

**LET'S GO ASR**

ANDERSON SERANGOON JUNIOR COLLEGE



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**PROSPECTUS 2024**

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## Principal's message

**DISCERE SERVIRE - NON MIHI SOLUM**

**To Learn, To Serve - Not for Myself Alone**

Warmest welcome to our family at Anderson Serangoon Junior College where we care, learn and pursue excellence together; and where student life is enriching, never dull and filled with opportunities for you to explore your passion and develop yourself as an Imaginative Thinker and a Caring Leader.

Here at our college, you will also enjoy our unique blend of education that includes our flagship STEAM (Science, Technology, Engineering, Arts and Mathematics) programmes and many more. These will develop you holistically and put you in good stead in the pursuit of tertiary education, local and abroad, and for your journey ahead in work and life. Beyond the learning experience, the college environment is conducive, and our teachers and staff are caring and nurturing.

As the saying goes, 'it takes a village to raise a child', and that's what we offer here. In return, we have a simple expectation of you as a student of Anderson Serangoon Junior College, and that is, To Learn, To Serve - Not for Myself (Yourself) Alone. We look forward to learning, serving and leading with you.

Mr Heng Yew Seng  
Principal  
Anderson Serangoon Junior College

# *Our Identity*

## **VISION**

Imaginative Thinkers, Caring Leaders

## **MISSION**

Empowering Students to find Purpose, Courage and Passion in Learning, Leading and Serving

## **VALUES**

- Integrity
- Humility
- Empathy
- Adaptability
- Respect
- Tenacity

## **MOTTO**

Discere Servire - Non Mihi Solum  
To Learn, To Serve - Not for Myself Alone



Over the years, the college's instructional programmes have played an integral role in helping students build a strong academic foundation.

Our dynamic learning environment drives collaboration and self-directed learning. Learning and research opportunities with universities and research institutes allow students to explore their interests and deepen their understanding.

#### Project Work

#### H1

- Biology
- Chemistry
- Chinese Language
- Economics
- General Paper
- Geography
- History
- Literature in English
- Malay Language
- Mathematics
- Physics
- Tamil Language

#### H2

- Art
- Biology
- Chemistry
- Chinese Language and Literature
- Computing
- Economics
- Further Mathematics
- Geography
- History
- Literature in English
- Malay Language and Literature
- Mathematics
- Physics
- Tamil Language and Literature

#### H3

- #### MOE-H3 Subjects
- Biology
  - Chemistry
  - Economics
  - History
  - Mathematics
  - Physics
  - Tamil Language and Literature

#### University-Taught H3 Modules

- NUS Geopolitics: Geographies of War and Peace
- NTU Semiconductor Physics and Devices
- SMU Game Theory

#### H3 Research Programmes

- NUS-MOE Humanities and Social Sciences Research



# Academic Excellence

# Centre of Excellence for STEM and Interdisciplinary Learning

As the Centre of Excellence for Science, Technology, Engineering & Mathematics (STEM) and Interdisciplinary Learning, students can look forward to immersive learning experiences that will equip them with skills to engage in STEM and interdisciplinary fields in higher education and careers. Students are offered a range of STEM and interdisciplinary learning opportunities under three key programmes - STEAM Education, STEM Programme, and Arts Education Programme.

## STEAM Education

ASRJC offers an interdisciplinary, collaborative approach to learning through STEAM Education. With inquiry at the heart of STEAM Education, we explore real-world issues relevant to our students in an authentic setting across the Sciences, Technology, Engineering, the Arts and Mathematics (STEAM). Our ArtScience Festival celebrates interdisciplinary learning and the fusion of Arts and Sciences through our specially curated STEAMinars by ASR teachers and students, and external organisations. The STEAM Learning Journeys are designed to bridge the gap between classroom learning and real-world experiences, all under the overarching theme of 'Sustainability.'



# Academic Programmes

## STEM Programme

ASRJC leads scientific inquiry and enrichment among schools in the North Zone. Our students can look forward to the mentorship of our experienced teachers, and the use of a dedicated Science research laboratory (Elementz Lab) and a makerspace (PlayPEn) with advanced equipment to support Science research and innovation projects. Our students also have access to a wide range of Science research opportunities, including our annual International Elementz Science Fair, STEM-related hackathons, and competitions and attachment opportunities in universities and research institutes.



