarding the contemporary issues of securing our digital frontlines.

DURATION

3 hours (inclusive of break)

RECOMMENDED LEVEL

Secondary 3 - Secondary 5

NO. OF PARTICIPANTS

Min. 30 pax (per class)

Max. 40 pax (per class)

Each session can take up to 3 classes of students.



Students will explore contemporary security and defence issues such as the use of digital weapons to wage hybrid wars. This programme highlights the importance of digital defence and its significance in ensuring Singapore's continued stability and security. Through interactive activities such as games and decryption puzzles, students will learn to unpack the concept of digital defence and the impact of these new digital security threats on Singapore. This programme also provides students the opportunity to uncover different perspectives of how Singapore has responded to these new digital security threats through authentic sources.

INTRODUCTION & CLASSROOM ACTIVITIES (45 MINS)

Explore the new digital security threats Singapore faces due to the improvements in technology and globalisation and unpack the idea of digital defence through game-based learning activities. Students will discover the digital security threats impacting Singapore and other countries through decryption of puzzles. In addition, students will also have the opportunity to put their skills to the test and compete with one another to identify fake news.

SOURCES INVESTIGATION (50 MINS)

Students will explore and learn some steps to guide them to interpret the sources based on the themes that are introduced. As a team, students will learn to make sense of sources with different perspectives to form a well-rounded view on the issue of Singapore's response to fake news.

SOLUTIONING (50 MINS)

Students will work in teams to devise possible solutions to address the issues concerning Singapore's response to fake news. The process of "solutioning" provides an opportunity for students to engage in active citizenship.

DEBRIEF & REFLECTION (10 MINS)

Students will be guided through a meaningful discussion and reflection of the key learning points.

VIRTUAL ESCAPE ROOM

LEARNING OBJECTIVES

1. To appreciate the importance of trust, communication, and effective division of labour in maximising efficiency.
2. To broaden awareness of contemporary issues such as the evolving terrorism landscape, exploitation of natural environment etc.

DURATION

1.5 hours per session

RECOMMENDED LEVEL

This programme is recommended for staff and Upper Sec students only

NO. OF PARTICIPANTS

Faceless Danger
Min. 20 pax
Max. 60 pax

Final Boarding Call
Min. 20 pax
Max. 36 pax



For the ultimate test of one's wit, sign up for the Virtual Escape Room Programme! The Virtual Escape Room programme is a themed escape room series where team members can challenge themselves from the comfort of their home or workplace.

Schools can choose from 1 of the 2 titles below:

1. Faceless Danger
2. Final Boarding Call

Whether you are a staff or student, this programme promises to inject excitement and fun into your teambuilding event!

Can you and your team solve the puzzles and escape the crisis before the time runs out?

ARMY DAYS

Through the programme, students will learn how to appreciate the significance of National Service (NS) and the Army's role in maintaining Singapore's security. Students will interact with Army Veterans and gain valuable insights into NS training and the soldiering experience. Students will also learn about the role of NS and the importance of NS in safeguarding Singapore's national interests.

HANDS-ON EXPERIENCE

Students will have an opportunity to interact with Army Veterans over a hands-on basic soldiering experience, comprising:

- a. Uniforms and Cover Concealment
- b. Combat Rations and Health & Hygiene

TOUR AND SHORT FILM

Students will go on a bus tour of the SAFTI Military Institute, gaining first-hand knowledge of how an Officer Cadet training institute looks like. Students will also have a chance to understand the importance of military defence as they view a short film at the Permanent Exhibits Gallery.

LEARNING OBJECTIVES

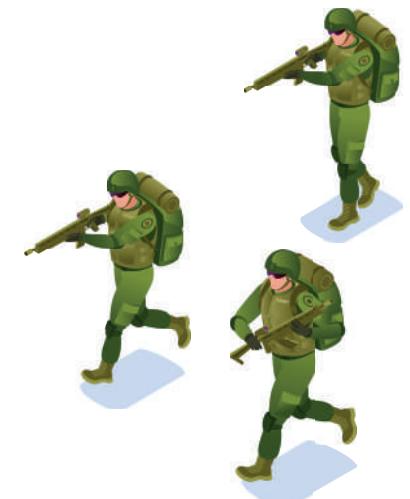
1. Appreciate the reasons behind the need for National Service (NS) and the Army's role in maintaining Singapore's continual security.
2. Understand the training our NSmen undergo through a basic soldiering experience.
3. Understand the role of NS in the future and the role that citizens play in Singapore's defence through engaging activities.

