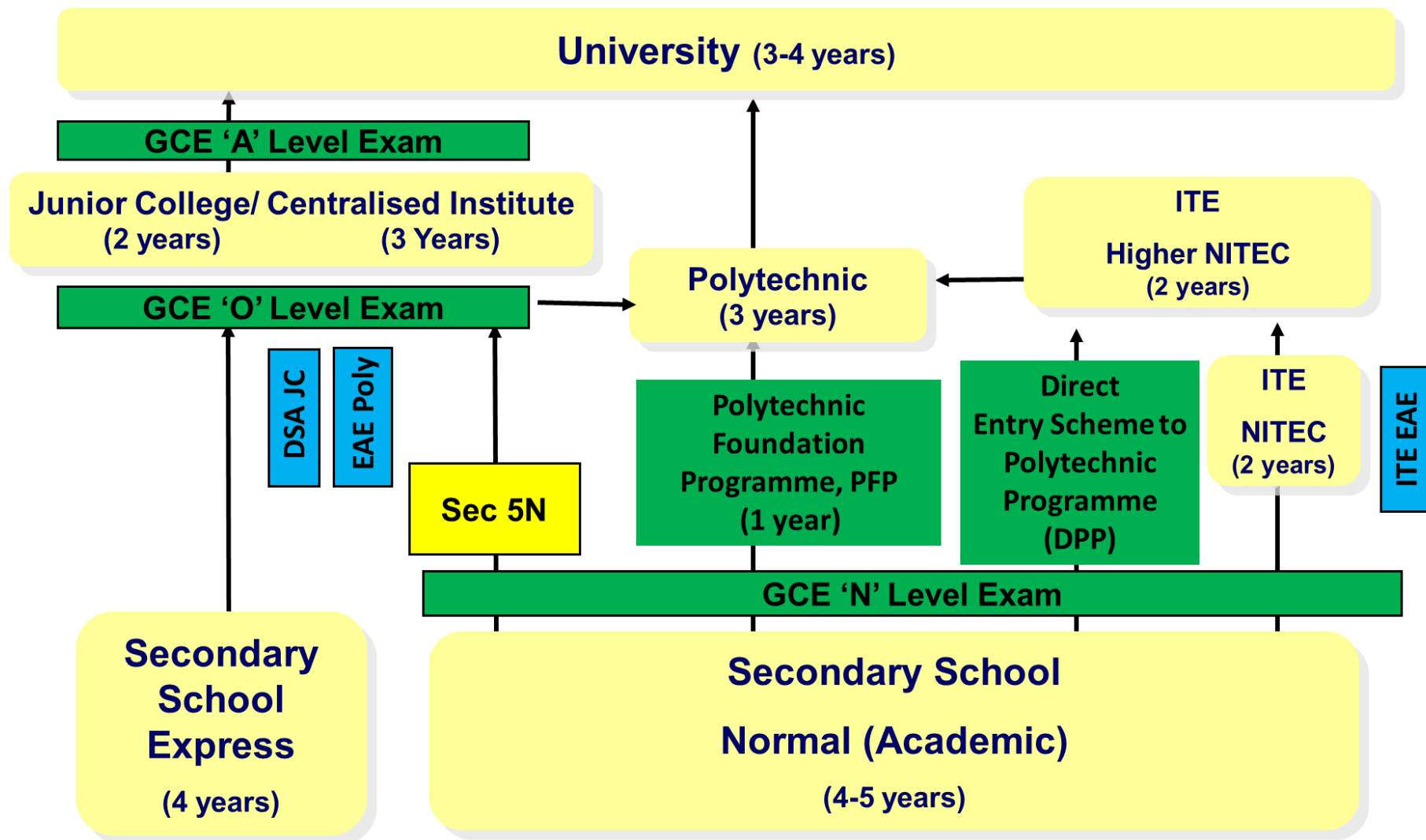


**Sec 2**

**STREAMING**

**2019**

# Secondary Education Landscape



# Preparing for Upper Secondary

- Preparing for Subject Streaming – Making informed choices
  - Understanding interests
  - Recognising strengths and weaknesses
  - Subjects and their future relevance
- Education & Career Guidance
  - Awareness and explorations of paths ahead
    - [myskillsfuture.sg](http://myskillsfuture.sg)
    - [Polytechnic.edu.sg](http://Polytechnic.edu.sg)
    - [www.moe.gov.sg/docs/default-source/document/education/post-secondary/files/post-secondary-brochure.pdf](http://www.moe.gov.sg/docs/default-source/document/education/post-secondary/files/post-secondary-brochure.pdf)

