

Secondary Course Handbook 2023



Reimagine Life's Possibilities

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Guide to choosing Pathways

Emmanuel Christian School recognises the importance of individual giftedness in making curriculum choices. The Bible makes it clear that we are different, and the provision of different pathway subjects are one way our curriculum caters for this.

Pathway choices may be made to support a career hope. It is always wise to have parents, students and teachers involved in the decisions which lead to good subject selections.

Viable class sizes are required for a class to run. Please remember that not all pathways are offered each year and some choices may also be affected by option choices being timetabled on the same line. Unfortunately, these problems cannot be helped. Consideration should be given to those pathways which are most important for the development for each individual.





Creative and Performing Arts

Art

Time-frame

Semester or whole year

Overview

This subject deals with the development of knowledge, skills, techniques and appreciation of art. The course is aimed for those students who are serious about art and want to work on developing their own skills.

Pathways

Study of this subject could lead to a wide range of personal, vocational and further educational and training options. Students who are considering doing a pre-tertiary course in Years 11 or 12 should select this pathway course in both semesters. Study of this subject could lead to careers in teaching, commercial art and design (graphic design, industrial design, and fashion design), architecture, the media, fine art (photography, painting, printmaking, and sculpture), interior design, window dressing, craft and theatre.

Drama

Time-frame

Semester One or whole year

Overview

In this subject, students will be provided with practical and creative opportunities to acquire drama skills, knowledge and understanding. Through a practical and theoretical study of drama, learners are exposed to a wide range of experiences and stagecraft. Learners develop an understanding of the creative and collaborative processes and skills needed to make drama works. Learners will attend live theatre performances in order to critically analyse production elements.

Pathways

Students who undertake this subject as a full year course may use it as a basis for a wide range of personal, vocational and further educational and training options. Students who are considering doing a pre-tertiary course in Years 11 or 12 should select this pathway course in both semesters. Study of this subject could lead to careers in teaching, commercial art and design (graphic design, industrial design, and fashion design), architecture, the media, fine art (photography, painting, printmaking, and sculpture), interior design, window dressing, craft and theatre.

Music

Time-frame

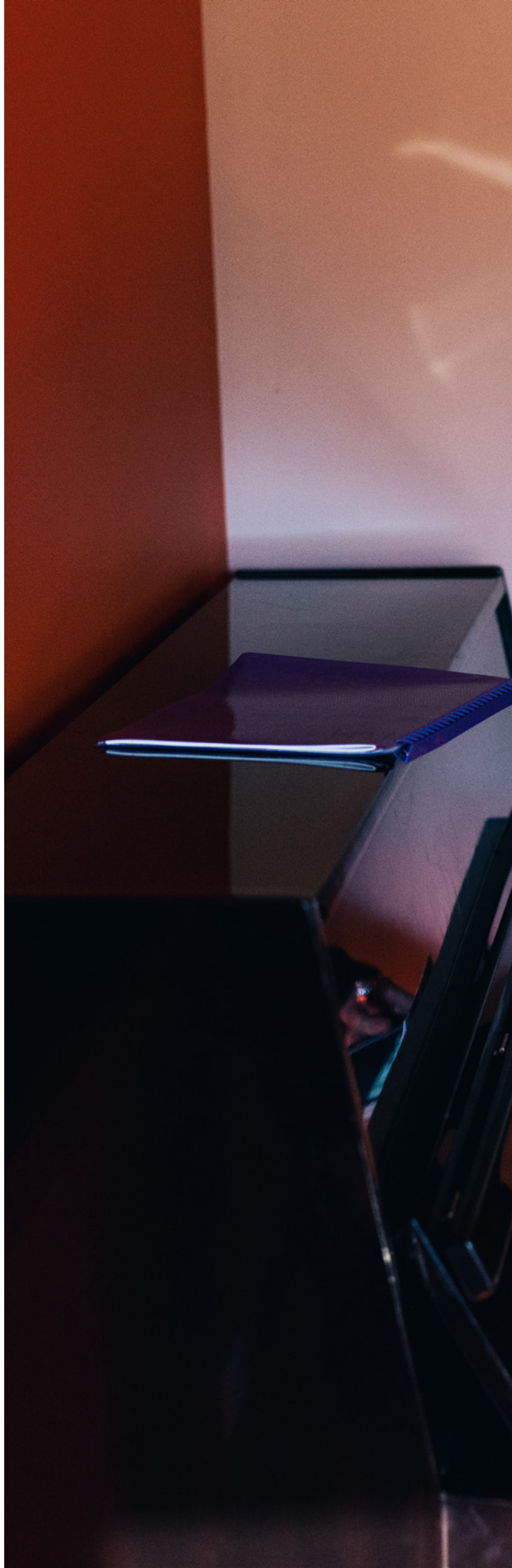
Semester or whole year

Overview

Music will enable learners to develop as musicians through an experience-based program that provides opportunities to investigate the relationship between creating, listening to and performing music. Learners will engage in reflective and critical analysis in order to refine, evaluate and articulate their ideas, and to consolidate their musical practice.

