

# SINGAPORE DISCOVERY CENTRE



# ADDRESS BY EXECUTIVE DIRECTOR

Dear Educators, NE/CCE practitioners,

2020 has been an extraordinary year as the nation continues to grapple with the effects of Covid-19. Prime Minister Lee had referred to how our Pioneer Generation powered through the separation, our Merdeka Generation resolved to make the fledgling Singapore succeed against all odds and how it is now time for our current generation to step up to overcome this crisis. How Singapore overcomes this crisis, will define us and our current generation. This is the Crisis of our Generation. At this inflection point, the Singapore Discovery Centre too has endeavoured to play its part. Many of our colleagues participated in building the Community Care Facilities at Changi Exhibition Centre and a temporary dormitory at Kranji.

As school programmes and Learning Journeys (LJs) were affected by Covid-19, we pivoted to digital outreach to rally community support during these trying times. We digitalised the Total Defence Day 2020 programmes and incorporated Covid-19 messages. We also piloted a digital version of the Racial Harmony and National Day (RHND) programmes, which reached over 16,000 students from Primary to PSEIs within a 1 month period. The National Education (NE) talks by our Commitment to Defence Ambassadors (C2DAs) were similarly adapted through online platforms.

Singapore Discovery Centre is committed to being at the forefront of pedagogical innovations to offer fun, engaging and cognitively stimulating programmes for students and educators. This includes venturing into new areas like role-playing, game-based learning, scenario-based learning and serious simulations. Enhancements are being made to our travelling exhibitions, gamification, outdoor trails and design of portable programmes that can be brought to schools. On the digital front, we will explore new forms of engagement, such as hosting large scale online events, virtual escape rooms, virtual amazing races, online social deduction games and online team building activities. By widening our strong network of



NE partners, we will further augment our MOE programmes with authentic primary sources.

Moving forward into 2021, sustainability will be an important focus area. As our society responds to the existential threat of climate change, we have introduced new and enhanced programmes within this booklet to raise awareness and inspire in students the will to contribute to sustainability causes. These programmes also feature what we have done at the Singapore Discovery Centre, such as the floating solar panels on the lake and urban farming projects. In fact, to continue to keep ourselves fresh and appealing, the Centre has undergone major rejuvenation works on the Permanent Exhibits Gallery and incorporated new attractions such as the Escape Room, Laser Tag arena and Makerspace.

We look forward to having you visit us soon!

Best wishes and warmest regards,

**Joseph Tan**  
Executive Director  
Singapore Discovery Centre Limited

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## WHY SINGAPORE DISCOVERY CENTRE?

Hear the past, touch the present and see the future at the Singapore Discovery Centre. Be inspired!

Through our fun and interactive galleries and attractions, students and educators enjoy a multi-sensory learning experience while gaining insights into Singapore's dreams, aspirations and challenges.



# TOTAL DEFENCE DAY

## (FEBRUARY TO MARCH)

### LEARNING OBJECTIVES

- Understand how the 6 pillars of Total Defence (TD) contribute to building a strong, safe and cohesive nation in the face of new threats.
- Reflect on our past and analyse the importance of various institutions in defending our nation.
- Learn and understand new and evolving threats facing Singapore and their impacts on our way of life.
- Inspire students to critically think about their role in defending Singapore through the six pillars of Total Defence.

### DURATION

In-Centre - 3 hours  
(Inclusive of break)  
\*Digital - 1 hour

### NO. OF PARTICIPANTS

Min. 25 pax (per session)  
*Cohort visits are highly recommended.*

### COST

Member: \$10 per pax  
Non-Member: \$12 per pax



*"We have a deeper understanding of defending our nation." – JC student*



Join us to uncover a devious plot to bring down Singapore. Students will strategise as TD Defenders to respond to various threats (especially new evolving threats) through teamwork. Learn about how every one of us can contribute to the security of Singapore and our shared way of life.

### TOTAL DEFENCE TRAIL

In teams, students will explore the Special Exhibition and newly rejuvenated Permanent Exhibits Gallery and engage in challenges to apply the six pillars of Total Defence. They will also pit their skills in solving the elaborate plot to bring down Singapore. In the process, they will learn about the new and evolving tangible and intangible threats to our nation's survival.

### DIGITAL DEFENCE AND FILM ENGAGEMENT\*

Digital Defence is the newest pillar of Total Defence and permeates everyday life. Discover how different types of cyberattacks could potentially affect us. Engage in some "fake news reporting" after watching our exclusive Singapore Stories Film. See how social fault lines can be easily created through spreading fake news.

### SCDF SPECIAL SHOWCASE

Students will acquire skills and knowledge to protect their families and themselves during crises and emergencies. The skills include simple CPR, basic first aid and fire-fighting skills during emergencies and crises such as natural disasters.

\*For schools which may face constraints in bringing students out for Learning Journeys, we offer this component as an online programme. More details will be sent via Electronic Direct Mailer closer to the start of the programme.

# MID-YEAR POST-EXAMS

## (APRIL TO MAY)

\*The programme is offered in commemoration of International Friendship Day (IFD) in the month of April.

### 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 how an open and connected Singapore can bring new opportunities and growth in ASEAN and the globalised world, including the ASEAN Economic Community (AEC).
3. Reflect on how a global outlook will impact Singapore's survival and success.

### DURATION

3 hours (Inclusive of break)  
\*Digital - 1 hour

### NO. OF PARTICIPANTS

Min. 25 pax (per session)  
*Cohort visits are highly recommended.*

### COST

Member: \$10 per pax  
Non-Member: \$12 per pax



Embark on an exciting journey to learn about the importance of friendship and cooperation in an interconnected world. Appreciate the diversity of views that people from countries around the world bring to Singapore. Understand Singapore's role in the world through a variety of immersive and engaging activities.

