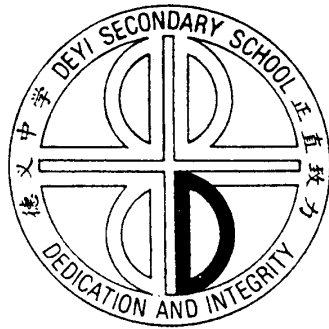# DEYI SECONDARY SCHOOL

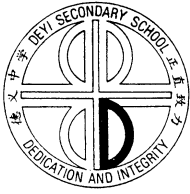# Secondary Two Streaming 2022

Information Booklet
for
Normal (Technical) Stream

Contents

Sec 3 Subject Combinations 2023

Sec 3 Normal (Technical)

5 Compulsory Subjects	6th Subject Options
Basic English	
Basic Mother Tongue	Design & Technology **or** Elements of Business Skills
Mathematics	
Science	
Computer Applications	

Note:

- Depending on the demand, not all the above subject combinations may be offered. In general, an option will only be offered if more than 15 students opted and met the qualifications for it.

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English Language (1195)

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Synopsis of Subject

English Language is a **compulsory** subject.   A pass in English Language is a requirement for post-secondary education.

Students should be able to:

- Listen, read and view critically and with accuracy and understanding a wide range of literary and informational/functional texts from print and non-print sources;
- Speak, write and represent in internationally acceptable English (Standard English) that is grammatical, fluent, mutually intelligible and appropriate for different purposes, audiences, contexts and cultures; and
- Understand and use internationally acceptable English (Standard English) grammar and vocabulary accurately and appropriately as well as understand how speakers/writers put words together and use language to communicate meaning.

The English Language curriculum aims to help students become independent lifelong learners, creative thinkers and problem solvers who can communicate effectively in English. It also equips them with the necessary skills to analyse, evaluate and respond appropriately as they acquire the essence of the English Language.

Examination Format

There will be **four** compulsory papers for the English Language examination:

Paper	Description	Duration	Marks	Weighting
1	**Writing** Section A: Functional Tasks Section B: Guided Writing	1 hr 15 min	**60** 30 30	30%
2	Language Use & Comprehension Section A: Language Use Section B: Reading Comprehension	1 hr 20 min	**80** 40 40	40%
3	Listening Comprehension	about 45 min	20	10%
4	Oral Communication	about 20 min	40	20%

Mother Tongue Languages

CL: 1202   ML: 1203   TL: 1204

Synopsis of Subject

Mother Tongue Language is a compulsory subject. The course focuses on training basic text comprehension skills, listening skills and oral communication skills.

Students should be able to :

- Read with understanding
- Express their ideas fluently

The Mother Tongue Language curriculum aims to develop students to become competent users of their own mother tongue language. It also aim to nurture and promote students' interests and appreciation of their cultural heritage, while at the same time embracing cultural diversity.

Examination Format

There are **three** compulsory papers for the Mother Tongue Language examination:

Paper	Description	Duration	Marks	Weighting
1	Reading Comprehension	50 min	30	30%
2	Oral	about 10 min	50	50%
3	Listening Comprehension	about 30 min	20	20%

Mathematics Syllabus T (4046)

Synopsis of Subject

Mathematics is a compulsory subject. The course aims to enable students to:
- acquire mathematical concepts and skills for real life, to support learning in other subjects and to prepare for vocational education;
- develop thinking, reasoning, communication, application and metacognitive skills through a mathematical approach to problem solving; and
- build confidence in using mathematics and appreciate its value in making informed decisions in real life.

Examination Format

Scientific calculators are allowed in <u>both</u> Paper 1 and Paper 2.

Paper	Description	Duration	Marks	Weighting
1	There will be 11-13 short questions carrying 2-4 marks, largely free from context, testing more on fundamental concepts and skills, followed by 2 longer questions carrying 6-8 marks, developed around a context.	1 hr 30 min	50	50%
2	There will be 11-13 short questions carrying 2-4 marks, largely free from context, testing more on fundamental concepts and skills, followed by 2 longer questions carrying 6-8 marks, developed around a context.	1 hr 30 min	50	50%

Design & Technology (7062)

Prerequisites

- Pupils must possess the discipline and determination to engage in recurring problem-solving design activities.
- Pupils must have the aptitude in 2D and 3D graphical techniques in design communication.

Synopsis of Subject

Design & Technology places great emphasis on the discipline of design awareness, appreciation of function, aesthetics and technology in design. It aims to promote problem solving design activities and to develop appropriate technical and graphical skills to realize solutions in design problems. As this subject is primarily coursework-based over 8 month's duration, it demands the virtues of self-discipline, inquisition and diligence of an independent learner to sustain and engage in creative exploratory design work.