# Streaming Objective

- Pupils are allocated subjects in Upper Secondary
  - That best meet their interest and abilities
  - Provides wide range of options for Post-Secondary Education
  - Based on resource availability

# Streaming Criteria

- Pupils' Choice
- Merit (Overall Performance + Performance in specific subject)
- Teachers' Recommendation
- Availability of Places for each subject combination

# Streaming Criteria

- Certain subjects may not be offered after the streaming exercise if there are insufficient students to start a class.

# Sec 3E Subject Combination 2020



	<b>3E COMBINATION 1</b>	<b>3E COMBINATION 2</b>
<b>1</b>	English	English
<b>2</b>	Mother Tongue	Mother Tongue
<b>3</b>	Elementary Mathematics	Elementary Mathematics
<b>4</b>	A) Social Studies with History B) Social Studies with Geography	A) Social Studies with History B) Social Studies with Geography
<b>5</b>	Science(Chemistry/ Physics)	Physics
<b>6</b>	A) A Math B) Principles of Accounts	Chemistry
<b>7</b>	A) English Literature B) Art C) Design & Technology D) Biology E) Food and Nutrition	A Math
<b>8</b>		Biology (By Merit)

# SEC 3E

## Streaming Criteria



# Streaming Criteria

SUBJECT	RELEVANT SEC 2 SUBJECT	CRITERIA
<b>Additional Mathematics</b>	<b>Mathematics</b>	<b>B3 or better</b>
<b>3 Pure Sciences &amp; Additional Mathematics</b>	<b>Science</b>	<b>A2 or better</b>
	<b>Mathematics</b>	<b>B3 or better</b>
<b>2 Pure Sciences &amp; Additional Mathematics</b>	<b>Science</b>	<b>B3 or better</b>
	<b>Mathematics</b>	
<b>Pure Biology with Sci(P/C) and A Maths</b>	<b>Science</b>	<b>B3 or better</b>
	<b>Mathematics</b>	

# Streaming Criteria

SUBJECT	RELEVANT SEC 2 SUBJECT	CRITERIA
Design & Technology	Design & Technology	B4 or better
Art	Art	B4 or better
Principles of Accounts	Mathematics	C6 or better
English Literature	English	B3 or better
	English Literature	
Food and Nutrition	Food and Consumer Education	B4 or better

# Sec 3NA Subject Combination 2020



## **3NA COMBINATION**

**1**

**English Syllabus (A)**

**2**

**Mother Tongue**

**3**

**Mathematics Syllabus (A)**

**4**

**Science(Chemistry/ Physics)**

**5**

**A) Social Studies with Geography  
B) Social Studies with History**

**6**

**A) Art  
B) Design & Technology  
C) Principles of Account  
D) A Maths**

**SEC 3 NA**  
**Streaming**  
**Criteria**



# Streaming Criteria

SUBJECTS	RELEVANT SEC 2 SUBJECT	CRITERIA
Design & Technology	Design & Technology	Grade 4 or better
Art	Art	Grade 4 or better
Additional Mathematics	Mathematics	Grade 1
Principles of Accounts	Mathematics	Grade 5 or better
	English	Grade 4 or better

# Special Note

Mother Tongue Language Syllabus B: Cannot be used in the computation of aggregate

Which  
Combination?



# JC/ Millennia Institute(MI) OPTION ...



## A Level Curriculum

### Subject Discipline

Core H1:

1. General Paper
2. Project Work Language
3. Mother Tongue Languages

+

3 H2 + 1 H1 content subject  
(one of the 4 subjects has to  
be a contrasting subject)

### Assessment

A Level Exams at one sitting at  
the end of 2/3 years

ENTRY REQUIREMENT:

JC OPTION:

**L1R5≤20**

ENGLISH REVELANT SUBJECTS

SUBJECTS	Grades
EL	≤C6
MA & MT	≤D7, Pass Syllabus B

MI OPTION:

**L1R4≤20**

ENGLISH REVELANT SUBJECTS

SUBJECTS	Grades
EL	≤C6
MA & MT	≤D7, Pass Syllabus B

## JC OPTION:

**L1R5≤20**

**Relevant Subjects**

### Aggregate Types Computation Criteria

#### L1R5 : For Junior College Course

L1	First Language	- English/ Higher Mother Tongue
R5	Relevant Subject 1	- Humanities/ Higher Art/ Higher Music/ Malay (Special Programme)/ Chinese (Special Programme)/ Bahasa Indonesia
	Relevant Subject 2	- Mathematics/ Science
	Relevant Subject 3	- Humanities/ Higher Art/ Higher Music/ Mathematics/ Science/ Malay (Special Programme)/ Chinese (Special Programme)/ Bahasa Indonesia
	Relevant Subject 4	- Any GCE 'O' Level subjects (except Religious Knowledge and CCA)
	Relevant Subject 5	- Any GCE 'O' Level subjects (except Religious Knowledge and CCA)

## MI OPTION:

**L1 R4 ≤ 20**

## Relevant Subjects

L1R4 : For Millennia Institute Course		
L1	First Language	- English/ Higher Mother Tongue
R4	Relevant Subject 1	- <u>Humanities/ Higher Art/ Higher Music/ Mathematics/ Science/ Malay (Special Programme)/ Chinese (Special Programme)/ Bahasa Indonesia</u>
	Relevant Subject 2	- <u>Humanities/ Higher Art/ Higher Music/ Mathematics/ Science/ Malay (Special Programme)/ Chinese (Special Programme)/ Bahasa Indonesia</u>
	Relevant Subject 3	- Any GCE 'O' Level subjects (except Religious Knowledge and CCA)
	Relevant Subject 4	- Any GCE 'O' Level subjects (except Religious Knowledge and CCA)

# Polytechnic ...



Singapore  
Poly



Ngee Ann  
Poly



Temasek  
Poly



Nanyang  
Poly



Republic  
Poly



## Polytechnic Curriculum

### Focus on Specialisation

- Industry related skills
- Applied learning
- Oriented towards specific careers
- Bite sized modules

### Assessment

Results for every module count towards their cumulative grade point average (GPA)

# **POLYTECHNIC COURSES:**

**Applied Sciences**

**Built Environment**

**Business & Management**

**Engineering**

**Health Sciences**

**Humanities**

**Information & Digital Technologies**

**Maritime Studies**

**Media & Design**

## POLYTECHNIC OPTION:

# EL R2 B2

# ENGLISH

## RELEVANT 2 SUBJECTS

## BEST 2 SUBJECTS

## EG: MEDIA & COMMUNICATION (SP) (ELR2B2-A)

SUBJECTS	Grades
EL	≤B4
MA	≤D7
Any other 3 subjects *	≤C6

## Cut-off 2018: 14 Points

## \*RELEVANT SUBJECTS (R2)

## Group 1

## Combined Humanities

## Art & Design

# Literature in English

# Music

## Group 2

# Elementary Mathematics

## Additional Mathematics

## Art & Design

## Combined Humanities

## Design & Technology

## Food & Nutrition

# Literature in English

# Principles of Accounts

## Music

# POLYTECHNIC OPTION:

# EL R2 B2

ENGLISH

RELEVANT 2  
SUBJECTS

BEST 2  
SUBJECTS

EG: BIOMEDICAL SCIENCE (NP)  
(ELR2B2-C)

SUBJECTS	Grades
EL	≤D7
MA	≤C6
Any one of the subjects*	≤C6

Cut-off 2018: **7 Points**

**\*RELEVANT  
SUBJECTS (R2)**

## Group 1

E Maths  
A Maths

## Group 2

Biology  
Chemistry  
Physics  
Combined Science  
Design & Technology  
Food & Nutrition