### HUNGRY GAMES

How much do you know about how the food that we consume reaches us in its various forms? What would you do if we no longer have access to food resources? Against the backdrop of an unprecedented crisis, you must battle for the limited food resources available to keep your family alive! Through this immersive game, students will learn the importance of food security and appreciate the threats and opportunities globalisation poses to Singapore.

### COMBAT BITES

Grab a bite and discover how combat rations from around the world can tell us interesting aspects of the countries' cultures and the importance of our defence ties with other countries. Students will get to sample some combat rations in this immersive learning station.

### SG STORIES FILM & CUISINE CHALLENGE

Watch a film that will allow students to reflect on the importance of having an open mindset and appreciate the diversity of views in our cosmopolitan society. Students will be facilitated through a post-activity that will see them create their own fusion dish!

### DIGITAL PROGRAMME OFFERING: STRATEGIES FOR FOOD SECURITY IN SINGAPORE

Did you know that Singapore topped the 2019 Food Security Index despite importing more than 90% of our food from overseas? Students will learn the importance of food security and appreciate the measures that our country is taking to address this issue.



*"Students were engaged through hands-on, experiential learning."*  
- JC teacher

*\*For schools which may face constraints in bringing students out for Learning Journeys, we offer this component as an online programme. More details will be sent via Electronic Direct Mailer closer to the start of the programme.*

# RACIAL HARMONY / NATIONAL DAY (JULY TO AUGUST)

## LEARNING OBJECTIVES

1. Understand how youth can actively contribute to sustaining racial harmony in Singapore.
2. Appreciate Singapore's vulnerabilities and seize opportunities to strengthen Singapore.
3. Recognise how the digital social media landscape can be a threat to Singapore and responsible internet usage is key to preserving Singapore's peace and harmony.

## DURATION

In-Centre - 3 hours  
(Inclusive of break)  
\*Digital - 1 hour

## NO. OF PARTICIPANTS

Min. 25 pax (per session)  
*Cohort visits are highly recommended.*

## COST

Member: \$10 per pax  
Non-Member: \$12 per pax



*"Students learn something new as they are below 21 years old and election is something they have little or no knowledge so it is refreshing for them to learn from SDC's programme." - ITE Teacher*

*"It gave me a view on how polling day is like as I will be voting in 5 years' time. This is actually very beneficial for me." - ITE student*



Join us for an immersive experience exploring different ways youth can contribute actively to strengthening Singapore and the Singaporean identity. Students will appreciate the fragility of peace and recognise how irresponsible online behavior has larger implications on society. This program encourages youth to become active contributors who sustain Singapore's peace and racial harmony.

## 'JOURNEY TO NATIONHOOD' TRAIL

Students will engage in game-based learning where they learn about the milestones Singapore took towards nationhood through interactive exhibits. The trail highlights how the peace and harmony Singapore enjoys today is something hard-earned and should not be taken for granted.

## SG STORIES FILM SCREENING

Enjoy a short film centered on Singapore's multiculturalism produced by our local student talent. Discover how youth can play an active role in preserving racial harmony through a post-film facilitated reflection.

## DIGITAL PROGRAMME OFFERING: EVERYDAY HEROES ONLINE\*

Through digital engagement, students are made aware of how insensitive social media usage can threaten Singapore's peace and harmony. Students will appreciate how responsible internet usage entails kindness and learn ways to actively contribute to preserving harmony on the digital front.

\*For schools which may face constraints in bringing students out for Learning Journeys, we offer this component as an online programme. More details will be sent via Electronic Direct Mailer closer to the start of the programme.

# YEAR-END POST-EXAMS (OCTOBER TO NOVEMBER)

## LEARNING OBJECTIVES

1. Understand what it takes to create a smart and sustainable Singapore.
2. Appreciate how innovation has played a key role in shaping Singapore's future.
3. Be inspired to consider future possibilities when thinking of solutions that are both smart and sustainable.

## DURATION

In-Centre - 3 hours  
(Inclusive of break)

\*Digital - 1 hour

## NO. OF PARTICIPANTS

Min. 25 pax (per session)

*Cohort visits are highly recommended*

## COST

Member: \$10 per pax  
Non-Member: \$12 per pax

*"Students feedback that they enjoyed the races as it is free and easy and they have a choice among themselves to decide which station to go to." - ITE Teacher*



'Does a Smart Nation = Sustainable Nation?' Join us as we uncover what it takes to be a Smart and Sustainable Nation through a game show and solar car workshop.

## GAME SHOW\*

Did you know there are 5 focal areas in the Sustainable Singapore Blueprint? Why did Singapore embark on its Smart Nation journey? Participate in an exciting game show where students will discover different aspects of Smart Nation and Sustainable Nation.

## SOLAR CAR WORKSHOP

What are the sustainable alternatives to petrol cars? Get some hands-on fun in assembling a solar car and challenge your friends in a thrilling race. Students will also learn more about other applications of solar energy and ponder about what an increasingly solar-powered Singapore will look like.

