

Education and Career Guidance - ECG

Exploring Opportunities

Post-secondary education pathways
Career Aspirations

Discovering Purpose

Values, interests, personality,
skills & strengths



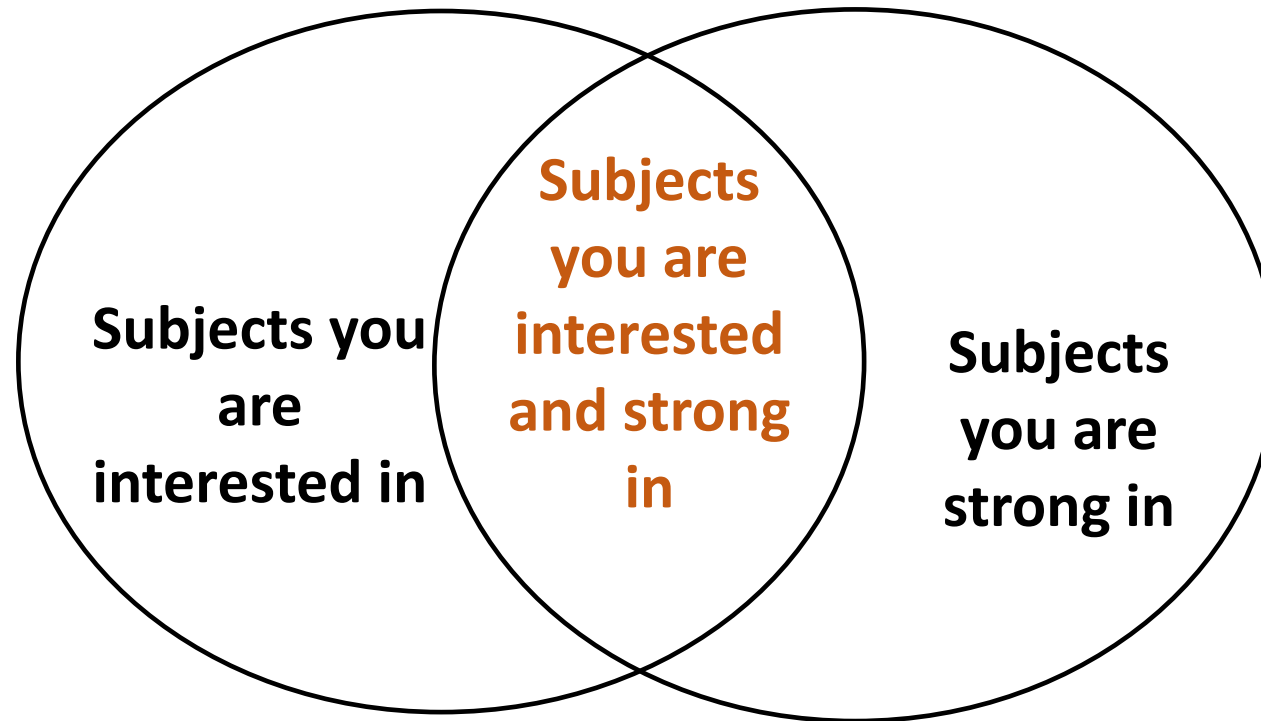
Staying Relevant

Understand subject requirements
Work towards education and
career goals



Discovering Purpose – *Who am I?*

- What are my **values, interests, personality, skills and strengths (VIPs)**?
- What have I **learnt from experiences & activities** in or out of school?
- **Which subjects** am I **interested in or good at?**



