



# **Subject Combination Briefing 2023**

## **Secondary 3 Express in 2024**



# O-LEVEL PATHWAYS

## JC/MI/IB

- **JC/IB: L1R5 ≤ 20**
- **MI: L1R4 ≤ 20**
- Posting by merit is based on:  
JC/IB: Net L1R5 / MI: Net L1R4
- Meet Subject Requirements for JC/IB/MI admission:

Subject	Requirement
Eng Lang	A1 to C6
Mother Tongue	A1 to D7
Higher MT	A1 to E8
MT Syllabus 'B'	Merit or Pass
Math/A Math	A1 to D7

Students who do not meet the subject requirements may still be eligible for conditional admission to JC/MI, subject to other requirements.

## LASALLE/NAFA

### LASALLE

- **4 GCE O-Level subjects, excluding English ≤ 25**
- English - Grade C6 or better

### Nanyang Academy of Fine Arts

- **4 GCE O-Level subjects, excluding English ≤ 25**
- English – D7 or better for Dance and Music courses, and C6 or better for all other courses

\*Students should submit their applications directly to these institutions.

## O-LEVEL STUDENT

## POLYTECHNIC

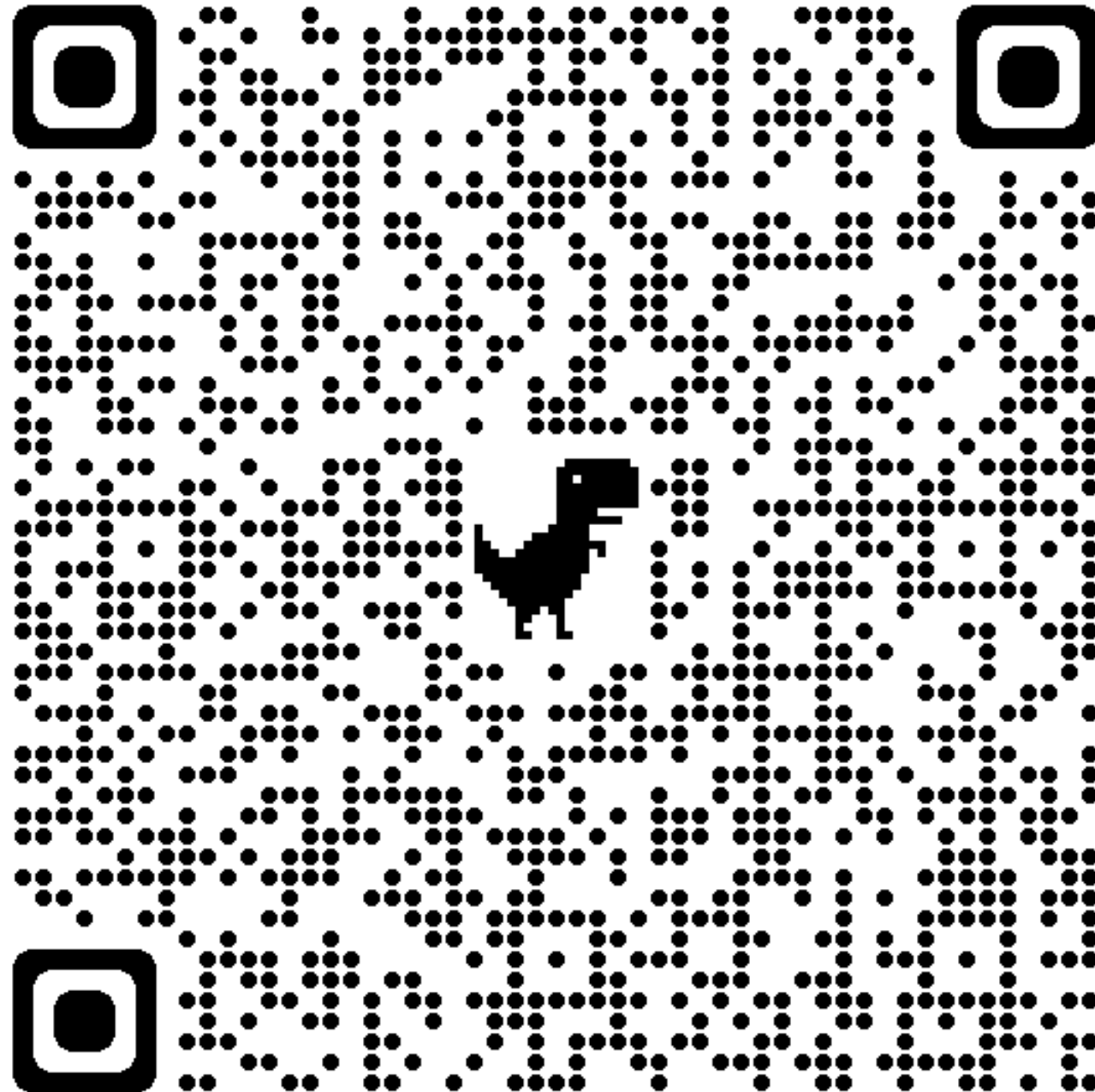
- **Net ELR2B2-A/B/C/D ≤ 26**  
(except **Diploma in Nursing ≤ 28**)
- Meet Minimum Entry Requirements (MER) of the course selected
- Posting by merit is based on:  
Net ELR2B2-A/B/C/D, depending on the course selected