*\*For schools which may face constraints in bringing students out for Learning Journeys, we offer this component as an online programme. More details will be sent via Electronic Direct Mailer closer to the start of the programme.*

# C2DA ENGAGEMENT (NEW!)

## LEARNING OBJECTIVES

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

## DURATION

1 - 1.5 hours (Inclusive of break)

## 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 Ambassador LTC (NS) Darren Tan*

Students get to meet and interact with Commitment to Defence Ambassadors (C2DA) who are 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 the five topics for the engagement:

- Playing your part during COVID-19 pandemic and Total Defence
- Important of National Service
- 1964 Racial Riots
- Overseas Peacekeeping Operations
- Humanitarian Assistance Disaster Relief Missions

Schools can also choose between online engagement or physical sharing by C2DA ambassadors.

# 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)

*Programme is only conducted on weekdays*

## NO. OF PARTICIPANTS

Min. 24 pax (per session)

Max. 40 pax (per session)

## COST

Member: \$12 per pax

Non-Member: \$15 per pax



Be engaged in understanding the current climate of terrorism and envision how to play a part in keeping Singapore safe. Students will experience a different approach via paintball gameplay in tackling the issue of counter-terrorism. Suitable for all students above 14 years old.

## CLASS-BASED ACTIVITY: UNDERSTANDING THE TERRORISM CLIMATE [30MINS]

Learn about the rising terror threats around the world, the region and Singapore. Students will learn how they have a part to play against terrorism, through vigilance and resilience (Total Defence and SGSecure).

## EXPERIENTIAL PAINTBALL GAMEPLAY & DEBRIEF: BEING A COUNTER - TERRORIST! [2HRS 30MINS]

Students will play against each other in teams, with scenarios testing the students' ability to be vigilant and resilient using SGSecure techniques (e.g. Run, Hide, Tell). The programme will conclude with a debrief session on how students should respond in times of crisis, and what they can do to keep Singapore safe.

# HARD TRUTHS ON SECURITY

## LEARNING OBJECTIVES

1. To gain insight on geopolitical threats faced by Singapore in the past and the new challenges faced in the present and in the future.
2. To appreciate the need for a citizenry armed force in tandem with National Service to safeguard national interest.
3. To understand how every creed, race and group play an active role in defending Singapore.

## DURATION

3 hours (inclusive of break)

## NO. OF PARTICIPANTS

Min. 60 pax (per session)

Max. 120 pax (per session)

## COST

Member: \$4 per pax

Non-Member: \$5 per pax

*"Very eye-opening and interesting.  
We must ourselves defend  
Singapore!" - Student*

*"It was a very informative experience  
and I thoroughly enjoyed it!"  
- Student*



What are some of the geopolitical threats faced by Singapore today and in the future? Is there a real need for the Singapore Armed Forces (SAF) and National Service today? This programme aims to provide answers to some of the questions that students may have with regard to Singapore's defence and security. Students will have the opportunity to find out more about the experiences of NS from past to present and interact with subject matter experts, who will shed further light on the increased relevance of SAF and NS in today's ever-changing security environment.

# SG STORY GUIDED TOUR

## LEARNING OBJECTIVES

1. Discover and appreciate our Singapore Story.
2. Explore various contemporary issues which are of interest to PSEI students.

## DURATION

In-Centre - 3 hours  
(Inclusive of break)

## COST

Member: \$3 per pax  
Non-Member: \$4 per pax



This programme provides a good introduction to the Singapore Discovery Centre. Students can learn and appreciate the Singapore Story through multi-media exhibits and guided tours of the Singapore Discovery Centre & SAFTI. They will be encouraged to reflect on the relevance of National Education (NE) in their lives and how they can do their part to contribute as active citizens.

## SINGAPORE DISCOVERY CENTRE GUIDED TOUR

Discover the Singapore Story together with our Singapore Story Guides who will take you through our Permanent Exhibits Gallery (PEG) and Special Exhibition (where applicable).

## SAFTI BUS TOUR

Take a ride on our SAFTI bus and view the 88-hectare training ground for officers-to-be. This tour will offer a unique glimpse into the life of an officer cadet and the role of the SAF in the security and defence of Singapore.

## 'SINGAPORE STORIES' FILM VIEWING (OPTIONAL)

Be moved by our latest 'Singapore Stories' films! Produced by our local polytechnic students, these films reflect our youth's interpretations of the Singaporean identity and values like resilience, racial harmony and courage in the face of adversity.

# WE THE PEOPLE

## LEARNING OBJECTIVES

1. Understand the concept of national identity.
2. Understand the challenges to building national identity in a globalised world.
3. Explore the Singaporean identity and examine your role in the construction and shaping of our Singaporean identity.

## DURATION

3 hours (Inclusive of break)

## NO. OF PARTICIPANTS

Min. 20 pax (per session)

Max. 75 pax (per session)

## COST

Member: \$4 per pax

Non-Member: \$5 per pax



NE-RELATED &  
CURRICULUM

This programme aims to offer students an opportunity to explore and (re)discover their understanding of the Singapore Story and key milestones of our nation building years as well as the evolution of our Singaporean identity.

Through interactive activities like opinion polls, students will get a sensing of their peers' views on hot button national issues and be given a platform to discuss them. This engaging experience will help students learn and appreciate how and why Singapore is a success today and the important role that Singaporeans play in shaping our national identity and society.

# MODEL PARLIAMENT

## LEARNING OBJECTIVES

1. Understand the main functions of the Parliament and how bills are debated on and passed into law.
2. Understand the rigour of the decision-making process and how the various ministries in Singapore partake in the parliamentary debate and make their decisions in a representative democracy.
3. Identify with the roles of the various agencies (Ministry/ GRC/NMP) and articulate their stand in the Model Parliament.