## Arts Education Programme

Our college's Arts Education Programme is designed for and by our students in the Arts stream to develop aesthetic sensitivity and cultural awareness, while exploring issues through socio-cultural perspectives. The Arts Symposium brings the Arts cohort together to celebrate the richness of the Arts and Humanities through exhibitions curated by our JC2 Arts students. Students can also look forward to the Humanities Academy to interact closely with instructors from the Arts field.

## ARTS Symposium



## PERFORMING ARTS

Performing arts CCAs are a mainstay in national and international competitions and many others have performed in exciting venues all over the world.

Chinese Orchestra

Choir

Dance Society (Contemporary)

StageWorks (English Drama)

Guitar Ensemble

Symphonic Band

## SPORTS AND GAMES

Students appreciate the quality programmes offered as well as the many opportunities available to learn a new skill, pursue one's interests and stretch one's potential.

Badminton

Basketball

Football (Boys)

Ultimate Frisbee

Hockey

Netball

Shooting (Air Pistol and Rifle)

Table Tennis

Taekwondo

Tennis

Touch Rugby (Girls)

Volleyball

## CLUBS AND SOCIETIES

The clubs and societies in the college reflect some of the diverse interests of our students.

Audio Visual Aid Club

Chinese LDDS

Debate and Creative Communications

Community Champions Council

Outdoor Activities Club

Photographic Society

Red Cross Youth

STEM

Strategist Society

Students' Council

Tamil LDDS

Visual Arts Club



## Co-curricular Activities

CCAs are an integral and exciting part of life in the college, and the college provides a CCA experience that engages, empowers and enriches students. Students choose the experience they want from a broad range of CCAs in Performing Arts, Sports, and various Clubs and Societies.

## Leadership Development

ASRJC develops leadership as a mindset as well as a set of practices. With the college values at the core, student leadership development opportunities aim to hone three key mindsets: the courage and desire to make a difference, an openness and receptivity to learning, and positivity and fairness in relating to others and situations. The college offers several leadership pathways that enable students to develop spheres of influence in college life while deepening their own talents into strengths. The Leadership Development curriculum, with milestone programmes such as the annual LeadASR, supports student leaders in navigating these opportunities and challenges. Ultimately, the ASR leader can be an authentic individual assured of their strengths, a steward capable of managing resources, ideas, and perspectives, and a relational person who empowers others to serve, not just for themselves alone.



## Character & Citizenship Education

### Civic Education and Civic Advocacy

ASRJC seeks to be a champion of the community. The Civic Education programme in ASRJC offers students experiences to consider what home means to them, the dilemmas of bettering society, the trade-offs in public policymaking, and the possibilities to make a difference. We offer platforms for students to not only speak up, but to take action.

Our motto, Discere Servire - Non Mihi Solum, is a call to serve others. Students can participate in or initiate Service-Learning projects across a diverse range of community segments working with the social service sector and grassroots organisations. Each project is supported by our Service-Learning Teacher-Mentors, guided by the philosophy of the 'Heart to SERVE' - that students should serve from the heart, their skills and strengths, with empathy for others, with rigorous learning and values-in-action, to empower not just themselves, but others and the community.

### Education and Career Guidance (ECG)

ASRJC offers a systematic, rigorous, and research-based ECG programme which guides students in making informed education and career choices. At the end of JC1, students can choose to take up the ASR Industry Attachment (work attachments). At JC2, students' exploration of possible education and career pathways is enhanced by two annual Symposia: The ASR Career and Scholarship Symposium sees industry practitioners sharing their expertise and experiences. The ASR University and Scholarship Symposium allows students to explore the higher education landscape and the factors in choosing a programme of study at the university.



## Talent Development Programme

Our students enter the college with different aspirations. The Talent Development Programme, a.k.a ASR Scholars Programme, empowers our students to fulfil their aspirations through a wide range of intellectual and co-curricular opportunities to develop the students in 6 key areas: leadership, academic, community service, expanding perspectives, skills and achievements.

In addition, the ASRJC College Advisory Committee (CAC) offers scholarships to outstanding JC1 students who excel in their academic and non-academic domains. The scholarship, worth \$1,000 per annum, is tenable for 2 years, subject to satisfactory academic performance and conduct in JC1.