## Course Cut-Off Points 2018

	SP	NP	NYP	TP	RP
<b>Applied Science</b>	<b>7 -13</b> (7 courses)	<b>7 –17</b> (6 courses)	<b>10 -16</b> (6 courses)	<b>9 -15</b> (6 courses)	<b>13 –26</b> (6 courses)
<b>Built Environment</b>	<b>13 – 20</b> (5 courses)	<b>13 –16</b> (3 courses)	<b>20</b> (1 course)	<b>18 –24</b> (2 courses)	<b>26</b> (1 course)
<b>Business &amp; Management</b>	<b>13</b> (6 courses)	<b>10 – 12</b> (8 courses)	<b>14 –18</b> (10 courses)	<b>13 –21</b> (12 courses)	<b>17 –26</b> (14 courses)
<b>Engineering</b>	<b>12 – 18</b> (9 courses)	<b>10 – 20</b> (11 courses)	<b>15 –26</b> (13 courses)	<b>12 –22</b> (7 courses)	<b>22 –26</b> (5 courses)
<b>Health Sciences</b>	<b>13</b> (1 course)	<b>13 –28</b> (2 courses)	<b>13 –28</b> (3 courses)	NA	<b>14 –26</b> (4 courses)
<b>Humanities</b>	<b>12 - 14</b> (2 courses)	<b>8 – 21</b> (4 courses)	NA	<b>10 –16</b> (3 courses)	NA
<b>Information and Digital Tech</b>	<b>10 – 13</b> (3 courses)	<b>10 –14</b> (6 courses)	<b>10 – 19</b> (7 courses)	<b>11 -18</b> (5 courses)	<b>21 –26</b> (6 courses)
<b>Maritime Studies</b>	<b>18 - 20</b> (2 courses)	<b>20</b> (1 course)	NA	NA	NA
<b>Media &amp; Design</b>	<b>10 -14</b> (7 courses)	<b>10 -17</b> (6 courses)	<b>11 – 20</b> (7 courses)	<b>14 -19</b> (5 courses)	<b>18 -22</b> (6 courses)

## *What this means...*

ELR2B2	Estimate No. of Courses	Average grades/subject
9 Points	191 courses	A1-A2

ELR2B2	Estimate No. of Courses	Average grades/subject
15 Points	111 courses	B3

ELR2B2	Estimate No. of Courses	Average grades/subject
19 Points	59 courses	B4

The image features a dark asphalt background with a white arrow pointing upwards. At the bottom, a pair of teal sneakers with white laces and white soles is visible. A semi-transparent grey banner is positioned across the middle of the image, containing text.

*All you need to know about the*

# **Early Admissions Exercise**



# **Things You Should Know About the EAE**

# 1 It's for those who have *aptitudes* and *interests* in specific fields of study

- Focus on **course-specific aptitudes and interests**
- But, non-course-specific achievements, e.g. sports, leadership, also considered

## 2 You'll be assessed through different modes

- E.g. interviews, aptitude tests, showcasing your portfolio, depending on the course you apply for

## 3 All this will take place *before* your O-Level exams

- If your application is successful, the polytechnics will give you a **conditional offer** before you take the O-Level exams

**4**

**You'll still have to meet the polytechnic admissions criteria**

- Net ELR2B2 score of **26 points or better** at O-Levels
- **Minimum entry requirements** for the polytechnic course

**(...or your offer will be revoked)**

**5**

**But you won't have to compete for admission to polytechnic strictly on the basis of how well you do academically compared to everyone else**





# Things You Could Prepare


# Step 1 Explore their interests and develop their strengths

- Advanced Elective Modules; Applied Subjects; Applied Learning Programme
- Work attachments; community / volunteer work
- Course-related school / personal activities, course-related achievements and projects, CCAs



# Step 2

**Research on the polytechnic courses they are interested in and related careers in the sector**

- 
- Attend **EAE talks and workshops** at the polytechnics
  - Conduct online **research**, e.g. polytechnic websites
  - Visit **course counselling booths** at the polytechnics during Application Stage
  - Talk to **teachers, ECG Counsellors (every Thursday at the School Library), family/relatives**

# Step 3 Application

## Write-ups

- Short-write-up on why they want to enter the course
- Clear and concise descriptions of their interests, passion and relevant skills, experiences and activities participated in

## Prepare relevant documents

- Portfolios (where relevant), e.g. samples of creative work done for design courses
- Other examples include evidence of experiences / involvement in course-related activities, CCA records, course-related certificates / awards, latest school-based examination results