## DURATION

3 hours (Inclusive of break)

## NO. OF PARTICIPANTS

Min. 50 pax (per session)  
Max. 100 pax (per session)

## COST

Member: \$9 per pax  
Non-Member: \$10 per pax



"Parliament" in Session

Students will role-play as Ministers or Members of Parliament (MPs) and debate on the general merits and impacts of a motion. During the mock parliamentary debate, students will gain a deeper understanding of issues that affect our nation. They will then present their findings and understand the perspectives brought forth by other ministries and the public. Through this programme, students will understand the rigour in law-making and how clear legislature proceeding is important in the principle of governance.

## PART 1: UNDERSTANDING THE PARLIAMENT OF SINGAPORE

Students will get a brief overview of legislature in Singapore and find out who makes up the Parliament. They will also look at the motion which will be put up for debate, and understand the contemporary issues related to the motion.

## PART 2: GUIDED TOUR – PERMANENT EXHIBITS GALLERY

Our Singapore Story Guides will bring students on a tour around our PEG or special exhibition (where applicable).

## PART 3: PREPARING THE SPEECH FOR THEIR MOTION

Students will learn the parliamentary debate protocols, draft their speech and begin discussions and lobbying.

## PART 4: PRESENTING THE SPEECH ON THEIR MOTION & VOTING AND RESULTS

A parliamentary set up will take place. Ministers/Members of Parliament will be invited to share their stand on the motion and votes will be cast for or against the motion. The session concludes with a reflection on the legislature process in Singapore.

# MODEL ASEAN MEETING

## LEARNING OBJECTIVES

1. Gain better understanding of ASEAN countries.
2. Appreciate the decision-making process through the ASEAN Way.
3. Encourage interest and involvement in contemporary issues that affects Singapore and the region.
4. Develop skills in public speaking, critical thinking and problem solving, as well as to promote teamwork and collaborative learning.

## DURATION

3 hours (Inclusive of break)

## NO. OF PARTICIPANTS

Min. 30 pax (per session)

Max. 75 pax (per session)

## COST

Member: \$9 per pax

Non-Member: \$10 per pax



In this programme, students will gain insights into the purpose of and operations within ASEAN. Taking on the role of different ASEAN countries, students will discuss regional and international issues and bring forth their countries' positions on these issues to suggest common resolutions.

The programme aims to deepen students' understanding of the countries within ASEAN. Through the decision-making process, students will also understand and appreciate the ASEAN Way and learn how ASEAN member states address regional issues through diplomatic means. Using a role-playing, hands-on approach, students will develop skills in public speaking, critical thinking and problem solving. The programme also promotes teamwork and collaborative learning.

## PART 1: UNDERSTANDING ASEAN

In this segment, students will understand the history and structure of ASEAN and analyse the issue raised for the ASEAN meeting. Reading materials and online resources will be provided for students to gain a deeper understanding of the issue in discussion.

## PART 2: UNDERSTANDING THE MEMBER COUNTRIES AND PREPARING THE POSITION PAPER

With the help of games and quizzes, students will explore the unique setting of the ASEAN country that they represent. In groups, they will draft the Position Paper (in the form of presentation slides) to explain the stand their representing country is taking with regards to the issue in discussion.

## PART 3: PRESENTING THE POSITION PAPER

In a mock ASEAN meeting setting, students will present their Position Paper to the ASEAN assembly. Students will have to lobby for support in their speeches by presenting their ideas clearly, supporting their points with relevant data and arguments.

## PART 4: CLOSING SESSION

The facilitator will close the session in the role of Secretary - General of ASEAN. He/she will reiterate the aims of ASEAN and reflect on the importance of ASEAN as a regional organisation.

# MODEL UNITED NATIONS SECURITY COUNCIL MEETING (NEW!)

## LEARNING OBJECTIVES

1. To gain clear understanding of the functions of the UN Security Council.
2. To encourage interest and involvement in contemporary security issues that affect Singapore and the world.
3. To develop skills in research, public speaking, critical thinking and problem solving, as well as to promote teamwork and collaborative learning.

## DURATION

6 hours (Inclusive of break)

## NO. OF PARTICIPANTS

Min. 40 pax (per session)

Max. 75 pax (per session)

## COST

Member: \$9 per pax

Non-Member: \$10 per pax



This is a new programme that aims to enhance students' understanding of defence and security issues that affect the world. By analyzing current or fictional conflicts, students will understand the tradeoffs and constraints in UN peacekeeping missions. Through the programme, students also study how diplomacy and deterrence play a part in resolving global issues and maintaining world peace.

## PART 1: UNDERSTANDING THE ROLE OF THE UN SECURITY COUNCIL

Through different pedagogical approaches, students will understand better the role of the United Nations and how the UN Security Council plays a part in keeping world peace.

## PART 2: INTRODUCING THE AGENDA AND DRAFTING A POSITION PAPER

Through a series of speeches and readings, students will understand the details of the conflict affecting the world. They will then work as delegates of the member nations to draft the Position Paper that best represents the stand of their country.

## PART 3: PRESENTING THE POSITION PAPER

Students, in the role of delegates, will present their Position Papers. Through this process, students will acquire the skills to communicate effectively and to present ideas clearly in both written and oral forms.

## PART 4: NEGOTIATION AND DRAFTING OF RESOLUTION PAPERS

Delegates from each country will split and form new workgroups to draft resolution papers base on subtopics discussed in the agenda. (This may be carried out as a lunchtime discussion)

## PART 5: PRESENTING THE RESOLUTION PAPERS, VOTING AND CONCLUSION

In their new workgroups, students will present their resolution papers.