DURATION

3 hours (inclusive of break)

NO. OF PARTICIPANTS

Min 100 pax (Per session)
Max 160 pax (Per session)



UNDER SIEGE

COMMITMENT TO DEFENCE AMBASSADORS (C2DA) ENGAGEMENT

LEARNING OBJECTIVES

- Understand how preserving peace and stability in Singapore always relies on everyone playing an active role and exercising Total Defence.
- Uncover the meaning of Staying United, Staying Alert and Staying Strong in the SG-Secure Framework.

DURATION

2.5 hours (inclusive of break)

RECOMMENDED LEVEL

Secondary 1 - Secondary 5

NO. OF PARTICIPANTS

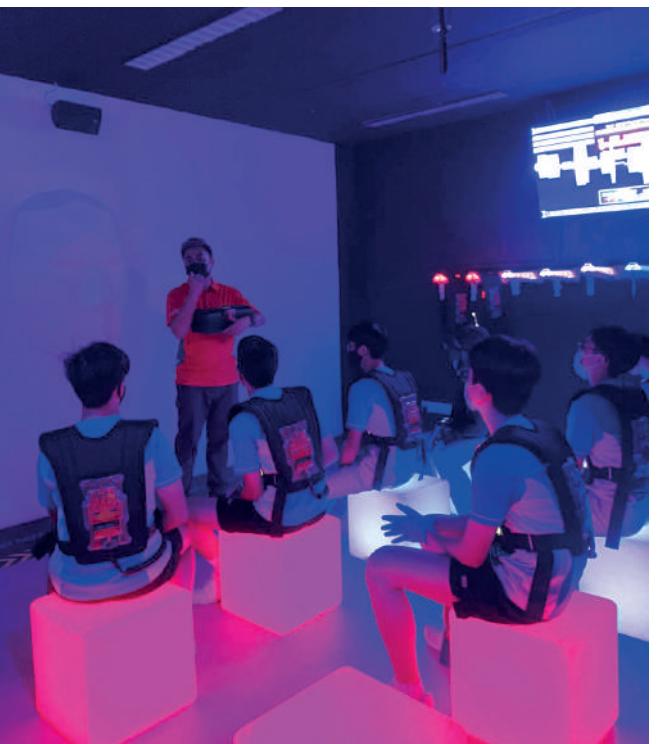
Min. 24 pax (per class)

Max. 40 pax (per class)

Each session can accommodate up to 1 class of students.

"It was really informative and allowed me to learn the dangers of potential terrorists."

"I gained much insight on terrorism through this programme. It was very helpful overall and I enjoyed it thoroughly."



Students will engage in an in-centre game-based workshop to uncover the meaning of SG-Secure key messages of Staying United, Staying Alert and Staying Strong. Through the scenario-driven role-playing games, students come to realise the dangers of self-radicalisation and learn how citizens can all play an active role in anti-terrorism.

CLASSROOM ACTIVITIES / FILM

Students will be introduced to the SG-Secure framework and uncover the meaning of key messages of Staying United, Staying Alert and Staying Strong. Students will have the opportunity to watch a film which highlights the dangers of self-radicalisation.

LASER TAG

Students will have the opportunity to engage in an exhilarating game of laser tag. The laser tag gameplay demonstrates how Staying Alert and Staying Strong through a terrorist attack scenario can make a difference and exemplify how citizens can play an active role in countering terrorism.

LEARNING OBJECTIVES

- Understand how maintaining a strong SAF is key to safeguarding Singapore's sovereignty and interests.
- Recognise how everyone has a part to play in sustaining Singapore's peace and stability.