Exploring Opportunities – *Where do I want to go?*

Which **subjects would be relevant for my aspirations?**

Examples

Career interest in *Research/ Biomedical Sciences*

↪ Relevant subjects – Maths, Chemistry and Biology

Career interest in *Architecture/ Design*

↪ Relevant subjects – Design & Technology and Art

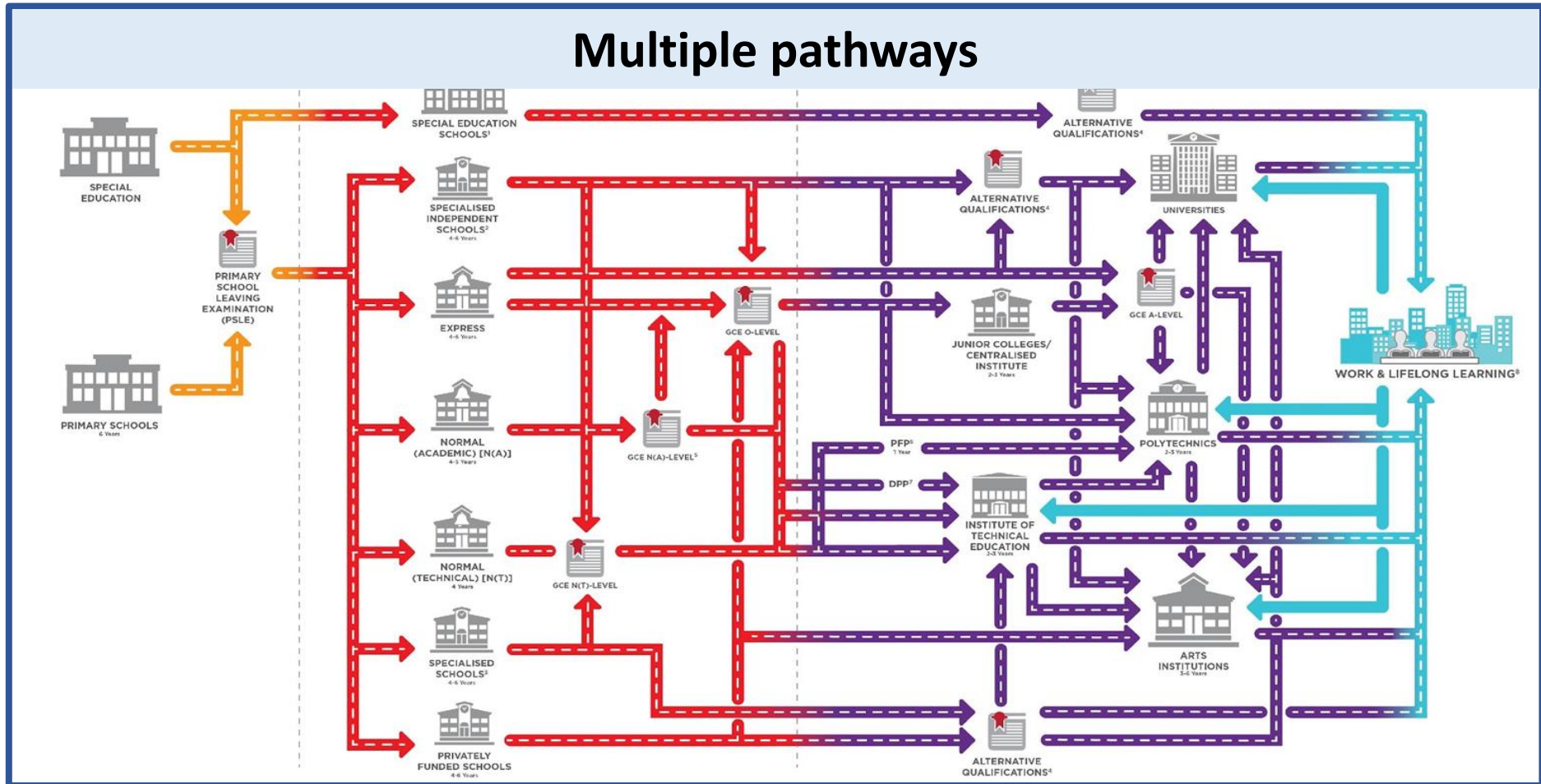
Career interest in *Social work/ Psychology*

↪ Relevant subjects – Social studies, History, Biology



Exploring Opportunities – *Where do I want to go?*

What **post-secondary education pathways** are suitable for me?



