

# School Sharing on SOP 2.0

---

MR. SIT

21 MAY 2025



# Introduction

---

- Responsible for the elective subject allocation with the use of SOP since 17/18

# Overview of Subject Selection

---

- Total number of elective subjects offered: 10 – 13
- 1 Group for each elective subjects
- Students can choose to study 2X or 3X
- M2 is in the elective blocks

# Our Time Block

---

<b>X1</b>	Physics、物理、地理、 視覺藝術、經濟
<b>X2</b>	Chemistry、化學、 世界歷史、資訊及通訊科技
<b>X3</b>	Biology、生物、中國歷史、 數學延伸單元二(M2)

# Schedule of Subject Selection

---

Month	Event
Oct – Feb	Guidance in Subject Selection
Mar	Subject selection talk for parents and students and Mock Subject Selection
Mar – Apr	Guidance in Subject Selection based on Mock Subject Selection
Apr – May	Collection of Students' Preferences (Final Subject Selection)
June	Allocation of Students' Electives (Final Subject Selection)
July	Distribution of the Result (Final Subject Selection)

# Subject Selection Survey

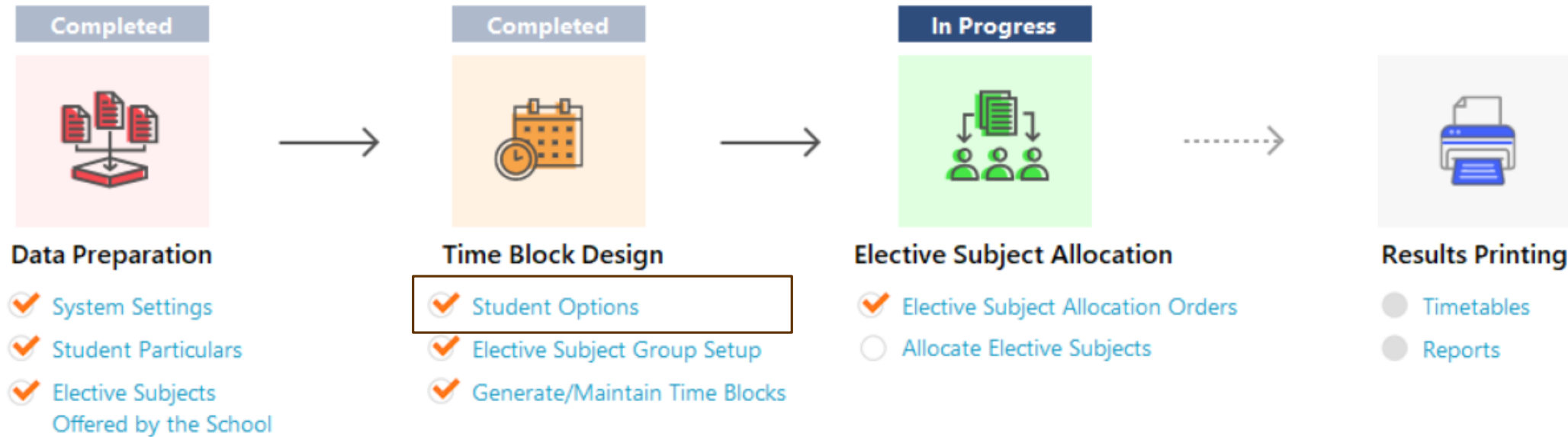
---

	1	2	3	4	5	6	7	8	9	10	11	12
Physi...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
物理	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
地理	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
視覺...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
經濟	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Che...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
化學	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
歷史	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Use Google Form to  
collect Students'  
Preferences

# Tip1: Student Preference Report

---



# Tip1: Student Preference Report

---

Export “StudentPreferenceReport” file from SOP

M22	BI01	BI02	CHEM1	CHEM2	PHY1	PHY2	CHIS1	ECON1	GEO1	HIST1	ICT1	VA1

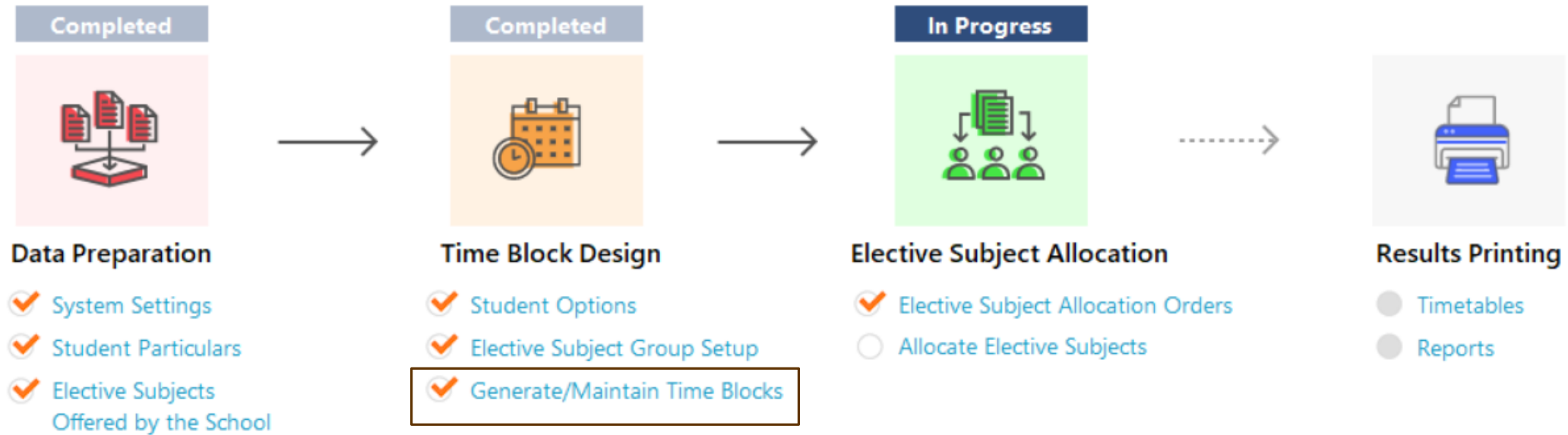
You can rearrange the column and copy data from Google form