Countries will vote to object / pass the resolution. The session will close with students analysing the effectiveness of UN Security Council as an organisation that maintains world peace.

# LIGHTS, CAMERA, ACTION! - SINGAPORE STORIES FILM SERIES

## LEARNING OBJECTIVES

1. Appreciate local youth productions and understand how films are used to convey key citizenship dispositions.
2. Encourage students to reflect on key learning points and how they can contribute to Singapore.

## DURATION

1 hour

## NO. OF PARTICIPANTS

Min. 25 pax (per session)

Max. 60 pax (per session)



Film is not just a captivating art form for entertainment, but a potentially powerful educational tool which can enrich learning.

This programme uses high-quality short films to facilitate discussion, exploration and understanding of key citizenship dispositions. These student-produced films are from the Singapore Stories Film Series, an annual collaboration between the Singapore Discovery Centre and local polytechnics.

Activities conducted after the film screenings can also be centred around a variety of other topics, like media studies and industry-based learning programmes.

*"It was very useful by letting me know about how Singapore can work together efficiently to solve a problem."* – ITE Student – 'SQ117 – Men Behind the Masks'

*"We loved the show. Never saw my students so attentive before."*  
– JC Teacher

Here are some titles: (please contact us for the full list of Singapore Stories Films)

## DEFENCE & SECURITY

- SQ117 – Men Behind the Masks
- Azza

## RACIAL HARMONY/ GLOBALISATION

- Asam Pedas Ikan Salmon
- O Meri Jaane Jaan

*"Very interesting! This section helped me to be more prepared. Hope to have more videos."* – ITE Student – Men Behind the Masks'

# INDUSTRY-BASED PROGRAMME

## LEARNING OBJECTIVES

1. Observe how an attraction works, including behind-the-scenes operations.
2. Understand how Singapore Discovery Centre, as an attraction, is contributing towards Sustainability (Food and Energy).
3. Be aware of job challenges and opportunities as well as career prospects in the tourism/attraction industry.

## DURATION

3 hours (Inclusive of break)

## NO. OF PARTICIPANTS

Min. 70 pax (per session)  
Max. 120 pax (per session)

## COST

Member: \$4 per pax  
Non-Member: \$5 per pax



Students will explore the inner workings of the Singapore Discovery Centre (SDC) through exclusive back-of-house tours and interact with our staff to understand their roles in daily operations.

They will also learn more about the Singapore Discovery Centre's latest sustainability initiatives such as our urban farms (in support of the nation's '30 by 30' goal) and solar panel clusters (clean and renewable energy).

This programme offers 2 tracks for schools to choose from, according to their course alignment.

## TRACK 1: TOURISM & ATTRACTIONS MANAGEMENT

Gain a better understanding of the tourism industry in Singapore and how the Singapore Discovery Centre manages itself as an edutainment attraction & NE centre.

## TRACK 2: PROGRAMME & EVENTS MANAGEMENT

Singapore Discovery Centre is not just about exhibitions and tours. Find out how educational programmes and events contribute to footfall and customer experience.



# FUTURE ECONOMY TRAIL

## LEARNING OBJECTIVES

1. Learn more about the six strategies Singapore is deploying to reach the aim of industry transformation.
2. Understand the constraints faced by companies while embarking on industry transformation.
3. Apply the understanding of these constraints to suggest measures that can help individuals and companies thrive in the future economy.

## DURATION

4 hours (Inclusive of break)

## NO. OF PARTICIPANTS

Min. 25 pax (per session)

Max. 100 pax (per session)

## COST

Member: \$28 per pax

Non-Member: \$30 per pax



This programme aims to enhance students' understanding of the Singapore economy and the need for industry transformation. In small groups, students will tour industrial facilities to get first-hand experiences of the environment within a production plant. Students also get a chance to talk to industrial experts to understand the constraints faced by the enterprise in their business operations.

At the end of the trail, students will share their experiences in groups and devise action plans and measures to overcome the constraints faced by the enterprise.

This outdoor trail adopts inquiry-based and experiential learning approaches to provide an immersive learning experience. The trail allows students to learn about real life issues in an authentic setting, thus bringing learning to a level beyond the textbooks.

# YOUNG ETHNOGRAPHER'S TRAIL

## LEARNING OBJECTIVES

1. Introduction to research and data collection.
2. Analyse data, make meaningful interpretations and understand multiple perspectives.
3. Apply critical thinking skills in questioning latest contemporary issues, such as identities of communities, 'inclusive society' and socio-economic groups.

## DURATION

6 hours (Inclusive of break)

## NO. OF PARTICIPANTS

Min. 25 pax (per session)

Max. 300 pax (per session)

## COST

Member: \$22 per pax

Non-Member: \$24 per pax



In this programme, students take on the role as young ethnographers. Tasked with a project that helps them to understand deeper about the current issues that affect our community, students will embark on a unique and immersive learning journey to a range of cultural and geographical sites around urban Singapore.

Unlike the typical guide-centric tours, the Young Ethnographer's Trail allows students to carry out independent learning through guidance of the process of data collection and analysis. Students are given the opportunity to carry out different fieldwork techniques in order to investigate the given hypothesis. They also sharpen their observation and critical thinking skills and learn to empathise and see things from multiple perspectives through their fieldwork.

The trail is suitable for all students reading General Paper, Economics, Humanities and Project Work-based research projects. In addition, the programme effectively contributes to Character and Citizenship Education, providing students with opportunities to practice active citizenship in authentic settings.



# HERITAGE AND CULTURAL CHALLENGE

## LEARNING OBJECTIVES

1. Examine our rich multi-racial and multi-cultural society.
2. Understand the importance of racial harmony and social cohesion in a globalised world.