Post-secondary Education Pathways

A Levels

18 Junior Colleges & Millennia Institute

2 or 3 years

Prepares learners with skills and knowledge required for tertiary education.

Polytechnic Diploma

5 Polytechnics

2 or 3 years

Applied learning that equips students with deep skills required at the workplace.

Arts Diploma

Arts Institutions

3 years

Allows students with the aptitude and interest to pursue the creative arts at the tertiary level.

Higher Nitec

3 ITE Colleges

2 or 3 years

Learn technical skills and knowledge to meet the workforce needs of the industry



Changes for students taking O-Level/ G3 subjects A-level curriculum

THE STRAITS TIMES

Fourth content-based A-level subject to be dropped from university admission score



Amelia Teng
Education Correspondent

UPDATED MAR 28, 2023, 4:20 PM SGT



- **3 content-based subjects** will count towards University Admission Score (UAS) by default from 2026. The fourth content-based subject included only if it improves UAS
- **Removal of mid-year exams** progressively from 2024
- **All students must study General Paper**; Knowledge and Inquiry (KI) remains a contrasting subject for both Art and Science students
- **Project Work** is now a **Pass-Fail** subject

Source: <https://www.straitstimes.com/singapore/politics/fourth-content-based-a-level-subject-to-be-dropped-from-university-admission-score>



Changes for students taking N(A)/ G2 subjects Polytechnic Foundation Programme (PFP)

AY 2024 :

- Relax minimum grade requirement for 2 **'Best' subjects** in ELMAB3 aggregate computation from Grade 3 to **Grade 4** (Table 1).
- Expansion of student intake** to 1700 per academic year.

AY 2026:

- Students choose a **cluster of interest** instead of a specific diploma
 - Sciences
 - Design, Engineering & Technology, or
 - Humanities, Art, Media and Business

Except Nursing and Early Childhood Development & Education courses

Table 1: Subject specific requirements for PFP

N(A)-Level Subjects	Previous Grade Requirement	New Grade Requirement
English	2 or 3; depending on course	2 or 3; depending on course
Mathematics	3	3
Relevant Subject	3	3
Two "Best" Subjects	3	4



Changes for students taking N-Levels (G1/G2 subjects)