## ITE 2-YEAR HIGHER NITEC

- **Meet Minimum Entry Requirements (MER) of the course selected**
- Posting by merit is based on:  
Net ELB4-A, ELR1B3-B, ELR2B2-C, depending on the course selected

\*There are 3-year Higher Nitec Courses available.

JAE 2023



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# Considerations for Choice of Subject Combination

- Entry requirements for JCs or Courses in Polytechnics
- Prerequisite for each subject combination
- Choose a subject combination that you qualify for and will enable you to have more choices in your post secondary education



# What to expect for Secondary 3 in 2024



Our pupils will take 7 – 8 Subjects  
in Secondary 3

## Note:

- Pupils who are officially exempted from Mother Tongue may take 6 -7 subjects



# Compulsory Subjects



- English Language
- Mother Tongue (unless exempted)
- Mathematics
- Combined Humanities (Social Studies with History Elective / Geography Elective)
- Sciences [Pure Science/Combined Science(P/C)]



# Subjects Offered



- Chemistry
- Physics
- Biology
- Geography
- Literature
- Additional Mathematics
- Art
- Design and Technology
- Nutrition and Food Science



# 2024 Sec 3 Exp Subject Combination

	Course 1 (8 Subjects)	Course 2 (8 Subjects)	Course 3 (7 Subjects)	Course 4 (7 Subjects)	Course 5 (7 Subjects)
Subject 1	EL	EL	EL	EL	EL
Subject 2	MTL	MTL	MTL	MTL	MTL
Subject 3	Maths	Maths	Maths	Maths	Maths
Subject 4	Hum(SS,HE) <b>OR</b> Hum (SS,GE)	Hum(SS,HE) <b>OR</b> Hum (SS,GE)	Hum(SS,HE) <b>OR</b> Hum (SS,GE)	Hum(SS,HE) <b>OR</b> Hum(SS, GE)	Hum(SS,HE) <b>OR</b> Hum(SS, GE)
Subject 5	A Maths	A Maths	A Maths	A Maths	A Maths <b>OR</b> Geography <b>OR</b> Literature
Subject 6	Chem	Chem	Chem	Sci (Phy / Chem)	Sci (Phy / Chem)
Subject 7	Physics	Physics <b>OR</b> Biology	Physics <b>OR</b> Biology	Literature <b>OR</b> Geography	Art <b>OR</b> D&T <b>OR</b> NFS
Subject 8	Biology	Literature <b>OR</b> Geography			



# Subjects Prerequisites (for Sec 3 Exp)

Subject	Minimum criteria for eligibility
Triple Pure Science (Course 1 – 8 Subjects)	At least 70% in overall performance At least 70% in Sec 2 Science overall At least 60% in Sec 2 Mathematics overall
Double Pure Science & Double Humanities (Course 2 – 8 Subjects)	At least 70% in overall performance At least 65% in Sec 2 Science overall At least 60% in Sec 2 Mathematics overall At least 65% in Sec 2 Geography overall <b>OR</b> Sec 2 Literature overall



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# Subjects Prerequisites (for Sec 3 Exp)

