

Official/Open

For reference for G3 Computing 2025

Centre-Based Programme for O-Level Computing: Briefing for Sec Two Students in 2024

A PRESENTATION BY
MINISTRY OF EDUCATION, SINGAPORE

Hello World!



Interested in AI
and Emerging Tech?

Want to learn coding
and programming?



Passion for creating
digital solutions?

Centre-Based Programme for O-Level Computing

WHAT

Students interested to offer O-Level Computing as a subject in their upper secondary years can now apply to take the subject at designated centres.

HOW

Students may travel to the centres to attend lessons after classes end in their own school. Some lessons may also be held virtually.



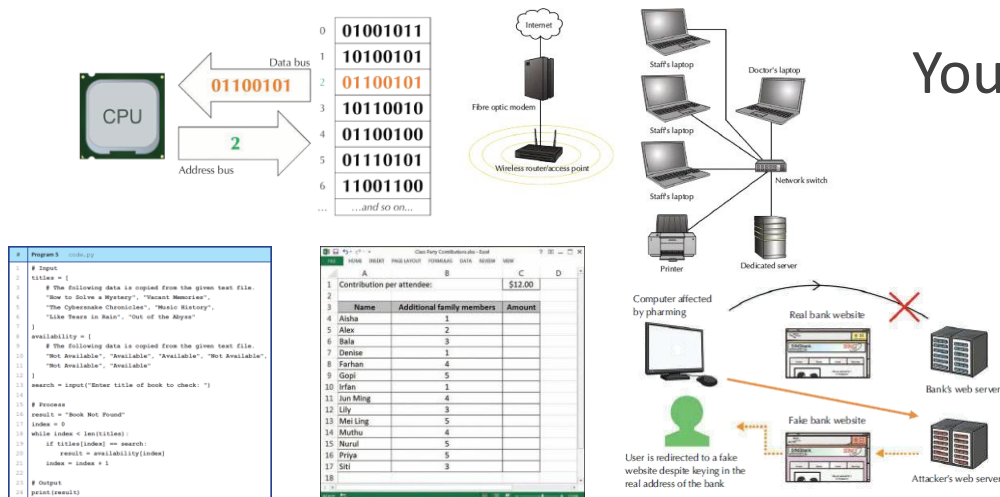
WHO SHOULD APPLY

Students with the passion, interest in computing and a good foundation in mathematics are welcomed to apply.

WHAT YOU WILL LEARN: Subject Information

You will learn about Computing Fundamentals, Algorithms and Programming, Spreadsheets, Networking and the Impact of Computing.

At the end of the course, you will take the O-Level Computing Examination, which will consist of 2 papers, a 2 hr written theory paper and a 2 hr 30 min lab-based paper on spreadsheets and programming.



You can find out more from SEAB's website at <https://www.seab.gov.sg/home/examinations/gce-o-level/o-level-syllabuses-examined-for-school-candidates-2025> under the subject Computing (7155).

Venue and Schedule

The centre serving our school is Ngee Ann Secondary School.

Students whose applications are successful will be assigned to a centre based on the zone their schools are in:

Zone	North	South	East	West
Centre	Admiralty Secondary School	Zhonghua Secondary School	Ngee Ann Secondary School	Clementi Town Secondary School
Pilot programme available to students from the following schools	Naval Base Secondary School	Beatty Secondary School	Hai Sing Catholic School	Nan Hua High School
	Northland Secondary School	CHIJ (Toa Payoh) Secondary School	Loyang View Secondary School	New Town Secondary School
	Yishun Secondary School	St Margaret's Secondary School	Meridian Secondary School	Crest Secondary School
	Yishun Town Secondary School	CHIJ St. Theresa's Convent	Pasir Ris Crest Secondary School	Hua Yi Secondary School
	Evergreen Secondary School	Gan Eng Seng School	Yusof Ishak Secondary School	Jurongville Secondary School
	Marsiling Secondary School	Outram Secondary School	Dunman Secondary School	Swiss Cottage Secondary School
	Riverside Secondary School	Bartley Secondary School	East Spring Secondary School	Yuan Ching Secondary School
	Woodlands Secondary School	Peicai Secondary School	Pasir Ris Secondary School	Bukit Panjang Government High
	Christ Church Secondary School	St. Gabriel's Secondary School	St. Hilda's Secondary School	Greenridge Secondary School
	Fuchun Secondary School	Yuying Secondary School	Tampines Secondary School	West Spring Secondary School
	Woodlands Ring Secondary School			Zhenghua Secondary School

Lessons will be 3 hours per week over 1-2 afternoons, for 2 years, and may take a blended format.

Current centre: Ngee Ann Secondary School

Schedule: Thursdays (F2F) and Fridays (Online)

Before Applying

There are many questions one can ask to decide whether to apply to offer the subject. Ask yourself the following questions:



- Do you know what you are going for?
- Will the subject be suitable for you at this juncture?



- Do you have the discipline, time and energy to take up the commitment of offering an external subject over 2 years?



- Have you spoken to your teachers and parents for advice?



- What are your future aspirations?

Eligibility Criteria

All Secondary 2 students can apply. You do not need prior knowledge of coding and programme. To be eligible to offer O-level Computing from Secondary 3, you will need to:

1. Demonstrate consistent good performance in G3/Express Mathematics, as it provides the foundation to learn O-level Computing.
 - You should attain an overall score of at least 60% in Secondary 1 G3/Express Mathematics and an overall pass in G3/Express Mathematics at the end of Secondary 2.
 - If you do not attain an overall pass in G3/Express Mathematics at the end of Secondary 2, the offer may be rescinded.
2. Be recommended by your school to have the commitment, and ability to cope with the overall Secondary 3 academic load, including the demands of taking up an external subject.
3. Provide a personal statement of not more than 200 words to share about your interest to offer O-level Computing.

Important Application Information (tentative)

Application opens in **Apr 2025**.

The **deadline** to apply, with the necessary documentation: **May 2025**

Should there be more eligible candidates than available vacancies, computerised balloting will be conducted by MOE to select the successful applicants.