



Sentinel

**An Exciting Opportunity to Join the
2027 Sec 3 Intake!**

DEFENDING OUR DIGITAL WAY OF LIFE



Introduction of the Sentinel Programme

DEFENDING OUR DIGITAL WAY OF LIFE

About the Sentinel Programme

What is it?

- A talent development programme to equip youth with cybersecurity and digital skills
- Organised and fully-funded by the Digital and Intelligence Service (DIS)
- Launched nation-wide in Jan 2024 after a 2-year pilot



The Sentinel Journey

Achieve

Proficiency & showcase skills through competitions



- CTF competitions e.g. Sentinel Challenge, Cyber Defenders Discovery Camp, Cyberthon

Build

Relationships with like-minded peers



- Opportunities to learn & interact with students from other schools
- Team-based projects & activities

Learn

Cybersecurity skills for real-world applications



- Emphasis on hands-on learning and practical applications
- Capstone projects

Experience

Life as a cybersecurity professional



- Internships with Defence Cyber Agencies
- Visits to Defence Agencies
- Mentorships with Defence Cyber professionals

Programme Structure

Lower Secondary (Year 1-2)

Explore cybersecurity and digital applications



- Holiday workshops
- Annual competitions

Upper Secondary (Year 3-4)

Develop foundational cybersecurity and digital skills



- Holiday workshops & Saturday classes during term time
- Annual competitions
- Defence agency visits

Post-Secondary (Year 5-6)

Deepen cybersecurity skills for real-world applications



- Holiday workshops & Saturday classes during term time
- Annual competitions
- Defence agency visits, internships & mentorships

* Programme activities will be conducted at designated regional centres/schools.

Highlights of Secondary School Activities

Workshops

Students explore cybersecurity and web development concepts through interactive workshops and hands-on capstone projects.



Interactive Activities



Competition with Prizes

Sentinel Challenge

Students compete in teams to solve Capture-the-Flag challenges using skills they had acquired in the programme.



Team-based Challenges



Cohort-level Competition

Defence Tech Experiential Activity

Students explore next-generation cybersecurity solutions and discover how military technologies are shaping the future of defence.



Hands-on Activity



Inter-School Interactions

More info: www.dis.gov.sg/sentinel | Programme highlights reel: [Watch here](#)



Opportunity to Join the 2027 Sec 3 Intake

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Prerequisites: What We're Looking For

We're looking for students who:

- Love problem-solving and have a strong interest in the digital/cybersecurity world.
- Demonstrate a good foundation in basic web development (e.g. HTML, CSS, JavaScript) with exposure to backend web frameworks (e.g. Express.js) and common web vulnerabilities **but it's okay if you're not an expert yet!**
- Have a basic understanding of computer networking, and it's a bonus if you've used tools like Wireshark, Nmap, or Netcat.
- Are ready to commit to the programme's activities and excited to learn with others.

What you'll be learning

Year 3 Curriculum Overview

- **Databases:** learn SQL basics and build databases with MySQL or SQLite.
- **Frontend with React:** gain hands-on skills in React, JSX, Material UI, state and hooks.
- **Web Security:** understand common web risks and learn to prevent SQL injection and XSS.
- **AI and LLMs:** explore how LLMs work, design chatbots and understand AI security risks.

Year 4 Curriculum Overview

- **Security Tools & Pen Testing:** learn firewalls and intrusion detection, explore spoofing attacks and forensics.
- **Ethics and Risks of AI:** understand AI governance, privacy and bias to make responsible decisions.

Programme Schedule

- Programme activities are mostly conducted physically (in-person) during school holiday periods and on some Saturdays during the school terms.
- There will also be some self-directed online learning where students will learn at their own time.
- No activities during school hours.