Subject	Minimum criteria for eligibility
Take HMu/Mu or MSP/CSP/3 <sup>rd</sup> Language as 8 <sup>th</sup> Subject	At least 70% in overall performance
Double Pure Science (Course 3 – 7 Subjects)	At least 60% in overall performance At least 65% in Sec 2 Science overall At least 60% in Sec 2 Mathematics overall

HMu – Higher Music

Mu – Music

MSP – Malay Special Programme

CSP – Chinese Special Programme



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# Subjects Prerequisites (for Sec 3 Exp)

Subject	Minimum criteria for eligibility
Additional Mathematics	At least 60% in Sec 2 Mathematics overall
Geography	At least 65% in Sec 2 Geography overall
Literature	At least 65% in Sec 2 Literature overall
Art	At least 60% in Sec 2 Art and pass selection test for Art
Design and Technology	At least 60% in Sec 2 D&T and pass interview
Nutrition and Food Science	At least 60% in Sec 2 FCE and pass interview

# Assessment for Secondary 2

- **Weighted Assessment (30%)**
  - Term 1 (15%)
  - Term 2 (15%)
- **End-of-Year Examination (70%)**



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# Subjects are allocated based on



1. Merit (Overall performance and performance in specific subjects)
2. Pre-requisites for taking the various subjects
3. Pupils' choice
4. Availability of places for each subject combination





# Criteria for any subject to be offered

A minimum enrolment of 10 is required for the offering of any specific subject



# Sharing on Subjects offered at Secondary 3



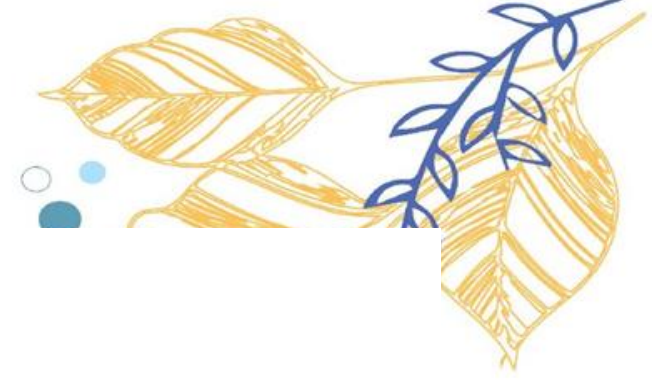
# SCIENCES



1. Combined Sciences (Physics + Chemistry)
  - 50% Assessment Weighting for Science (Chemistry)
  - 50% Assessment Weighting for Science (Physics)
2. Pure Sciences
  - Chemistry, Physics or Biology may be taken as Pure Sciences, with a 100% assessment weighting.



# Pure Science vs Combined Science



1. Pure Sciences covers more topics.
2. Pure Sciences contents have greater depth and higher demands for science practicals, which includes a planning component.
3. Pure Science assessments are more demanding, with a higher percentage of Handling Information and Solving Problems (HISP) and lesser percentage of recall questions.



# What will Fairians learn in...

## **Chemistry/ Science(Chemistry)**



- Emphasize on the application of scientific concepts and principles
- Learn about substances, chemical reactions and abstract molecular structures
- Learn skills such as chemical analysis and will also be required to apply problem solving skills





# What will Fairians learn in...

## **Physics/ Science (Physics)**



- Coherent understanding of energy, matter and their relationships
- Investigation on natural phenomena and then applying patterns, models, principles, theories and laws to explain the physical behaviour of the universe.
- Develop skills such as accuracy and precision, integrity, enquiry, initiative and inventiveness.



# What will Fairsians learn in...

## **Biology**



- Study of plants and the human anatomy.
- Stimulates interest in, and develops care for, the local and global environment.
- Provides awareness that the applications of science may be both beneficial and detrimental to the individual, the community and the environment



# Humanities

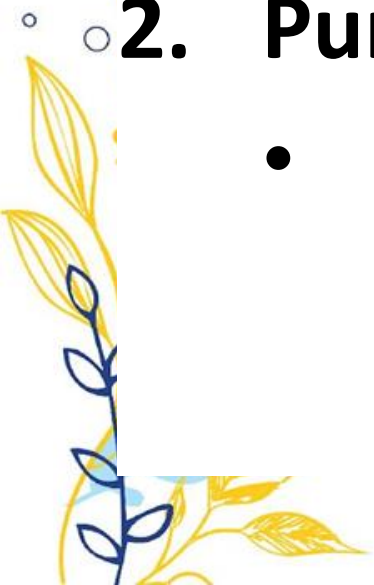


## 1. Combined Humanities (Social Studies + HE/GE)

- 50% Assessment Weighting for Social Studies
- 50% Assessment Weighting for History Elective (HE)  
**OR** Geography Elective (GE)

## 2. Pure Humanities

- Geography may be taken as Pure Humanities, with a 100% assessment weighting.



