



FAIRFIELD METHODIST SCHOOL
(SECONDARY)

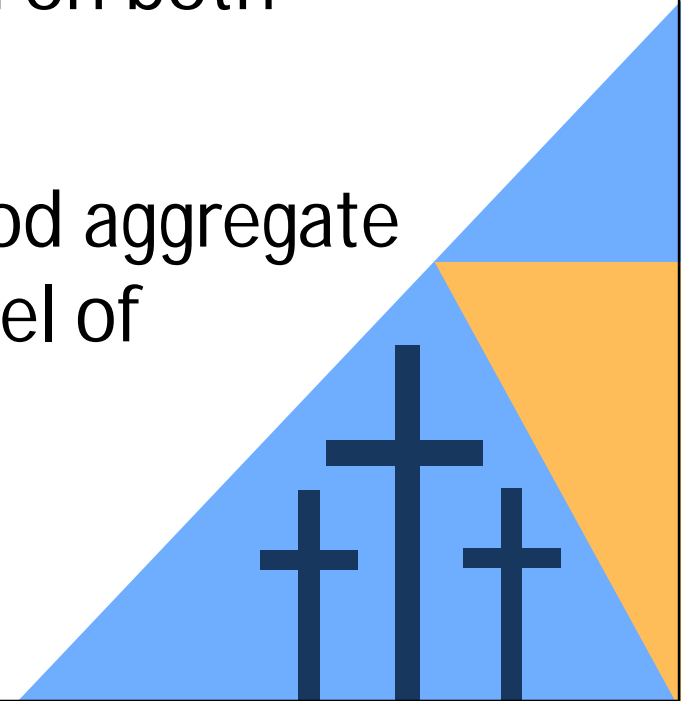
Subject Combination Briefing 2022

For Secondary 3 Express in 2023

Major Considerations

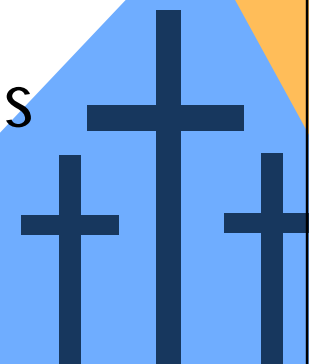
Setting the students up for success:

- Choosing the right combination based on both interest and ability
- Being able to perform and attain a good aggregate (L1R5, L1R2B2) to progress to next level of education and course of choice



Streaming Considerations

- All subject combinations allow students to gain entry into JCs or Polytechnics
- The informed way to determine the right match of subject combination is by your results. You need to be realistic.
- Know the criteria for each subject combination and work towards your preferred one.
- Understand JC and Poly requirements and work towards them. Clarify with your teachers if in doubt.

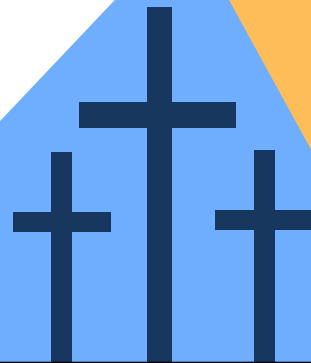


What to expect for Secondary 3 in 2023

Express Classes : 7 – 8 Subjects

Note:

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



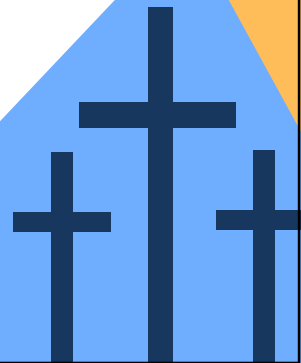
Compulsory Subjects

- English Language
- Mother Tongue (unless exempted)
- Mathematics
- Combined Humanities (Social Studies with History Elective / Geography Elective)
- Pure Science / Combined Science (Physics / Chemistry)