DURATION

1 – 1.5 hour(s)
(inclusive of Q&A)

RECOMMENDED LEVEL

Secondary 1- Secondary 5

NO. OF PARTICIPANTS

Min. 1 class

Max. 1 assembly

"Thank you for returning to St Andrew's to do your TD sharing yesterday. You were able to succinctly bring across the importance of Psychological and Social Defence to the students. Your anecdotes of the times you were the CO of 823 SIR illustrating the school values of unity and resilience were most apt and inspiring." - Mr. Yong Mong Koh, towards Col (NS) Darren Tan

C2DA engagement is an outreach programme where students get to meet and interact in person or virtually with Commitment to Defence Ambassadors (C2DA) - veteran soldiers who have served on key military operations and played an active role in preserving peace and security in Singapore and beyond.

SCHOOLS CAN CHOOSE ONE OF THESE FIVE TOPICS FOR THE ENGAGEMENT:

- Konfrontasi (F2F)
- Total Defence (F2F & Digital)
- Importance of National Service (F2F & Digital)
- 1964 Racial Riots (F2F & Digital)
- Overseas Missions (F2F & Digital)



NATIONAL EDUCATION FACILITATORS ENGAGEMENT

LEARNING OBJECTIVES

1. Understand the role of the SAF and how individuals can play their part in defending Singapore.
2. Sensitise students on key geo-political issues, threats and challenges to Singapore.
3. Understand the importance of a strong SAF, and the importance of NS.

DURATION

45 minutes - 1 hour

RECOMMENDED LEVEL

Secondary 1 - Secondary 5

NO. OF PARTICIPANTS

Min. 1 assembly



The National Education Facilitators (NEF) programme was established in 1993 and taps on Singapore Armed Forces (SAF) regulars to share on current SAF capabilities and operations as well as Singapore's position on key issues concerning our security, for example, during bilateral disputes. Through cohort-based assembly talks covering a range of topics related to Total Defence, National Service (NS) and defence-related matters, students can attain a deeper understanding of the role of the SAF, as well as gain exposure to key geo-political issues and threats facing Singapore.

The National Education Facilitators are well-equipped to share regarding topics concerning Singapore's security and the current SAF capabilities. The sharing by NEFs can also be tailored to suit the learning needs of schools. Some of the highly requested topics include:

- Ops experiences and his / her day-to-day role in the SAF
- Importance of Total Defence with emphasis on Military Defence
- Importance of National Service
- Geo-political environment, and its impact on Singapore (e.g. Singapore-Malaysia dispute)



"I enjoyed how the session deep dives into the various aspects of Singapore's policies that help to defend our nation, and this gave me an insight into the defence sector of the government."
- JC Student

COUNTER-TERRORISM PAINTBALL

LEARNING OBJECTIVES

1. Understand the nature of terrorism and its impact on the world, region and Singapore.
2. Appreciate that everyone has a part to play in keeping Singapore safe.
3. Experience teamwork through paintball gameplay.

DURATION

3 hours (inclusive of break)

RECOMMENDED LEVEL

Secondary 2 - Secondary 5
(Uniformed group cadets)

Students are required to be 14 years and above on the date of programme.

NO. OF PARTICIPANTS

Min. 24 pax (per session)
Max. 40 pax (per session)

"Very fun and unique paintball game. Never experienced anything like that before - paintball gameplay with meaningful missions." - Secondary School NPCC cadet



OPERATIONS TRIPLE THREAT

LEARNING OBJECTIVES

1. Appreciate the evolving nature of security threats and understand how everyone has a part to play in defending Singapore.
2. Learn about Singapore's history from a defence-centric perspective.

DURATION

2.5 - 3 hours

RECOMMENDED LEVEL

Secondary 1 - Secondary 5

NO. OF PARTICIPANTS

Min. 40 pax (per session)

Max. 120 pax (per session)

Max. 40 per bus

Each session can take up to 3 buses of students.



Participants will embark on a self-directed game-based learning outdoor trail to uncover how modern security threats have evolved to take on a more covert and sinister nature. Participants will role-play as investigators on a mission to foil a bomb threat by deciphering clues and visiting four to six different historic sites that are suspected to be the possible location of the soon-to-happen bomb blast. Using the clues obtained at each site, participants will learn about Singapore's defence history and how modern security threats have evolved to take on a more complex nature that demands citizens to play a more active role.