## Prepare for interviews

# Progression Opportunities for Sec 4 N(A)



**Polytechnic  
Foundation  
Programme (PFP)**



**Direct-Entry-Scheme  
to Polytechnic  
Programme (DPP)**



***Nitec Programmes***



**Secondary 5 N(A)**

**Poly  
Foundation  
OPTION ...**



# POLY FOUNDATION PROGRAMME (PFP)

**E M B3≤12**

## **Group 1**

**Science-Based /  
Technology / Design**

## **Group 2**

**Business-Related /  
Media / Humanities**

# Rationale for Expansion of the PFP

PFP Students are doing better than cohort

	GPA (3.5 and above)	GPA (3.0 and above)
PFP	35%	70%
Cohort	25%	55%

# POLY FOUNDATION PROGRAMME (PFP)

Group 1 Courses Science-Based/Technology/Design	Minimum Required Grades
English	3
Mathematics/Additional Mathematics	3
One of the following relevant subjects: <ul style="list-style-type: none"><li>- Design and Technology</li><li>- Food and Nutrition</li><li>- Science</li></ul>	3
Any two other subjects excluding CCA	3

Website for PFP - <https://pfp.polytechnic.edu.sg/PFP/index.html>

# POLY FOUNDATION PROGRAMME (PFP)

Group 2 Courses Business-Related/Media/Humanities	Minimum Required Grades
English	2
Mathematics/Additional Mathematics	3
One of the following relevant subjects: <ul style="list-style-type: none"><li>- Art</li><li>- Literature in English</li><li>- Combined Humanities</li><li>- Principles of Accounts</li></ul>	3
Any two other subjects excluding CCA	3