## Tamil Language Elective Programme (TLEP-JC)

The Tamil Language Elective Programme at the Pre-University Level (TLEP-JC) has been offered at ASRJC since 2020. It aims to nurture students to attain a high level of proficiency and competency in using the Tamil Language, enhance students' knowledge and understanding of Tamil literature and culture, and lastly, develop effectively bilingual students.

TLEP-JC is a two-year programme and TLEP-JC students must offer H2 Tamil Language and Literature (H2TLL) at GCE A-Level examination. Students can look forward to taking part in signature activities, such as language camps and overseas immersion programmes. There are TLEP-JC enrichment activities, such as the literary lecture series, debate and panel discussions and hands-on activities like short filmmaking. TLEP-JC students will also organise and participate in events, such as AGNI at the annual Tamil Language Festival, and experience the depth of Tamil Culture through various workshops and learning journeys.

Singapore Citizens in TLEP-JC may be eligible for the Tamil Language Elective Scholarship (TLES). Secondary school students selected for TLEP-JC are eligible for 2 bonus points for admission to the college.

To apply for TLEP-JC, students must have obtained at least one of the following grades in the GCE O-Level examination:

- Grade B3 in Higher Tamil Language (HTL) or
- Grade B4 in HTL and B3 for Literature in Tamil (Full or Elective) or
- Grade A2 in Tamil Language (TL)



## Special Programmes

The college offers a wide variety of subject combinations. In choosing a subject combination, students should consider the course they wish to pursue in university and its pre-requisites.

Students are required to offer General Paper, Project Work and Mother Tongue Language.

To be exempted from H1 Mother Tongue Language, students are required to obtain at least a D7 for GCE O-Level Higher Mother Tongue Language.

Students who perform well at the JC1 promotional Examination may opt to take up a H3 subject.

Key:

1. Literature refers to Literature in English.
2. MTLT refers to Mother Tongue Language and Literature. Students can choose to offer Mother Tongue Language and Literature in Chinese, Malay, or Tamil.
3. Further Maths refers to Further Mathematics.

### 3H2 and 1H1 Content Subject Combinations (Arts)

	H2	H2	H2	H1
1	Economics	History	Literature	Mathematics
2	Economics	History	Literature	Physics
3	Economics	History	Literature	Biology
4	Economics	History	Literature	Chemistry
5	Art	History	Literature	Mathematics
6	Art	History	Literature	Physics
7	Art	History	Literature	Biology
8	Art	History	Literature	Chemistry
9	Economics	Art	Literature	Mathematics
10	Economics	Art	Literature	Physics
11	Economics	Art	Literature	Biology
12	Economics	Art	Literature	Chemistry
13	Economics	History	Art	Mathematics
14	Economics	History	Art	Physics
15	Economics	History	Art	Biology
16	Economics	History	Art	Chemistry
17	Economics	Geography	Literature	Mathematics
18	Economics	Geography	Literature	Physics
19	Economics	Geography	Literature	Biology
20	Economics	Geography	Literature	Chemistry
21	Art	Geography	Literature	Mathematics
22	Art	Geography	Literature	Physics
23	Art	Geography	Literature	Biology
24	Art	Geography	Literature	Chemistry
25	Economics	Geography	Art	Mathematics
26	Economics	Geography	Art	Physics
27	Economics	Geography	Art	Biology
28	Economics	Geography	Art	Chemistry
29	Economics	History	MTLL	Mathematics
30	Economics	History	MTLL	Physics
31	Economics	History	MTLL	Biology
32	Economics	History	MTLL	Chemistry
33	Economics	Geography	MTLL	Mathematics
34	Economics	Geography	MTLL	Physics
35	Economics	Geography	MTLL	Biology
36	Economics	Geography	MTLL	Chemistry
37	Economics	History	Mathematics	Geography
38	Economics	History	Mathematics	Literature
39	Economics	History	Mathematics	Chemistry
40	Economics	History	Mathematics	Physics
41	Economics	History	Mathematics	Biology
42	Art		History	Mathematics
43	Art		History	Literature
44	Art		History	Chemistry
45	Art		History	Physics
46	Art		History	Biology
47	Art		History	Economics
48	Economics		Art	Mathematics
49	Economics		Art	Literature
50	Economics		Art	Chemistry
51	Economics		Art	Physics
52	Economics		Art	Biology
53	Economics		Art	Geography
54	Economics		Geography	Mathematics
55	Economics		Geography	Literature
56	Economics		Geography	Chemistry
57	Economics		Geography	Physics
58	Economics		Geography	Biology
59	Art		Geography	Mathematics
60	Art		Geography	Literature
61	Art		Geography	Chemistry
62	Art		Geography	Physics
63	Art		Geography	Biology
64	Art		Geography	Chemistry
65	Economics		MTLL	Mathematics
66	Economics		MTLL	Literature
67	Economics		MTLL	Chemistry
68	Economics		MTLL	Physics
69	Economics		MTLL	Biology
70	Economics		MTLL	Geography
71	Economics		Literature	Mathematics
72	Economics		Literature	History
73	Economics		Literature	Geography
74	Economics		Literature	Chemistry
75	Economics		Literature	Physics
76	Art		Literature	Mathematics
77	Art		Literature	History
78	Art		Literature	Geography
79	Art		Literature	Chemistry
80	Art		Literature	Physics
81	Art		Literature	Biology