The outdoor trail starts at Merlion Park and after the brief, the gameplay will guide participants to meet up with station masters located at the iconic defence history landmarks listed below:

- Cenotaph
- Old Singapore Volunteer Force HQ
- Fort Canning
- Padang
- Central Fire Station
- The Fullerton
- Lim Bo Seng Memorial

At each site, participants will uncover the historical context and defence-related significance behind each landmark. They will also collect clues to solve the bomb-threat mystery which demonstrates the evolving nature of modern security threats.

"Big thank you to the teachers and SDC for organising this. Really grateful that we could do something as cool as this." - Secondary School Student

TOTAL DEFENCE BADGEWORK PROGRAMME

LEARNING OBJECTIVES

1. Deepen understanding of Total Defence by highlighting its increasing relevance for a progressively complex future.
2. Promote active citizenry through the Appreciation, Application and Advocacy (3As) model.

DURATION

2.5 - 3 hours
(inclusive of break)

NO. OF PARTICIPANTS

Min 25 pax (per class)

Max 40 pax (per class)

"There is a good mix of hands-on activities." - Secondary School Teacher

"I liked the interactive activities at the Singapore Discovery Centre." - Secondary School Teacher



Deepen understanding and be an advocate of the six pillars of Total Defence through interactive activities conducted in-centre and by exploring the Permanent Exhibits Gallery. Appreciate the importance of Total Defence and how it has helped Singapore navigate evolving challenges.

PART 1: BRONZE BADGE (3 HOURS)

Introduction to Total Defence [1 hour]

Students will be introduced to the 6 pillars of Total Defence by exploring our revamped interactive Permanent Exhibits Gallery. To deepen learning, students will participate in action puzzles and quizzes.

'Guardians of the City' (GOTC) Group Activities [1.5 hours]

By engaging in the GOTC card game, students will learn about Singapore's vulnerabilities and how Total Defence is crucial in safeguarding our country.

PART 2: SILVER BADGE (3 HOURS)

'Singapore, My Home to Defend' [1 hour]

Students will partake in a variety of activities to better understand the challenges faced by Singapore today. Through the games and activities, students should better appreciate Singapore's vulnerabilities and the relevance of Total Defence.

'Guardians of the City' (GOTC) Group Activities [1.5 hours]

Students will demonstrate understanding of the complex threats Singapore faces and advocate for Total Defence by designing a lesson plan to teach their peers about Total Defence through the GOTC card game.

PART 3: GOLD BADGE (3 HOURS)

Recap of Total Defence [1 hour]

Students will demonstrate knowledge of the 6 pillars of Total Defence through video activities and interactive quizzes. They will also explore our revamped Permanent Exhibits Gallery to gain new insights to the relevance of Total Defence to Singapore's future.

Lesson Design [1.5 hours]

Students will learn how to design a meaningful engagement campaign centering on Total Defence and Active Citizenry to encourage their peers to make a difference in their community.

EDUCATORS' RETREAT

LEARNING OBJECTIVES

1. Encourage staff bonding and team building.
2. Understand the importance of National Education and learn to appreciate how far Singapore has come, celebrating her unique culture through a series of activities.

DURATION

Half-Day and Full-Day Packages available

RECOMMENDED LEVEL

Educators

NO. OF PARTICIPANTS

Min. 70 pax / Max. 150 pax



Singapore Discovery Centre opens its doors to schools who would like to hold their retreat away from school. Work with our programmers to plan a fun and enriching day out for your staff or book our venues to conduct your own meetings and activities. Make full use of our resources (Permanent Exhibits Gallery, Escape Room, Laser Tag, Paintball etc.), venues and the relaxing view of our lake as you work and plan.

The programme aims to curate a memorable NE experience for educators! Have a fun and engaging day at SDC with our wide range of facilities and NE resources.

EDUCATORS' LEARNING JOURNEY (SG THROUGH ART)

LEARNING OBJECTIVES

1. Encourage staff bonding through outdoor activities.
2. Appreciate our diverse cultures through experiencing the exciting world of art and murals.
3. Explore the rich history and heritage of Singapore and appreciate the social cohesiveness amongst the various cultures.