## DURATION

3 hours (Inclusive of break; does not include travelling time)

## NO. OF PARTICIPANTS

Min. 20 pax (per session)  
Max. 60 pax (per session)

## COST

Member: \$22 per pax  
Non-Member: \$24 per pax



This outdoor trail provides an authentic learning experience for students as they immerse themselves in the sights and sounds of our conserved historic districts such as Chinatown, Kampong Glam and Little India.

Aside from learning and appreciating Singapore's rich and diverse multicultural heritage, students will also learn about the commonalities across these cultures and reflect on latest issues such as the impacts of foreign cultural influences as a result of globalisation.

# OPERATIONS TRIPLE THREAT

## LEARNING OBJECTIVES

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

## DURATION

2.5 hours - 3 hours

## NO. OF PARTICIPANTS

Min. 70 pax (per session)

Max. 160 pax (per session)

## COST

Member: \$22 per pax

Non-Member: \$24 per pax



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 threat have evolved to take on a more complex nature which 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-related historical 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 threat.



*"The trail was very effective in conveying the message of being ever vigilant against security threats" – Junior College Student*

# TECH-ENHANCED OUTDOOR RACE (NEW!)

## (AVAILABLE FROM JUNE 2021 ONWARDS)

### LEARNING OBJECTIVES

1. Appreciate the importance of teamwork through hands-on activities that would require working together to achieve a common goal.
2. Build team rapport and inculcate a sense of camaraderie among team members.

### DURATION

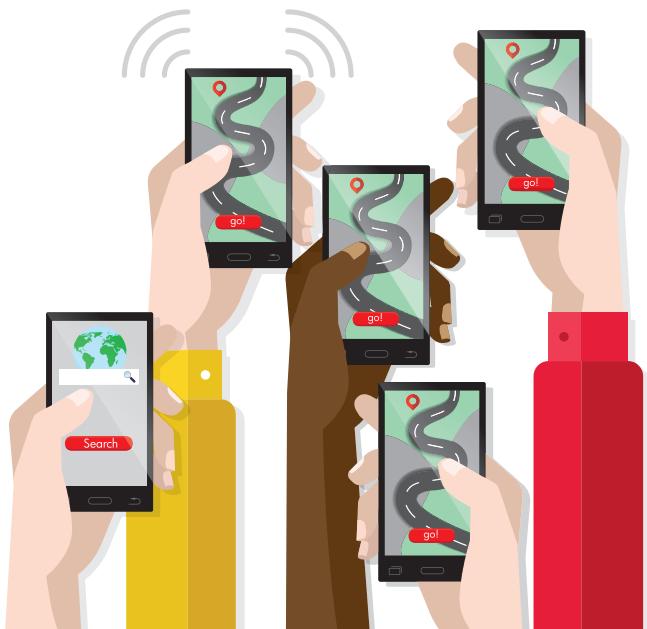
3 hours

### NO. OF PARTICIPANTS

Min. 100 pax (per session)  
Max. 500 pax (per session)

### COST

Member: \$14 per pax  
Non-Member: \$16 per pax



This race is hosted on the Singapore Discovery Centre's mobile app and can be held in school campuses. Students will have to download the Singapore Discovery Centre mobile app prior to the race.

### PART 1: BRIEFING [30MINS]

Facilitator outlines the programme and gets students to form teams. Students will be briefed on gameplay and how to use the app during the race.

### PART 2: ACTUAL RACE [2HRS]

Teams will be guided by the app to locate a series of learning stations within their school compound. At each station, teams will scan a marker to activate team-based activities, which they will have to complete to earn points. Teams can also check the in-app leaderboard to assess their performances compared to others.

### PART 3: DEBRIEF & CLOSING [30MINS]

Facilitator debriefs students on key learning points from the race and shares the importance of learning NE as a team. Students will also be prompted to complete an in-app survey.

# TRAVELLING EXHIBITION

## LEARNING OBJECTIVES

1. Learn more about the Singapore Story and be more aware of contemporary issues.
2. Reflect and discuss with peers on how youths can play a part in shaping Singapore's future.

## NO. OF PARTICIPANTS

Min. 1000 pax



Missed some of our current and interesting Special Exhibitions? We offer a variety of past titles covering contemporary issues or popular NE topics to choose from. Book them now and we will bring them to your school's doorstep! Each exhibition set comprises modular frames and panels that can be easily set up within your school compound.

Our exhibition titles include:

### TOTAL DEFENCE DAY

Power of 1  
Our Next Battlefront  
Will You Do You?

### INTERNATIONAL FRIENDSHIP DAY

ASEAN Pulse

### RACIAL HARMONY/ NATIONAL DAY

Racial and Religious Tensions around the World  
H.O.M.E (People. Place. Tomorrow)  
SG Shiok, Ulu and Steady Together!  
We're Singapore  
Our SG: Where I Belong

### OTHERS

Design Think Tank  
SG Tidbits 365

For a more meaningful engagement, we suggest pairing related titles with your school's NE commemorative day celebrations!

# NE-MAZING RACE

## LEARNING OBJECTIVES

1. Learn and appreciate the importance of teamwork through hands-on activities and working together to achieve a common goal.
2. Build team rapport and inculcate a sense of camaraderie with peers.

## DURATION

3 hours

## NO. OF PARTICIPANTS

Min. 100 pax (per session)  
Max. 500 pax (per session)

## COST

Member: \$9 per pax  
Non-Member: \$10 per pax



## PART 1: BRIEFING [30MINS]

Facilitator will outline the programme and get students to form teams. Students will be briefed on gameplay, rules and safety instructions.