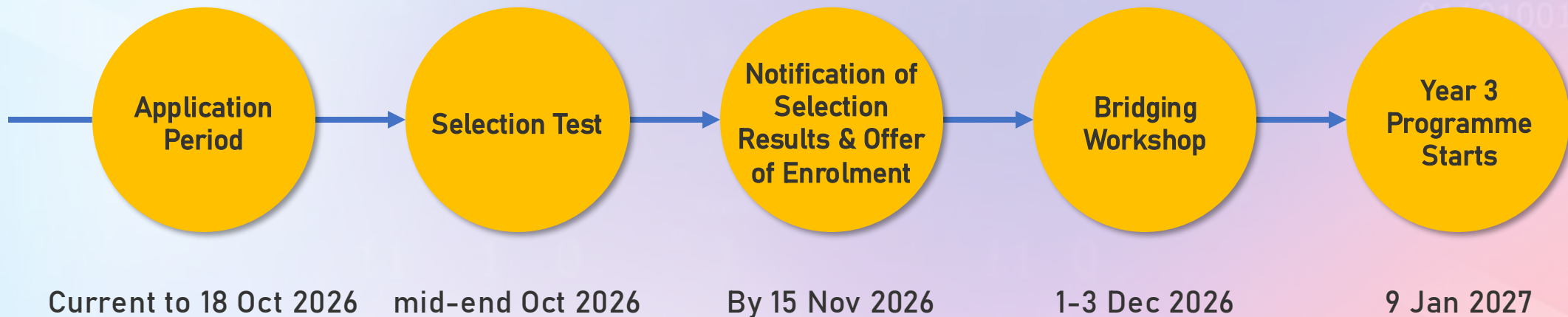
Programme Schedule

YEAR 3		
Date	Activity	Time
09 Jan 2027 30 Jan 2027 20 Feb 2027 13 Mar 2027 03 Apr 2027 17 Apr 2027	Saturday Classes	9am-12pm
03 – 04 Jun 2027	Workshop 1	9am-5pm
09 Jun 2027	Cyber Sports Day	9am-1pm
03 Jul 2027 24 Jul 2027 21 Aug 2027	Saturday Classes	9am-12pm 9am-1pm
18 – 19 Nov 2027	Workshop 2	9am-5pm

YEAR 4		
Date	Activity	Time
15 Jan 2028 12 Feb 2028	Saturday Classes	9am-12pm
04 Mar 2028		9am-1pm
17 Mar 2028	Sentinel Challenge Competition	9am-1pm

1. The above schedules are subject to change.
2. The activities will be held at Sentinel Programme school centres such as Singapore Polytechnic, Nanyang Polytechnic and School of Science and Technology. Students are expected to travel to the venues independently.
3. Apart from the physical sessions shown in the above schedule, there will also be some self-directed online learning that students will be expected to complete on their own.

Take Note of these Important Dates!



Don't miss out on this exciting opportunity!

Sentinel Taster Workshop

- Not sure if it's for you? Join us for a 2-hour online taster workshop for a preview of what you will learn in the Sentinel Programme!
- **Date & Time:** 4 Sep 2026, Fri, 2 – 4 pm
- Here's what you can expect at the taster workshop:
 - Learn real cyber skills through hands-on activities
 - Explore opportunities in the Sentinel programme
- Register by **26 August 2026** and take your first step into this exciting field!
- Registration link: <https://go.gov.sg/sentinel-online-taster>

SENTINEL PROGRAMME

ONLINE TASTER WORKSHOPS

(FOR 2027 INTAKE)

CALLING INTERESTED STUDENTS FROM

- > PRI 6
- > SEC 2
- > SEC 4/5
- > IP YEAR 4 STUDENTS



LEARN
REAL CYBER SKILLS THROUGH
HANDS-ON ACTIVITIES



EXPLORE
OPPORTUNITIES IN THE
SENTINEL PROGRAMME

3 WORKSHOPS. CHOOSE YOUR TRACK.

FOR 2026 P6 STUDENTS

2027 SEC 1 INTAKE



21 NOV 2026, SAT

2:00 PM - 4:00 PM

REGISTER BY
7 NOV 2026

FOR 2026 SEC 2 STUDENTS

2027 SEC 3 INTAKE



4 SEPT 2026, FRI

2:00 PM - 4:00 PM

REGISTER BY
26 AUG 2026

FOR 2026 SEC 4/5 &
IP YEAR 4 STUDENTS

2027 JC/POLY/ITE
YEAR 1 INTAKE



31 OCT 2026, SAT

2:00 PM - 4:00 PM

REGISTER BY
17 OCT 2026



SCAN TO REGISTER



[HTTPS://GO.GOV.SG/
SENTINEL-ONLINE-
TASTER](https://go.gov.sg/sentinel-online-taster)



ENQUIRY: SENTINEL@DEFENCE.GOV.SG

ABOUT SENTINEL: [HTTPS://GO.GOV.SG/SENTINEL](https://go.gov.sg/sentinel)

FAQs for 2027 Sec 3 Intake (1)

- **Am I suitable for this programme?**

The prerequisites serve as a guide to help you assess your suitability. We're looking for students who are passionate about cybersecurity and have some technical knowledge, but you don't need to be an expert! If you're interested but lack some technical prerequisites, you're still encouraged to apply.

- **How long is the programme?**

If you join in Sec 3, you'll complete the secondary programme by the first term of Sec 4 - that's about 1.25 years of exciting learning!

- **Will I be able to catch up?**

Yes, with the right support and effort! You'll attend a 3-day bridging workshop in December to learn key concepts from Year 1-2, and you'll get access to all the previous learning materials online. Your success will depend on your commitment and enthusiasm to learn!

FAQs for 2027 Sec 3 Intake (2)

- **How do I apply?**

Apply directly via the Sentinel website <https://go.gov.sg/sentinel>. We encourage you to apply early to avoid any technical issues.

- **What happens after I apply?**

You'll take a 2-hour online selection test that includes multiple-choice questions, short answers, and a brief video introduction of yourself. The test covers basic cybersecurity knowledge and tests your logical thinking and problem-solving skills.

- **What if I get selected?**

You'll attend a bridging workshop from 1-3 December 2026, then start the programme proper on 9 January 2027.

- **Will we receive a certificate or recognition for participating in the programme?**

You will receive a Certificate of Participation upon completing the programme in Year 4, if you meet the minimum requirements.



Interested?

Sign up now at:

<https://go.gov.sg/sentinel>



<https://go.gov.sg/sentinel>

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