DURATION

4 hours
(Including travelling time)

RECOMMENDED LEVEL

Educators / Non-teaching or administration staff

NO. OF PARTICIPANTS

Min. 32 pax (per bus)



Have a fun and engaging day exploring various heritage sites!

PRE-TRAIL BRIEFING

A mass briefing will be conducted at an arranged location prior to the trail.

OUTDOOR TRAIL (APPROX. 4 HOURS)

Learn more about the history embodied in some of our heritage-rich locations through the writings on the wall. The recent flourishing of murals and art in SG help to tell the Singapore story in a fresh and relevant manner.

Free & easy time will also be dedicated for participants to do self-exploration of the sites and to try some of the yummy delights.

CHOICE OF VENUES [PLEASE CHOOSE 2]

- Chinatown
- Kampong Glam
- Little India

VENUES AT SINGAPORE DISCOVERY CENTRE

Planning a school event or function? At Singapore Discovery Centre, we go beyond just providing our unique spaces for your event. With our dedicated and experienced Account Managers, we ensure that your event will be a successful and memorable one.

Treat our spaces as blank canvases that hold endless possibilities when it comes to catering for your event's every need.

Singapore Discovery Centre has excellent indoor and outdoor venues that are ideal for a wide variety of events such as sports day, school festivals, seminars, trainings and more.