Website for PFP - <https://pfp.polytechnic.edu.sg/PFP/index.html>

**Direct Entry  
Scheme to  
Polytechnic  
Programme(DPP)**

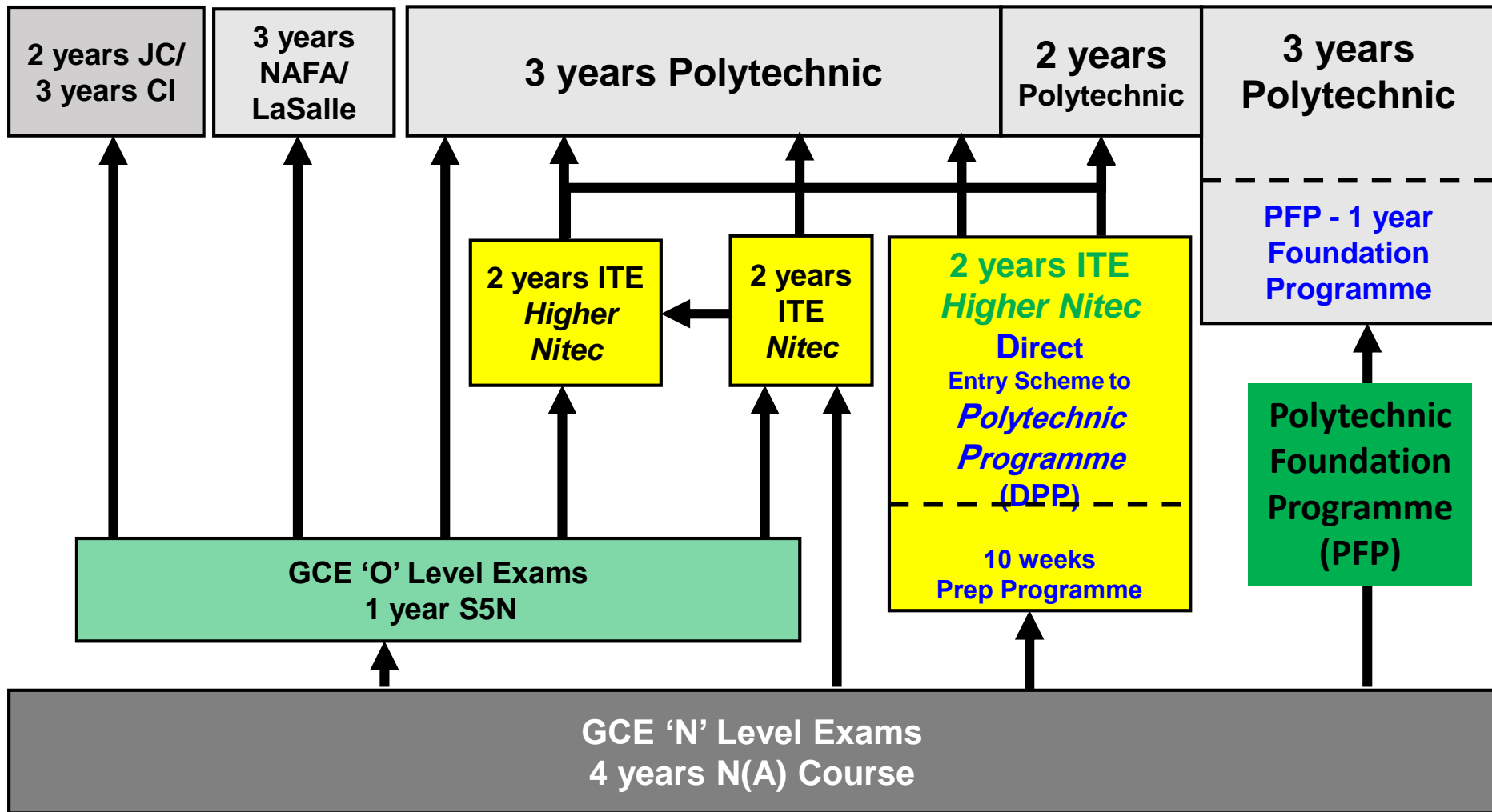


# Direct Entry Scheme to Polytechnic Programme(DPP)

GPA Score      Polytechnic Admission	
<b>Business &amp; Services<sup>1</sup></b>	
<b>GPA <math>\geq 3.0</math></b>	<b>1<sup>st</sup> year Polytechnic</b>
<b>Applied Sciences<sup>2</sup></b>	<b>Engineering<sup>2</sup></b>
	<b>Info-Comm Technology<sup>2</sup></b>
<b>GPA <math>\geq 2.5</math></b>	<b>1<sup>st</sup> year Polytechnic</b>
<b>GPA <math>\geq 3.5</math></b>	<b>2<sup>nd</sup> year Polytechnic</b>

*(GPA - Grade Point Average)*

# PATHWAYS for NA Students



# 4 MAIN TYPES OF OPTIONS

**Sec 5NA  
(1 Year)**

**EMB3 ≤ 19**

**ITE (DPP) to  
Higher Nitec  
(2 Years)**

**EMB3 ≤ 19(15)**

**Polytechnic  
Foundation Prog (PFP)  
(1Yr Foundation, 3 yr Poly)**

**EMB3 ≤ 12**

**ITE Nitec  
(2 Years)**

**Best 4 meet cut-off**



Ministry of Education  
SINGAPORE

# Bonus Points for Computation of Net Aggregate Scores

## Co-Curricular Attainment

Excellent : 2 points      Good : 1 point      Fair : 0 point  
[Admission to JC/Poly/ITE]

## Pass in Higher Mother Tongue/ 3<sup>rd</sup> Language

2 points for admission to JC/MI if chosen b4 any Poly course

## Affiliated JC

2 points for admission if chosen as 1<sup>st</sup> choice

**Limited to a Maximum of 4 Bonus Points**

# Grades are not everything

Child's interests and well-being matter too

## *Common stress symptoms*

- *Headache*
- *Complaints of aches and pain*
- *Frequent sickness*
- *Decreased energy and insomnia*
- *Depression*
- *Rapid heartbeat*
- *Sweating*

# eStreaming Exercise



# eStreaming Exercise Timeline

**25 Oct [Fri], 2pm – 31 Oct [Thu], 4pm**

**1** Log into  
Ask n Learn  
portal



**2** Choose your Top 3  
Subject Combination



**7 Nov [Thu], 2pm**

**3** Release of Streaming exercise result

# eStreaming Exercise Timeline

**Oct 19**

**Nov 19**

**eStreaming  
Briefing**

**Online  
Selection  
25 Oct (2pm) –  
31 Oct (4pm)**

**Streaming  
Allocation**

**Release of Streaming Ex Result  
7 Nov (2pm) onwards**

**Appeal  
7 – 11 Nov  
(4pm)**

**Appeal  
Review**

**Release of  
Appeal Result  
21 Nov (2pm)**

# Keeping in touch

- Communication Channels
  - School No. 68933297
  - Email Staff & School Leaders directly or to [ccss@moe.edu.sg](mailto:ccss@moe.edu.sg)
  - Visit our website at: <http://www.christchurchsec.moe.edu.sg/>
- Student Handbook