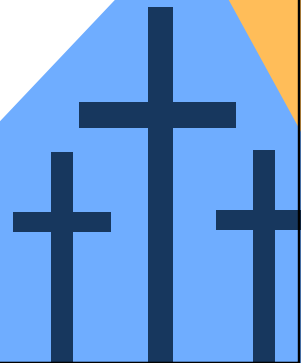
Subjects Offered

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



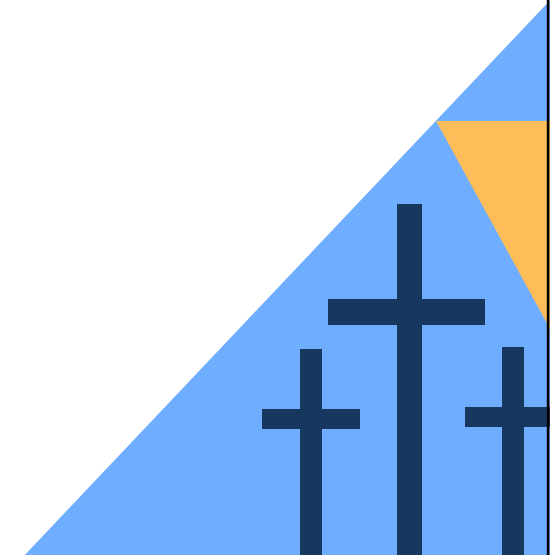
Subjects are allocated based on

1. Your results (Overall percentage)
2. Your choices (based on submission of FormSG)
3. Pre-requisites for taking the various subjects



Assessment

- Weighted Assessment
 - Term 1 (10%)
 - Term 2 (15%)
 - Term 3 (15%)
- End-of-Year Examination (60%)



2023 Sec 3Exp Subject Combination

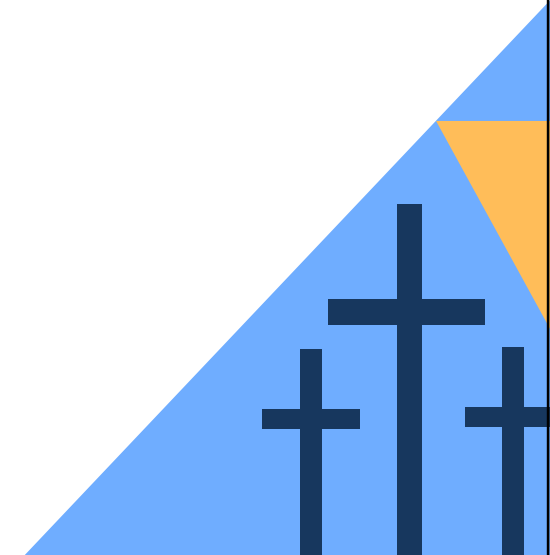
	Course 1 (8 Subjects)	Course 2 (8 Subjects)	Course 3 (7 Subjects)	Course 4 (7 Subjects)	Course 5 (7 Subjects)
Subject 1	EL	EL	EL	EL	EL
Subject 2	MT	MT	MT	MT	MT
Subject 3	Maths	Maths	Maths	Maths	Maths
Subject 4	Hum(SS,HE) OR Hum (SS,GE)	Hum(SS,HE) OR Hum (SS,GE)	Hum(SS,HE) OR Hum (SS,GE)	Hum(SS,HE)	Hum(SS,HE)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

Subjects Prerequisites (for Sec 3 Exp)

Subject	Minimum criteria for eligibility
Take 8 Subjects	At least 70% in overall performance
Triple Science Pure	At least 70% in Sec 2 Science overall At least 60% in Sec 2 Mathematics overall
Double Science Pure	At least 65% in Sec 2 Science overall At least 60% in Sec 2 Mathematics overall
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