Framework & Content

Section 1: Design
Design method, design conceptualisation and development skills

Section 2: Technological Areas
Mechanisms and electronics for designing and making controlled systems

Section 3: Materials and Practical Processes
Work with resistant materials and modeling materials using appropriate tools and equipment

Examination Format

Paper	Description	Duration	Marks	Weighting
1	**Written paper** Answer all 5 compulsory questions based mainly on Design process, Design contents and Technological Areas. Question 1 – 3 on Design carry 6 marks each and Question 4 – 5 on Technology carry 16 marks each.	1 hr	50	30%
2	**Coursework** The coursework comprises two interrelated components namely: **Part A:** Design Journal **Part B:** Presentation Boards (A2-sized, single sided, two pieces maximum)	20 weeks	70	70%

Computer Applications (7018)

Synopsis of Subject

The course aims to teach the students the following modules:
1.   Computer Fundamentals (CPF)
2.   Media Elements (MEL)
3.   Document Processing (DOP)
4.   Spreadsheets (SST)
5.   Interactive Multimedia Communication (IMC)
6.   Animation and Game Making (AGM)

Examination Format for N Level

Paper	Mode	Duration	Weighting	Marks	Format	Modules Assessed
1	Written	1 hr 15 min	30%	20	Section A: 20 Multiple Choice Questions	All the six modules
				40	Section B: Variable number of Short Structured Questions	All the six modules
2	Practical (Lab-Based)	1 hr 30 min	35%	70	1 task on each of the modules. Total 3 tasks.	MEL, DOP, IMC
3	Practical (Lab-Based)	1 hr 30 min	35%	70	1 task on each of the modules. Total 3 tasks.	MEL, SST, AGM

Elements Of Business Skills (7066)

Prerequisite :

Preferably good grades in both English and Computer Applications.

Synopsis of subject :

The services sector has grown substantially over the years contributing significantly to the economy of the country. It continues to be a key driver for employment growth in Singapore. Given the broad economic trends and the focus on services, in particular, in tourism and related industries, it is important that students are provided opportunities to be equipped with generic employability skills to stay relevant for the future.

They syllabus aims to equip students with the basic knowledge, skills and values relevant for the new developments in the services sector. The focus is on the development of a range of knowledge and core skills in business and enterprise with particular emphasis on retail, travel and tourism, and hospitality industries.

Paper	Description	Duration	Marks	Weighting
1	There will be 4 compulsory short-response and structured questions.	1 hr 30 min	100	60%
2	Coursework The coursework requires candidates to conduct research on a business in one of three service industries, namely travel and tourism, hospitality and retail industries, in the Singapore context and make recommendations on how the business can improve its marketing mix or customer service.	20 hr	80	40%

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Science Syllabus T (5148)

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Prerequisite:

Students should have a strong interest in Science and have done well in the subject.

Synopsis of Subject

The syllabus aims to
(i) Guide students in acquiring knowledge with understanding for application in their daily lives;
(ii) Develop 21st century competencies;
(iii) Enable students to be suitably prepared for post-secondary courses.

The syllabus contains the following modules:
(i) Gadgets Work Wonders
(ii) Food Matters
(iii) Wonders of My Body

Examination Format

Paper	Description	Duration	Marks	Weighting
1	Multiple Choice	1 hr	40	40 %
2	Short Answers or Structured	1 hr 15 min	60	60 %

Paper 1   40 compulsory multiple choice questions.

Paper 2   This paper consists of a variable number of short-answer or structured questions. One of the questions is a data response question, requiring candidates to interpret, evaluate or solve problems using data and/or observations.   This question will carry 8-12 marks.

Approximately 60% of the marks will be based on Knowledge with understanding and 40% will be on Handling and applying information.   Questions on experimental sills and investigations will normally be set within the bounds of the syllabus.

<u>FREQUENTLY ASKED QUESTIONS (FAQs)</u>

Q1   **What is the main criterion for streaming?**

Ans   Streaming is based on merit. The main criterion for streaming is the overall results of the pupil.

Q2   **If I am unsuccessful in first choice subject combination, how does it affect my chances of getting the second choice?**

Ans   It does NOT affect your chances of getting into your second choice.   Streaming is based on merit; the best students get streamed into their choice of subject combination first.

**USEFUL INFORMATION ABOUT POST-SECONDARY EDUCATION
(extracted from Joint Intake Exercise (JIE) Booklet)**

Normal (Technical) Subjects

The computation of ITE aggregate points for Normal (Technical) subject grades for merit-based ranking for admission to full-time *Nitec* courses, is shown in the table below:

Computation of ITE Aggregate Points for Normal (Technical) Subjects

Normal (Technical) Grade	ITE Aggregate Points
A	1
B	2
C	3
D	4
U	5

Normal (Academic) Subjects

The computation of ITE aggregate points for Normal (Academic) subject grades for merit-based ranking for admission to full-time *Nitec* courses, is shown in the table below:

Computation of ITE Aggregate Points for Normal (Academic) Subjects

Normal (Academic) Grade	ITE Aggregate Points
1, 2	1
3	2
4	3
5	4
U	5

Bonus Points

The table below provides details for the computation of bonus points available. Please note that these bonus points are not taken into account when considering whether applicants are eligible for courses. The bonus points will only come into effect when the applicant has been deemed eligible and is being considered for posting based on merit.

Types of Bonus Points	Number of Bonus Points Awarded
For applicants with the following CCA grades: a) Excellent or Grades of A1 – A2 b) Good or Grades of B3 – C6	 2 points 1 point
Applicants with GCE 'N (Academic)' level grades of 1 to 5 for pre-requisite subjects (e.g. Mathematics, English and Science) for the courses applied for.	2 points for each pre-requisite subject, up to a maximum of 4 points for the course applied.