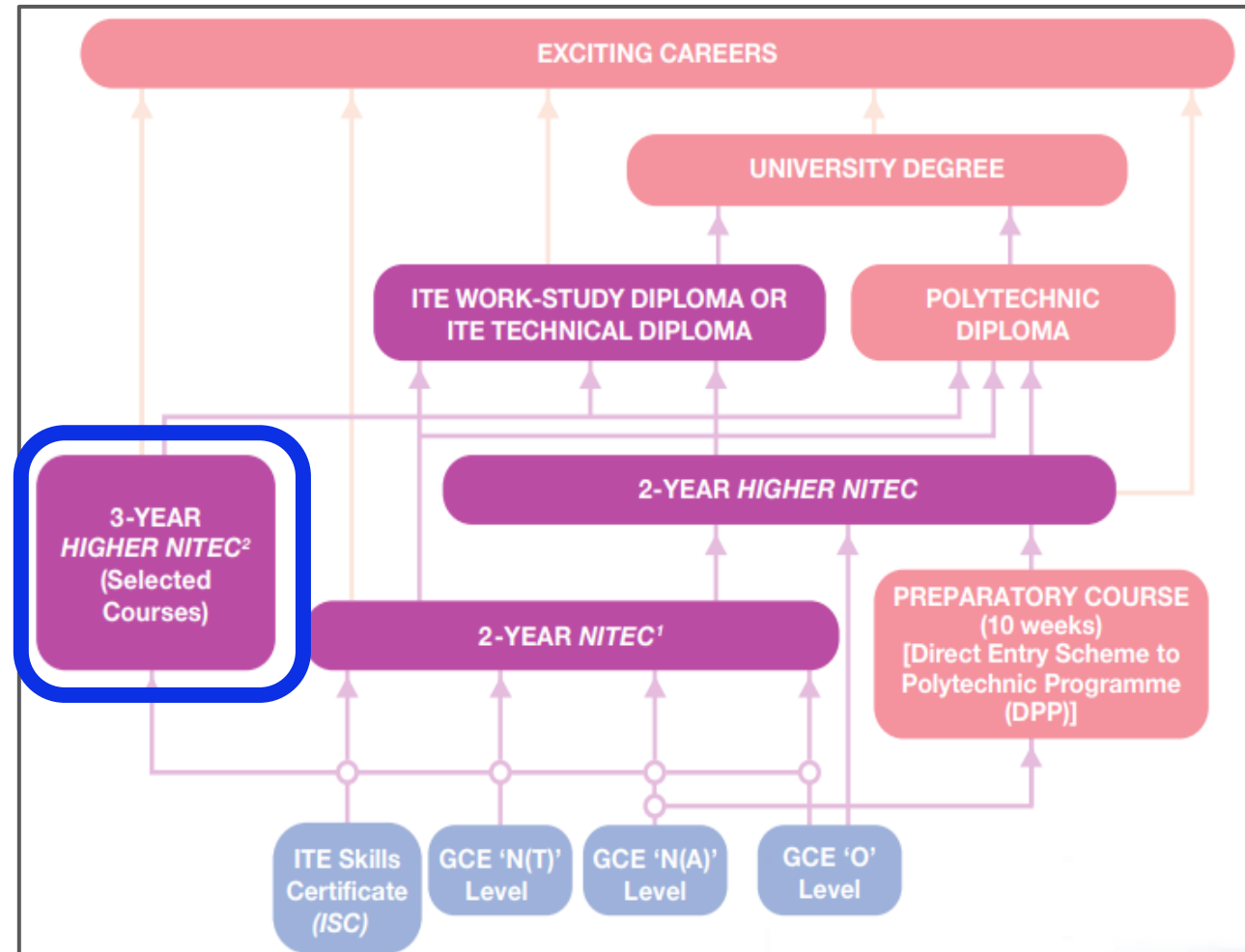
ITE 3-year Higher Nitec

ITE introduced the 3-year *Higher Nitec* full-time programme from Academic Year (AY) 2022.

Students can attain a *Higher Nitec* qualification directly in **only three years instead of the current four years**.

A total of 25 3-year Higher Nitec courses in AY 2024.

AY 2026 – Completion of Nitec courses to 3-year Higher Nitec courses.



Staying Relevant – *How do I get there?*

- What are the **subject requirements** of my target **post-secondary course choices**?
- What **steps** can I take to achieve my goals and take the subjects I prefer?
- **How can I find out** more information?



<https://www.moe.gov.sg/post-secondary>

Post-secondary

Post-secondary education comprises the paths you can take after you complete your secondary school education. Learn about the choices available for you to pursue your next phase of learning based on your interests and strengths.

Get started on your pathway options

Not sure where to begin? Use our checker to find pathway options that meet your interests and strengths.

I am and I want to

[SHOW MY PATHWAYS](#)

OVERVIEW OF POST-SECONDARY EDUCATION INSTITUTIONS (PSEI)

There are a variety of post-secondary education institutions (PSEI) available for secondary school graduates. Learn about the different types of PSEIs you can choose from, and how you can apply for them.

ADMISSIONS EXERCISES AND PROGRAMMES

Explore the different admissions exercises and programmes available to help you gain entry into a junior college, Millennia Institute, polytechnic or ITE.

SCHOOL FINDER

Explore a list of schools based on school type, CCAs, and what programmes they offer.

[FIND SCHOOLS](#)

COURSE FINDER

Explore courses offered by ITE, polytechnics and Autonomous Universities based on aggregate type, score and area of interest.