### 3H2 and 1H1 Content Subject Combinations (Science)

	H2	H2	H2	H1
82	Mathematics	Chemistry	Physics	History
83	Mathematics	Chemistry	Physics	Economics
84	Mathematics	Chemistry	Physics	Geography
85	Mathematics	Chemistry	Physics	Literature
86	Mathematics	Chemistry	Biology	History
87	Mathematics	Chemistry	Biology	Economics
88	Mathematics	Chemistry	Biology	Geography
89	Mathematics	Chemistry	Biology	Literature
90	Mathematics	Chemistry	Economics	History
91	Mathematics	Chemistry	Economics	Geography
92	Mathematics	Chemistry	Economics	Literature
93	Mathematics	Chemistry	Economics	Physics
94	Mathematics	Chemistry	Economics	Biology
95	Biology	Chemistry	Economics	Mathematics
96	Mathematics	Chemistry	Art	History
97	Mathematics	Chemistry	Art	Geography
98	Mathematics	Chemistry	Art	Literature
99	Mathematics	Chemistry	Art	Physics
100	Mathematics	Chemistry	Art	Biology
101	Mathematics	Chemistry	Art	Economics
102	Mathematics	Physics	Economics	History
103	Mathematics	Physics	Economics	Geography
104	Mathematics	Physics	Economics	Literature
105	Mathematics	Physics	Economics	Chemistry
106	Mathematics	Physics	Economics	Biology
107	Mathematics	Physics	Art	History
108	Mathematics	Physics	Art	Geography
109	Mathematics	Physics	Art	Literature
110	Mathematics	Physics	Art	Chemistry
111	Mathematics	Physics	Art	Biology
112	Mathematics	Physics	Art	Economics
113	Mathematics	Further Maths	Physics	History
114	Mathematics	Further Maths	Physics	Economics
115	Mathematics	Further Maths	Physics	Geography
116	Mathematics	Further Maths	Physics	Literature

### 4H2 Content Subject Combinations

	H2	H2	H2	H2
147	Mathematics	Chemistry	Physics	Economics
148	Mathematics	Chemistry	Biology	Economics
149	Mathematics	Further Maths	Physics	Economics
150	Mathematics	Computing	Physics	Economics
151	Mathematics	Computing	Further Maths	Economics
152	Mathematics	Computing	Chemistry	Economics

### Subject/Combination Eligibility Criteria

Subject/ Combination	Level	Remarks
Art	H2	• Students are required to sit for a selection test.
Computing	H2	• Students are required to sit for a selection test.
Further Mathematics	H2	• H2 Further Mathematics will be offered with H2 Mathematics as a double mathematics course. • Students are required to sit for a selection test.
4H2 Content Subject Combinations	-	• Students from previous cohorts offering 4 H2 content subjects typically obtained: <ul style="list-style-type: none"><li>o L1R5 (raw) of 10 or better,</li><li>o <u>and</u> English B3 or better,</li><li>o <u>and</u> relevant H2 subjects A1 or A2.</li></ul>

Subject  
Combinations



# CONTACT US!



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