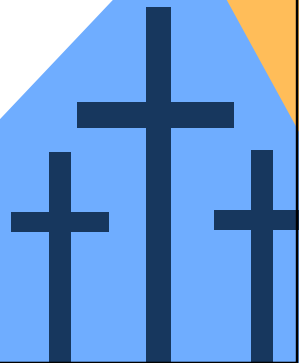
Points to note

Minimum enrolment to open a class for a specific subject: 10 students



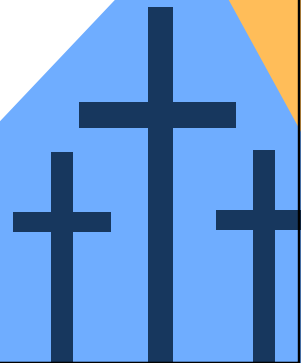
SCIENCES

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

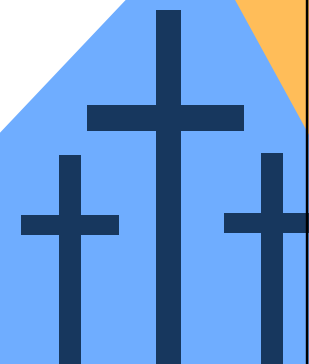
- 1.** Pure Sciences covers more topics.
- 2.** Pure Sciences contents have greater depth and more demanding in science practicals, which includes a planning component.
- 3.** Pure Science assessments are more demanding, with a higher percentage of Handling Information and Solving Problems (HISP) and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



What will Fairians learn in...

Chemistry/ Science(Chemistry)

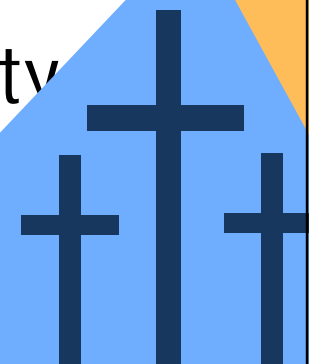
- Emphasize on the application of scientific concepts and principles
- Learn about substances, chemical reactions and abstract molecular structures
- Learn skills such as chemical analysis and will also be required to apply problem solving skills



What will Fairians learn in...

Physics/ Science (Physics)

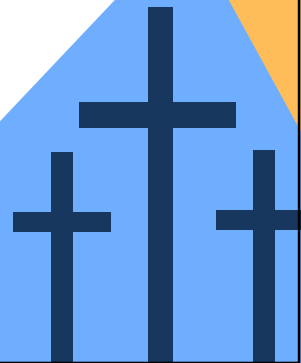
- Coherent understanding of energy, matter and their relationships
- Investigation on natural phenomena and then applying patterns, models, principles, theories and laws to explain the physical behaviour of the universe.
- Develop skills such as accuracy and precision, integrity, enquiry, initiative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



What will Fairians learn in...

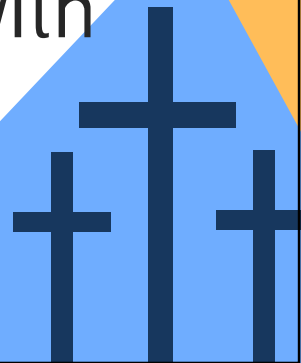
Biology

- 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



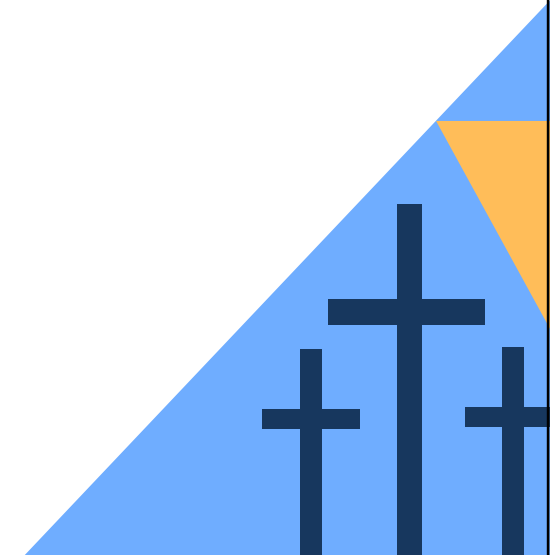
Humanities

- 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**

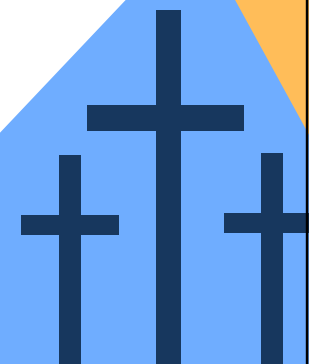
- 1. Social Studies** – Examine societal issues critically such as governance, diversity & globalised world
- 2. Geography** – Develop an informed concern about the vulnerable environment
- 3. History** – Explore critically the World Wars & Bi-polar World Order



What will Fairians learn in...