## PART 2: NE-MAZING RACE [2HRS]

- Teams will locate learning stations and challenge themselves to complete a variety of team-based activities. The team that completes the race with the highest score and best timing wins.
- Students will explore the Permanent Exhibits Gallery (PEG) and Special Exhibition (where applicable) and learn NE in a fun way!

## PART 3: DEBRIEF & CLOSING [30MINS]

Facilitator will debrief students on key learning points from the race and share the importance of learning NE as a team.

# EDUCATORS' RETREAT

## LEARNING OBJECTIVES

1. Encourage staff bonding and teambuilding.
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

## COST

Member: \$10 (Half Day)

Non-Member: \$12 (Half Day)

Member: \$15 (Full Day)

Non-Member: \$18 (Full Day)



Singapore Discovery Centre opens its doors for educators and staff 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 hire 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 the Singapore Discovery Centre with our wide range of facilities and NE resources. The following additional components can be put together to meet your school's needs:

## SAFTI BUS TOUR

Hop onto our SAFTI bus and view the 88-hectare training ground for officers-to-be. This tour will offer a unique glimpse into the life of an officer cadet and the role of SAF in the security and defence of Singapore.

## GUIDED TOUR

Be immersed in a multi-sensory experience on a guided tour of the Singapore Discovery Centre's Permanent Exhibits Gallery to learn more about our nation building days, the uniqueness of Singapore and how Singapore looks to the future.

## STAFF NE-MAZING RACE

Be part of an exciting race to find out more about the Singapore Story through navigating challenges around the Singapore Discovery Centre. Participants will have the opportunity to bond with one another through team building activities.

## NEW HIGHLIGHTS

- Paintball
  - Escape Room
  - Laser Tag
  - and many more!
- (please contact our sales team for more details)

Schools can choose between 2 choices:

1. Organise their own retreat while Singapore Discovery Centre provide support as a venue provider
2. Engage Singapore Discovery Centre to organise the retreat (include venue usage, food catering, teambuilding activities and facilitation).

# EDUCATION PROGRAMME TEAM PROFILE

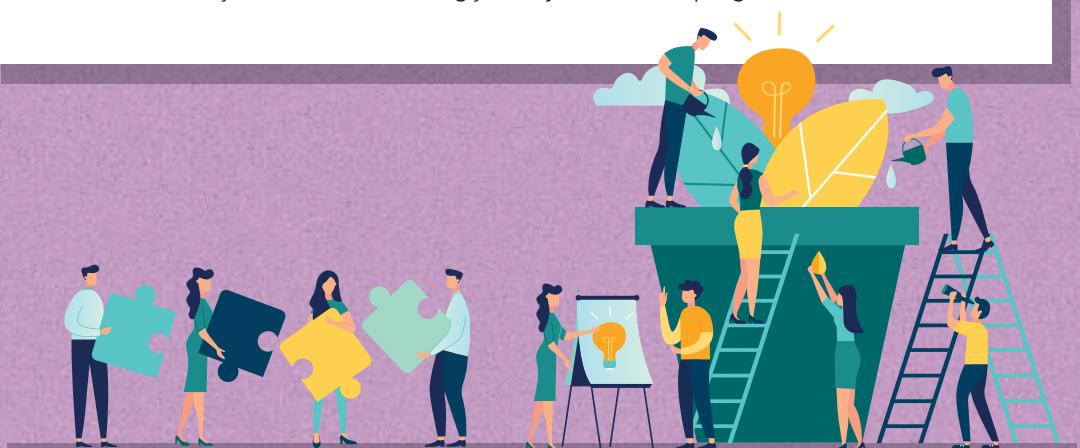
## OUR TEAM

Meet the talented and passionate team behind our programmes!



At the Singapore Discovery Centre, we have a diverse team of seasoned education professionals, well versed in Pre-school to Junior College programme development and education. We have extensive experience facilitating a range of thought-provoking National Education programmes. We believe that this diversity brings great value not only to us as a team but also to you, our teachers and students.

Come join us on this learning journey and book a programme now!



# 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 Camp and School Staff Retreat.

 Free redemption of up to **4x XD Theatre Ride per card per day**

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

 Redeem **one complimentary resource** per membership year with minimum 200 students' participation in Singapore Discovery Centre's In-centre Educational Programme that costs at least \$8 per student during the same membership year. Choose 1 resource (subject to availability) from (1) School Assembly Roadshow, (2) Our Singapore Stories Film : School Assembly (Outreach) Film Programme or (3) A1-Sized Mounted Poster.

 Each card is entitled to **4x FREE admission ticket to Singapore Discovery Centre Permanent Exhibits Gallery, 4x FREE SAFTI Bus Tour (subject to availability) & 4x FREE Singapore Stories Film ticket for every visit.**

## MEMBER DISCOUNTS

**20%  
DISCOUNT**



**XD THEATRE  
RIDE**



**CROSSFIRE  
PAINTBALL**



**ADDITIONAL  
PEG TICKETS**



**LASER TAG**



**PEG GUIDED  
TOUR**



**ESCAPE ROOM**



**ADDITIONAL  
IWERKS SHORT FILM**

**10%  
DISCOUNT**



**RETAIL  
OUTLET**



**F&B  
OUTLET**

For more information, please contact your account manager or email [membership@sdc.com.sg](mailto:membership@sdc.com.sg).