[FIND COURSES](#)



For students taking O-Level/ G3 subjects

Junior College/ Millennia Institute

Admissions to JC* using L1R5 (≤ 20) including:

- English/ Higher Mother Tongue
- Humanities
- Maths/ Science
- Humanities/ Maths/ Science
- 2 other relevant subjects

Admissions to MI * using L1R4 (≤ 20) including:

- English/ Higher Mother Tongue
- Humanities/ Maths/ Science
- Humanities/ Maths/ Science
- 2 other relevant subjects

***Refer to**
Full Admission Criteria
for JCs and MI



For students taking O-Level/ G3 subjects Junior College/ Millennia Institute

Examples of Subject combinations taken for A-levels

Science
H2 Physics or Biology
H2 Chemistry
H2 Math
H1 or H2 Arts (e.g. History)

Arts
H2 Economics
H2 Literature
H2 History
H1 or H2 Math or Science

Compulsory Subjects at H1 Level

- **General Paper (GP)**
- **Project Work (PW)**
- **Mother Tongue (MT)~**

~Student is exempted from MT if he/she takes Higher Mother Tongue in secondary school and has obtained D7 or better

- Each of the JCs/MI offers different subject combinations with different requirements. Refer to the respective school website for more information.
- For students targeting to go JCs/MI, O-level A maths and Pure sciences will be relevant to build a good foundation for the A level H2 Maths/Science subjects.



For students taking O-Level/ G3 subjects Polytechnics

Simplified table of Aggregate Type scores, refer to full details in [JAE: Polytechnic admission and courses](#)



Aggregate Type Field of Study	ELR2B2 -A Humanities Media	ELR2B2 -B Business & Management	ELR2B2 -C Applied/ Health Science Engineering Information & Digital Tech Maritime, Built Environment	ELR2B2 -D Design
EL	English			
R2 – 1st subject	Art Humanities Music	E Maths <u>OR</u> A Maths		
R2 – 2nd subject	E Maths <u>OR</u> A Maths Art Chinese/ Malay/ Tamil Humanities Design & Technology Nutrition & Food Science Music	Art Humanities Music	Design & Technology Electronics Nutrition & Food Science Science: Pure or Combined	Art Electronics Design & Technology Nutrition & Food Science Science: Pure or Combined
B2	Best 2 other subjects			



For students taking O-Level/ G3 subjects Polytechnics

Simplified table of Aggregate Type scores, refer to full details in [JAE: Polytechnic admission and courses](#)



Examples of Polytechnic diplomas which are ELR2B2 -B <ul style="list-style-type: none"> • Accountancy • Banking & Finance • Common Business Programme • Hospitality & Tourism Management 	Aggregate Type	ELR2B2 -B
	Field of Study	Business & Management
	EL	English
	R2 – 1st subject	E Maths <u>OR</u> A Maths
	R2 – 2nd subject	Art Humanities Music
	B2	Best 2 other subjects



For students taking O-Level/ G3 subjects Polytechnics

Simplified table of Aggregate Type scores, refer to full details in [JAE: Polytechnic admission and courses](#)



Examples of Polytechnic diplomas which are ELR2B2 -C <ul style="list-style-type: none"> • Applied Chemistry • Architecture • Nursing • Common Engineering Programme • Information Technology 	Aggregate Type Field of Study	ELR2B2 -C Applied/ Health Science Engineering Information & Digital Tech Maritime, Built Environment
	EL	English
	R2 – 1st subject	E Maths <u>OR</u> A Maths
	R2 – 2nd subject	Design & Technology Electronics Nutrition & Food Science Science: Pure or Combined
	B2	Best 2 other subjects



For students taking N(A)/ G2 subjects

Polytechnic Foundation Programme (PFP)