Additional Mathematics

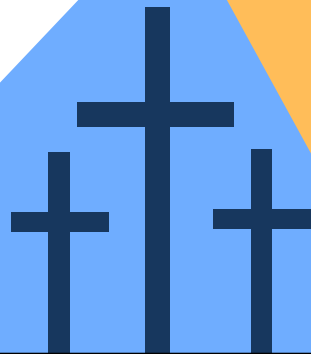
- 1.** Content covers 3 main strands: Algebra, Geometry and Trigonometry and Calculus
- 2.** Prepares students to connect ideas between mathematics and science through application of mathematics at post-secondary education institutions
- 3.** Provide strong foundation in algebraic manipulation skills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



What will Fairians learn in...

English Literature

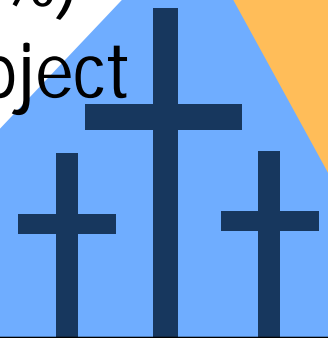
1. Appreciate the power of words as they respond to a variety of literary texts.
2. Think critically as they consider multiple perspectives and reflect on the complexities of human nature and life's evolving circumstances.
3. Develop their own opinion through class discussions, group work, role-play,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



AESTHETICS

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

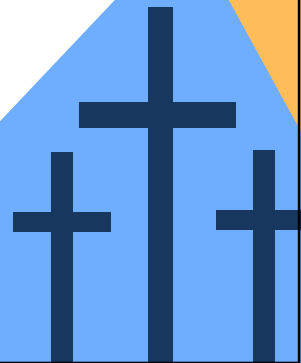
1. All Aesthetics subjects consist of a coursework component (60%) and written exam component (40%)
2. Students are allowed to take only **one** Aesthetic subject due to the rigour of the coursework's.



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 Fairians learn in...

Art

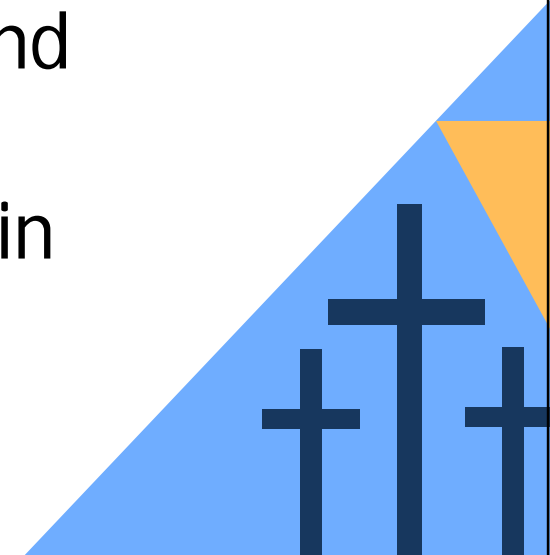
- Students will be introduced to various art medium through which they will hone their ability to effectively communicate and express themselves through art.
- Students will engage in research and discussions about contemporary issues through their art making process.



What will Fairians learn in...

Design and Technology

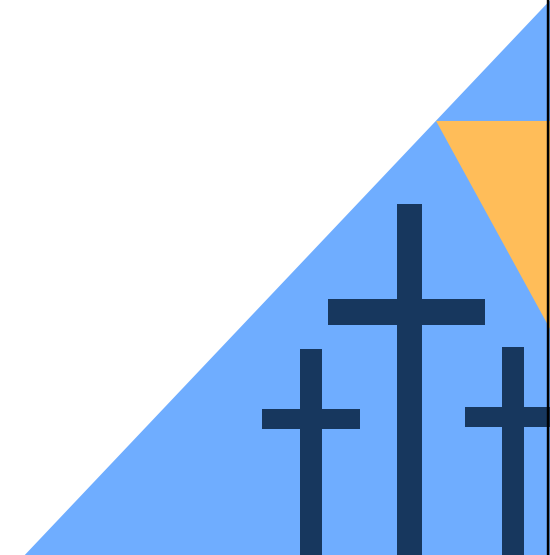
- Prepare students to deal with uncertainty and ill-defined problems in life
- Provide opportunities for students to learn and apply basic technologies such as electronic, mechanism, structure, 3d printing and more in authentic solutions.