# What will Fairisian learn in **HUMANITIES**



- 1. Social Studies** – Examine societal issues critically such as governance, diversity & globalised world
- 2. Geography** – Develop an informed concern about the vulnerable environment
- 3. History** – Explore critically the World Wars & Bi-polar World Order



# What will Fairians learn in...

## **English Literature**



1. Appreciate the power of words as they respond to a variety of literary texts.
2. Think critically as they consider multiple perspectives and reflect on the complexities of human nature and life's evolving circumstances.
3. Develop their own opinion through class discussions, group work, role-play, debates and presentations.

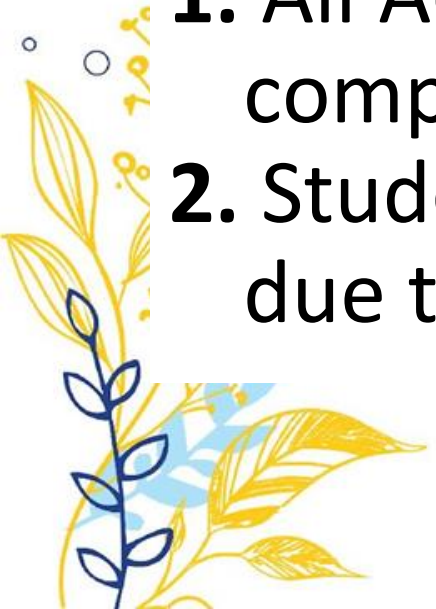




# AESTHETICS

- Art
- Design Technology
- Nutrition and Food Science
- Music

1. All Aesthetics subjects consist of a coursework component (60%) and written exam component (40%)
2. Students are allowed to take only **one** Aesthetic subject due to the rigour of the coursework subjects.



# AESTHETICS

Aesthetics subjects:

1. Nurtures creativity and critical thinking through coursework and projects
2. Cultivates perseverance, discipline and self-management
3. Prepare students for project work in tertiary education and in real life.



# What will Fairsians learn in...

## Art



- Students will be introduced to various art medium through which they will hone their ability to effectively communicate and express themselves through art.
- Students will engage in research and discussions about contemporary issues through their art making process.



# What will Fairians learn in...

## **Design and Technology**



- Prepare students to deal with uncertainty and ill-defined problems in life
- Provide opportunities for students to learn and apply basic technologies such as electronic, mechanism, structure, 3D printing and more in authentic solutions.



# What will Fairsians learn in...

## **Nutrition and Food Science**



- Prepares students with a comprehensive understanding of basic food science and nutrition
- Encourages adoption of healthy lifestyle in fun and creative ways
- Teaches students to plan and generate a complete nutritional proposal and report



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# What will Fairsians learn in...

## **Additional Mathematics**



- Content covers 3 main strands: Algebra, Geometry and Trigonometry and Calculus
- Prepares students to connect ideas between mathematics and science through application of mathematics at post-secondary education institutions
- Provide strong foundation in algebraic manipulation skills and mathematical reasoning skills



# More Information on the subjects




Syllabus Examined in O Level refer  
to SEAB website:

<https://www.seab.gov.sg>



# Subject Combination Timeline (Tentative)



- Term 4 Week 7 [24 October (1430) – 27 October (2359)]
    - Submission of Subject Combination via PG notification
  - Term 4 Week 9 (8 November)
    - Subject Combination result will be known via PG notification
  - Appeal duration (8 November – 10 November)
  - Appeal result by 17 November 2023
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# Queries on Sec 3 Subject Combination

You can contact the following:

- Form Teachers
- HoDs i/c of Sec 2 Streaming Exercise  
(Mr Ang Yuan Peng and Ms Lee Chee Peng)
- Ms Brenda Nio, AYH Overseeing Sec 2
- Mr Jeromy Ngian, Vice-Principal