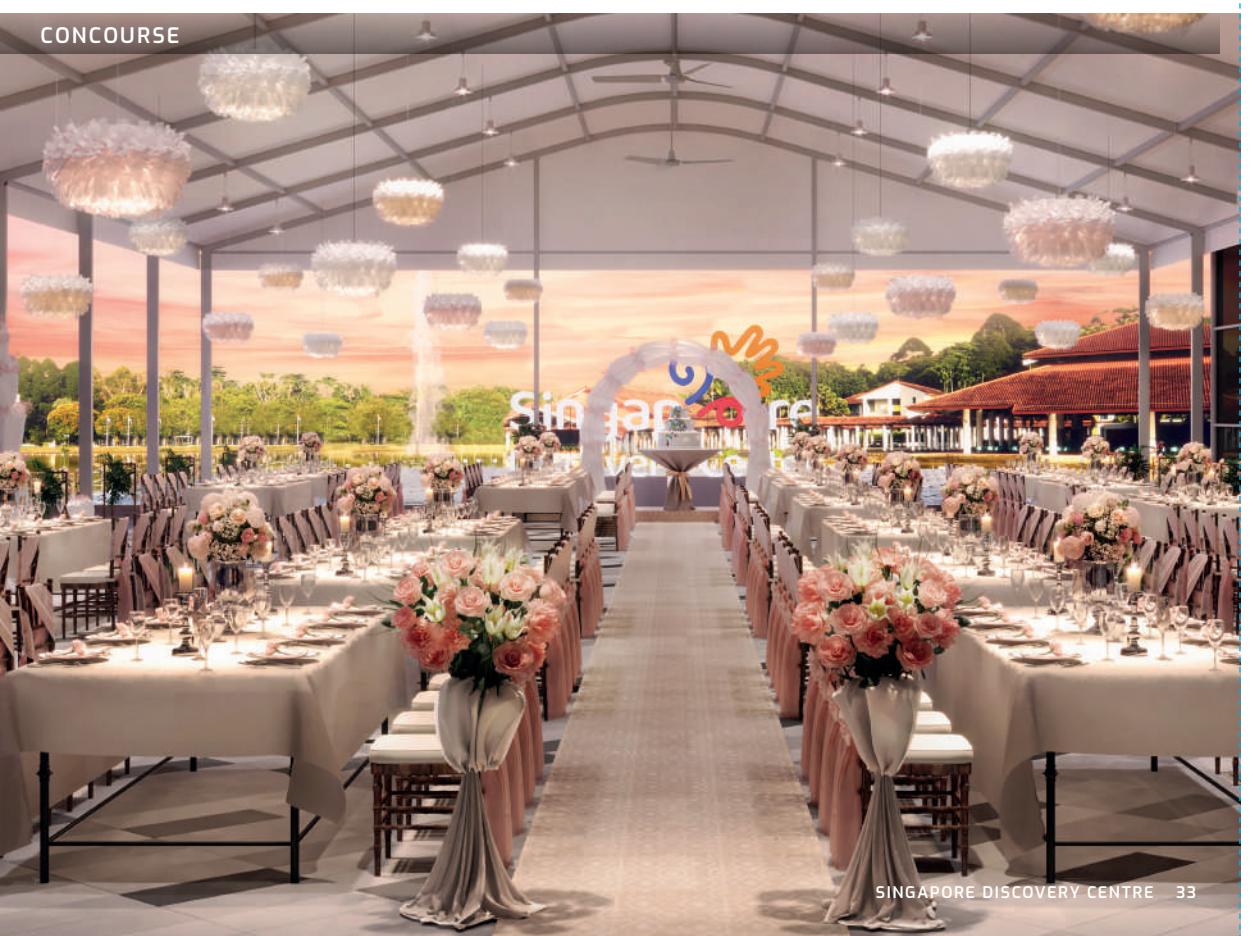
FUNCTION ROOM



LOYALTY / CONFIDENCE / UNITY CLASSROOMS



DISCOVERY HALL



CONCOURSE

ATTRACTI0NS & TOURS



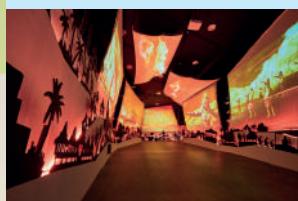
BLACK LAKE LASER BATTLEFIELD

Experience the brand-new laser tag attraction, featuring cutting-edge immersive projection mapping technologies deployed for the first time in Singapore. Gear up with your family and friends for an adventure and feel the adrenaline rush!



PEG GUIDED TOUR

Journey through time to experience the evolution of Singapore and discover how we triumphed through tumultuous times and turned challenges into opportunities, guided by the Singapore Spirit that continues to shape us today.



PERMANENT EXHIBITS GALLERY – THROUGH THE LENS OF TIME

Step into an all new immersive and interactive journey of The Singapore Story. Explore and be intrigued by new perspectives of key moments in our nation's past through the use of enhanced technology such as Augmented Reality (AR).



XD THEATRE

The XD Theatre, boasting advance technology in 4D simulation rides, features thrilling films such as Sky Hunt 4D, Pinocchio and Dino Safari.



SAFTI MI BUS TOUR

Hop onto our electric bus for an exclusive tour of SAFTI Military Institute around the 88-hectare training ground for officers-to-be.



IWERKS THEATRE

Equipped with a five-storey high screen, this 344-seater theatre invites you to a truly cinematic and realistic sensory experience.



CROSSFIRE PAINTBALL

Aim, Squeeze and Fire! Battle it out with your friends at Singapore's first multi-tiered Paintball arena! Lane Shooting and Team Play available.



BLACK LAKE FACILITY

Singapore's largest multi-storey escape room attraction, covering 13 rooms across four themed chapters intertwined in one story. Unravel the story and get drawn into the mysteries!



ECO-SUSTAINABILITY TOURS

Enjoy a fully sensorial eco-sustainability tour around SDC. Learn about our solar panel installations and learn more about herbs and greens at the urban garden.



OUR TEAM

Meet the talented and passionate team behind our programmes!



At Singapore Discovery Centre, we have a diverse team of seasoned professionals who are well versed, innovative, and creative to develop fun, engaging and cognitively stimulating programmes for students of all levels from Pre-school to Post-Secondary.

We have extensive experience facilitating a range of thought-provoking National Education programmes through physical in-centre and outreach, and digital channels. We believe that this diversity brings great value not only to us as a team but also to you, our teachers and students.

Join us on this learning journey and book a programme with us now!