What will Fairians 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

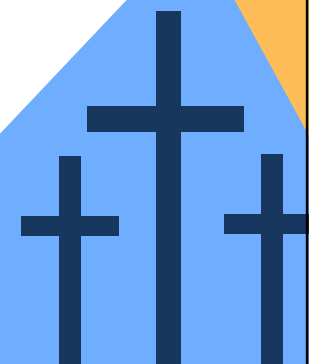


What will Fairsians learn in...

Music

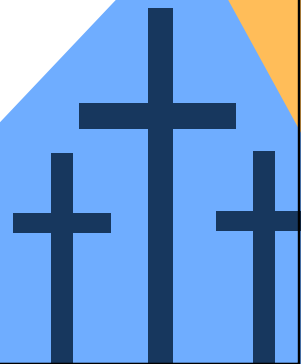
- Creative expression in the form of music
- Deeper appreciation of musical cultures
- Provide a basis for lifelong appreciation of music

**Music is offered by MOE at selected Music Centres.
The registration period will start in late May and
an email will be sent to all parents.**



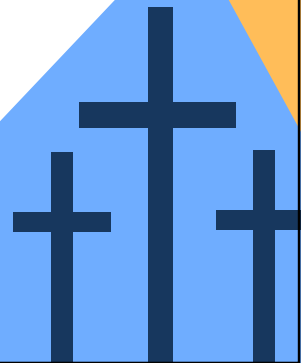
More Information

- **Syllabus Examined in 2022**
 - O-Level: <https://www.seab.gov.sg/home/examinations/gce-o-level/o-level-syllabuses-examined-for-school-candidates-2022>
 - N(A)-Level: [https://www.seab.gov.sg/home/examinations/gce-n\(a\)-level/n\(a\)-level-syllabuses-examined-for-school-candidates-2022](https://www.seab.gov.sg/home/examinations/gce-n(a)-level/n(a)-level-syllabuses-examined-for-school-candidates-2022)
- Admission Criteria to JC/MI/Polytechnic/ITE



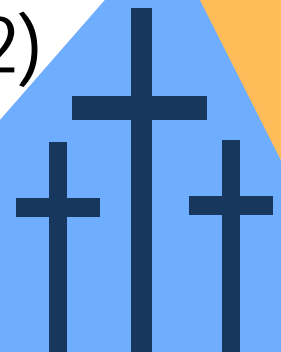
Streaming Results

- Streaming results will be emailed to the student's ICON email account.
- It will indicate your assigned **Subject Combination**.
- Each student is responsible to check their email and inform your parent/guardian of the result.



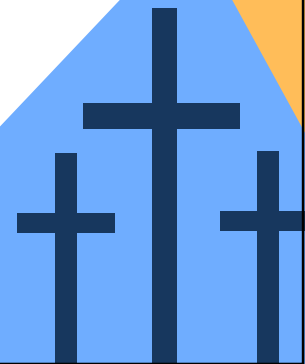
Streaming Timeline (Tentative)

- Term 4 Week 7 [25 October (1430) – 28 October 2022 (2359)]
 - Submission of Streaming Option via FormSG
- Term 4 Week 9 (8 November 2022)
 - Streaming result will be emailed
- Appeal duration (8 November – 10 November 2022)
- Appeal result by 17 November 2022



Appeal Process

- Does not guarantee you a place in your choice combination if you did not get it the first-time round
- Results still form the basis for subject allocation
- Reconsider based on certain circumstances
- Subject to vacancies in subjects, etc
- Appeal period is within 3 days once Streaming Results is emailed.
- Appeal results will be known 1 week after appeal period



Any queries on streaming...

- Form Teachers
- Mr Ang Yuan Peng and Ms Lee Chee Peng,
HoDs i/c of Sec 2 Streaming
- Mr Eric Loh, YH Sec 2
- Mr Lim Sin Heng, Vice-Principal 1