Pathways

Students who undertake this subject as a full year course may use it as a basis for a wide range of personal, vocational and further educational and training options. Music provides an excellent pathway to TASC2 and 3 subjects.







Physical Pursuits

Outdoor Education

Time-frame

Semester or whole year

Overview

Outdoor Education is designed to foster the development of independence and self-sufficiency within the context of outdoor recreational activities. Skills and knowledge will be developed through theoretical learning and experiences in a range of outdoor activities. Be prepared to find this course challenging but very rewarding.

Pathways

Students who undertake this subject as a full year course may use it as a basis for a wide range of personal, vocational and further educational and training options. Outdoor Education provides an excellent pathway to TASC2 and 3 or VET Certificate II.





Science, Technology
Engineering and Mathematics

Home Economics

Time-frame

Semester or whole year

Overview

This subject is practical in nature and enables students, through the study of foods and nutrition, to have opportunities to investigate, prepare, present and evaluate a wide variety of food items. Students will use kitchen equipment and appliances safely and hygienically in developing their skills, techniques decision making and management processes. It also provides an opportunity for creativity and design.

Pathways

Students who undertake this subject as a full year course may use it as a basis for a wide range of personal, vocational and further educational and training options. Study in this subject would assist with further study during Senior Secondary, leading to food sciences, catering, management, hospitality and related areas.

Design Technologies

Time-frame

Semester or whole year

Overview

Wood work will assist in the development of design thinking, systems thinking and project implementation skills. These practices typify modern design practice. A range of technological skills are developed through the use of tools and equipment and exposure to working with different materials.

There will be some teaching around the recognition of different timber species and their properties. Students will be taught to recognise the purposes and uses of basic wood machines, and portable power tools. A wood-based project will provide an opportunity to explore a range of skills and techniques.

Pathways

Students who undertake this subject as a full year course may use it as a basis for a wide range of personal, vocational and further educational and training options. Study in this subject would assist with further study leading to Design and Production 2C, Housing Design 3C and Vocational Education.



Mathematics Extended

Time-frame

Maths Extended

(Semester 1 and/or Semester 2)

Mathematics Methods – Foundation

Whole year

Overview

These subjects will develop confidence with mathematical tasks and extend thinking. Problem solving tasks will be undergone and critical thinking will be enhanced. Maths Extended is separate to Mathematics Methods – Foundation. Mathematics Methods – Foundation will be very demanding and require dedication from student, teacher and parents alike. There is an end-of-year externally assessed exam. This subject has the opportunity to set the students up for success in their Year 11 and 12 studies.

Units of work and learning may be chosen from:

Maths Extended

- Linear and quadratic graphs
- Algebra
- Probability
- Measurement

Mathematics Methods – Foundation

- Algebraic modeling
- Linear, quadratic and cubic functions
- Logarithmic, exponential and trigonometric functions
- Differential calculus
- Probability

Pathways

Students who undertake Maths Extended or Mathematics Method – Foundation as full year courses may use it as a basis for personal and vocational options. Maths Extended could lead to Mathematics Methods – Foundation or General Mathematics when done in conjunction with Maths Pathway.

Mathematics Methods – Foundation allows students to have the opportunity of doing Mathematics Methods in Year 11 and then Mathematics Specialised in Year 12.

The Mathematics Extended syllabus is for Year 9 and 10 students. It is designed for students who intend to undertake tertiary studies involving Mathematics and focuses on the acquisition of knowledge and skills in the areas of Algebraic Processes, Functions and Equation Study, Probability, Trigonometry and Calculus



STEM

Time-frame

Semester

Overview

This course aims to provide an opportunity for further study of Science for those who enjoy the subject area. Students will undertake design challenges and put their theoretical understandings to the test. Participants in this course will form part of the team to represent Emmanuel at the Science and Engineering Challenge.

Pathways

Students who undertake this subject as a full year course may use it as a basis for a wide range of personal, vocational and further educational and training options. Study in this subject would assist with further study in Senior Secondary years, leading to Physical Science 2C and Physical Science 3C.



Digital Technologies

Time-frame

Semester or Whole Year

Overview

This subject will develop confidence in dealing with existing and emerging Digital Technologies and deepen an understand of their application and the implication to work, leisure and communication. Students will be encouraged to develop time management and planning skills.

Units of work and learning may be chosen from:

- Programming
 - Python
 - Micro-Python
- App Creation
- Processing
- 3D Modelling/Printing
- Networking
- Arduino
- Game Design
- Robotics
- Web Design

Pathways

Students who undertake this subject as a full year course may use it as a basis for a wide range of personal, vocational and further educational and training options. This subject provides an excellent pathway to Computer Graphic and Design, Computer Science and Computing Multi Media.







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