Calendar of Events 2023

Total Defence 2023

January

- Total Defence Day School Programme
- C2DA
- Outdoor Trails

1 Jan (Sun) - New Year's Day
22 Jan (Sun) & 23 Jan (Mon) - Chinese New Year



February

- Total Defence Day School Programme
- N.E.mation! Award Ceremony



March

- Total Defence Day School Programme
- SG Story Guided Tour + SAFTI MI Bus Tour
- Living Green Eco Tour

11 Mar (Sat) to 19 Mar (Sun) - School Holidays



International Friendship | Mid-Year Programme

April

- International Friendship Day
- SG Story Guided Tour + SAFTI MI Bus Tour
- Living Green Eco Tour

7 Apr (Fri) - Good Friday
22 Apr (Sat) & 23 Apr (Mon) - Hari Raya Puasa

May

- International Friendship Day
- Mid-Year Programme
- Operation Carbon - Scavenger Hunt

1 May (Mon) - Labour Day
27 May (Sat) to 25 Jun (Sun) - School Holidays

June

- School Holidays
- Camp 1N

1 Jun (Fri) - Vesak Day
29 Jun (Thu) - Hari Raya Haji
27 May (Sat) to 25 Jun (Sun) - School Holidays



Calendar of Events 2023

Racial Harmony | National Day Programme

July

- Racial Harmony Programme
- NEF Engagement
- Eco-sustainability



August

- National Day Programme
- 9 Aug (Wed) - National Day



September

- Outdoor Trails
- Camp

1 Sep (Fri) to 10 Sep (Sun) - Teachers' Day
2 Sep (Sat) to 10 Sep (Sun) - School Holidays



Year-End Programme

October

- Children's Day
 - Year-End Programme
 - Team Bonding Programme
 - Halloween
- 6 Oct (Fri) - Children's Day

November

- Year-End Programme
 - Staff Retreat
- 12 Nov (Sun) - Deepavali
18 Nov (Sat) to 31 Dec (Sat) - School Holidays



December

- School Holidays
 - D&D
- 25 Dec (Mon) - Christmas Day
18 Nov (Sat) to 31 Dec (Sat) - School Holidays

CORPORATE MEMBERSHIP (SCHOOL)

1-YEAR
MEMBERSHIP AT **\$350**

2-YEAR
MEMBERSHIP AT **\$600**

*Additional Card Fee at \$300 per card

MEMBER BENEFITS

- Member Rates for All Educational Programmes, Events, Commemorative Days, Student Camps and School Staff Retreats.

- Free redemption of **4x XD Theatre Ride per card per day** (subject to the minimum 1.2m height requirement)

- Free redemption of up to **4x iWERKS Blockbuster 2D / 3D movie tickets per card per day**

- Redeem **one complimentary resource** per membership year upon sign up.

- Our Singapore Stories Film (DIY resources, 2 Films)

- Redeem **one complimentary resource** per membership year with minimum 200 students' participation in any SDC's In-centre Educational Programme.

- Our Singapore Stories Film (Facilitated at School, 1 Film)

- Each card is entitled to
 - 4x FREE admission tickets to Singapore Discovery Centre's Permanent Exhibits Gallery
 - 4x FREE admission tickets to SAFTI MI Bus Tour (subject to availability) for every visit

MEMBER DISCOUNTS

**20%
DISCOUNT**



ESCAPE
ROOM



CROSSFIRE
PAINTBALL



LASER
TAG



ARCHERY
TAG



XD THEATRE
RIDE



GUIDED TOUR
(including 'Living Green' Eco Tour)



PEG TICKETS
(additional tickets for Non-Singaporeans)

**10%
DISCOUNT**



SHOP
@SDC



CAFE



For more information, please email education@sdc.com.sg.

BOOKING INFORMATION

Prior bookings are encouraged for schools who intend to visit SDC. Please note that the Permanent Exhibits Gallery (PEG) and school programmes are very popular with students, especially during peak periods such as NE Commemorative Days and post-exams.

It is recommended that schools should enquire and book at least 1 month ahead of the intended date of visit to avoid disappointment.

For customised programmes or special events which your schools wishes to invite SDC to be your choice Learning Journey partner, a preliminary meeting should be arranged as early as possible.

Our friendly Account Manager(s) will be happy to advise you with suitable programmes and assist with the booking process. Kindly contact them to make a reservation.

Please visit SDC's website for more details on our school programmes and the latest updates on our exciting calendar of events.

For enquiries and / or booking of educational programmes, please email us at education@sdc.com.sg.

Scan to visit our website