**PSEI**

**Mr Remus Sng**

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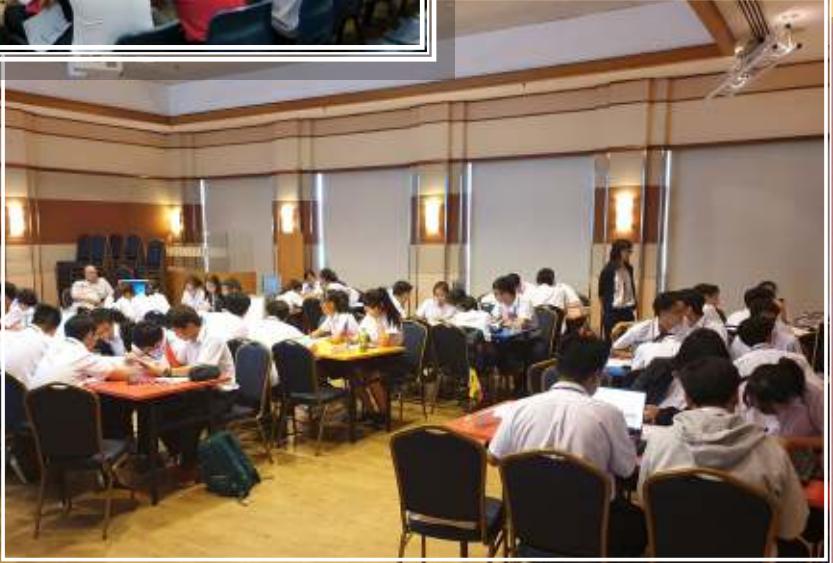
**Total Defence Day ▶**  
Students exploring the  
Total Defence Special  
Exhibition.



◀ **C2DA Engagement**  
Meet veterans who have  
unique experiences of serving  
the nation at the frontline.



▼ **Model ASEAN Meeting**  
Students working on the  
Position Paper for the Model  
ASEAN Meeting





# CALENDAR OF EVENTS 2021

- RECOMMENDED PROGRAMMES

- SCHEDULED SCHOOL HOLIDAYS FOR 2021

- PUBLIC HOLIDAYS

- SCHOOL HOLIDAYS FOR 2021

(JC YEAR 1, MI YEAR 1 & MI YEAR 2)

- SCHOOL HOLIDAYS FOR 2021

(JC YEAR 2 & MI YEAR 3)



## JANUARY

- Total Defence Day School Programme
- Total Defence Day School Assembly Road Show
- 1 Jan (Fri) - New Year's Day

## FEBRUARY

- Total Defence Day School Programme
- Total Defence Day School Assembly Road Show
- 12 Feb (Fri) & 13 Feb (Sat) - Chinese New Year
- 15 Feb (Mon) - School Holiday

## MAY

- Mid-Year Post-Exams
- 1 May (Sat) - Labour Day
- 3 May (Mon) - School Holiday
- 13 May (Thurs) - Hari Raya Puasa
- 26 May (Wed) - Vesak Day
- 29 May (Sat) to 27 June (Sun) - School Holidays
- 29 May (Sat) to 27 June (Sun) - School Holidays

## JUNE

- 29 May (Sat) to 27 June (Sun) - School Holidays
- 29 May (Sat) to 27 June (Sun) - School Holidays

## SEPTEMBER

- 3 Sep (Fri) - Teachers' Day
- 4 Sep (Sat) to 12 Sep (Sunday) - School Holidays
- 4 Sep (Sat) to 12 Sep (Sunday) - School Holidays

## OCTOBER

- Year-End Post-Exams Programme



# CALENDAR OF EVENTS 2021

\*All information is accurate at the time of printing. Educators are advised to check with their respective Account Managers for further updates on exhibitions and educational programmes. Events are subjected to changes.

## MARCH

- Total Defence Day School Programme
- Total Defence Day School Assembly Road Show
- 13 Mar (Sat) to 21 Mar (Sun) - Schools Holidays
- 13 Mar (Sat) to 21 Mar (Sun) - Schools Holidays

## APRIL

- Mid-Year Post-Exams
- 2 Apr (Fri) - Good Friday

## JULY

- Racial Harmony and National Day Programme
- Racial Harmony and National Day Assembly Road Show
- 4 July (Sun) - Youth Day
- 5 July (Mon) - Scheduled School Holiday
- 20 July (Tues) - Hari Raya Haji

## AUGUST

- Racial Harmony and National Day Programme
- Racial Harmony and National Day Assembly Road Show
- 9 Aug (Mon) - National Day
- 10 Aug (Tues) - Day after National Day

## NOVEMBER

- Year-End Post-Exams Programme
- Educators' Preview 2022
- 4 Nov (Thurs) - Deepavali
- 20 Nov (Sat) to 31 Dec (Friday) - School Holidays
- End of A-level exams to 31 Dec (Fri)

## DECEMBER

- 25 Dec (Sat) - Christmas Day
- 20 Nov (Sat) to 31 Dec (Friday) - School Holidays
- End of A-level exams to 31 Dec (Fri)

# BOOKING OF PROGRAMMES

## RESERVATIONS

Prior bookings are encouraged for schools who intend to visit Singapore Discovery Centre. 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 Singapore Discovery Centre 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 the Singapore Discovery Centre websites for more details on our school programmes and the latest updates on our exciting calendar of events.

**\*COMPLIMENTARY 2-way bus transport is available for selected school programmes and specific group bookings. Please contact our Account Manager(s) for more information. Terms & Conditions apply.**

**For enquiries and/or booking of educational programmes, please contact:**

## PSEI

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## SPECIAL PROJECTS

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