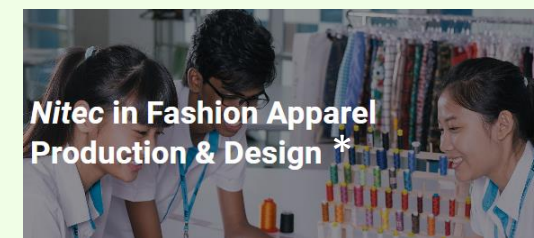
	Sciences Design, Engineering & Technology Nursing	Humanities, Art, Media and Business Early Childhood
EL	English Language	
MA	Mathematics	
B1	Design and Technology Food and Nutrition/Nutrition and Food Science Science (Chemistry, Biology) Science (Physics, Biology) Science (Physics, Chemistry)	Art Geography History Humanities (Social Studies, Geography) Humanities (Social Studies, History) Humanities (Social Studies, Literature in English) Literature in English Principles of Accounts
B2	Any two other subjects	
B3		



For students taking N-Level (G1/G2 subjects)

ITE

4 SUBJECTS TO BE USED FOR ADMISSION, ENTRY REQUIREMENTS MOSTLY FOR 3 SUBJECTS



Mathematics OR Science and 2 other subjects



English Language and 2 other subjects



Mathematics and 2 other subjects



English Language, Mathematics and one other subject

*Note that all Nitec courses will be transiting to 3-year Higher Nitec courses by AY2026.



For Parents

Tips for Supporting your Child

1 Discovering Purpose

Guide your children to make informed decisions and own them

Understanding their Values, Interests, Personality, Skills, and Strengths

2 Exploring Opportunities

Encourage your children to find out more about education pathways and the world of work

3 Staying Relevant

Embrace lifelong learning and develop your children's future-ready skills

Highlight Strengths

Talk to your child about his/ her strengths and future aspirations

Subject Relevance

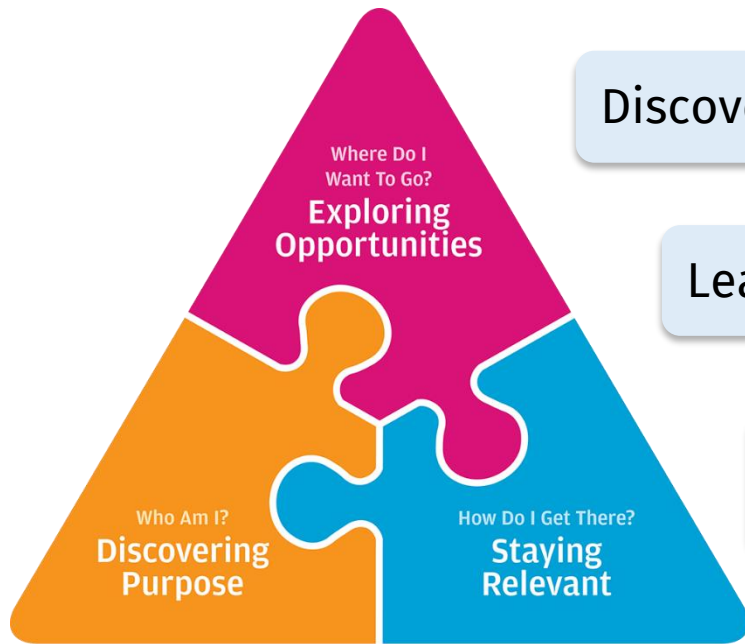
Explain the need to take certain subjects

Offer Encouragement

Shortlist suitable subjects combinations and encourage your child to work towards his/ her goals



In-school ECG Support for Students



Discover purpose, career choices and aspirations

Learn about Values, Interests, Personality , Strengths & Skills

Discuss factors to consider when deciding on subjects, post-secondary educational institutes and courses

For students to book ECG sessions



<https://go.gov.sg/yhss-ecg>

Ms Toh Su Qi, ECG Counsellor

Every Tuesday, Thursday

Venue: Room E4-02, beside IT Resource Room 1



A Community where Learners Flourish