PHY2	PHY1	GEO1	VA1	ECON1	CHEM2	CHEM1	HIST1	ICT1	BI02	BI01	CHIS1	M22
10	7	9	4	1	11	5	8	2	12	3	6	



# Time Block Design

---



# Factors Affecting Time Block Design

---

➤ Students' Preference

➤ Number of Teachers

➤ Lesson Timetable

➤ ...





# Time Block Design (Extra Example)

---

選修組別 /科目	科目一	科目二	科目三	科目四	科目五	科目六
組別一	物理	生物	歷史	地理	經濟	視覺藝術
組別二	化學	生物	企會財	中國歷史	經濟	資訊及通訊科技
組別三	化學	生物	企會財	地理	M1	校本科目

# Time Block Design (Extra Example)

Time Block > **Generate/ Maintain Time Blocks**

 **Generate Time Blocks** ▾    **New**    **Import from File**    **Export**

based on elective subject group constraints

based on elective subject group constraints and fixed time blocks

	<b>Time Block Result</b>	<b>Top Priorities</b>	<b>Satisfaction Rate</b>	
			<b>All Options</b>	

# Time Block Design (Extra Example)

Define Fixed Time Block

☐ A Draggable cell ☒ A Fixed cell

Elective Subject Group	Block 1	Block 2	Block 3
經濟 組別 1	生物 組別 1	生物 組別 2	生物 組別 3
經濟 組別 2	物理	化學 組別 1	化學 組別 2
地理 組別 1	歷史	中史	數延一
地理 組別 2			語文增潤
企業會計 組別 1			
企業會計 組別 2			

Reset

Count Description	Block 1	Block 2	Block 3
Max no. of elective subject groups	6	6	6
No. of elective subject groups assigned	3	3	4

Next Cancel

# Time Block Design (Extra Example)

---

<div><div>⊙ Stop Generating</div><div>+ New</div><div>↓ Import from File</div><div>↗ Export</div></div> <div>Satisfaction Rate Calculation</div>				
	Time Block Result	Estimated Average Satisfaction Rate		
		Top Priorities	All Options	
	Combination 1	87.78%	95.14%	
	Combination 2	88.06%	95.29%	
	(Generating...)	Elapsed Time: 1:07		

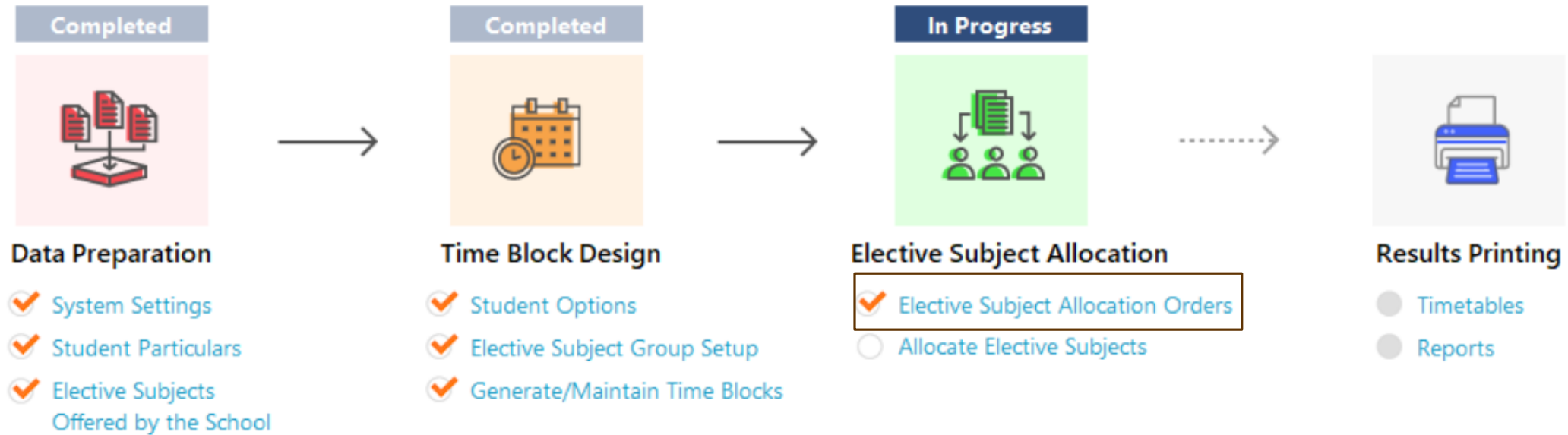
# Time Block Design (Extra Example)

---

Block 1	Block 2	Block 3
生物 組別 1	生物 組別 2	生物 組別 3
地理 組別 1	化學 組別 1	化學 組別 2
歷史	地理 組別 2	企業會計 組別 1
物理	企業會計 組別 2	語文增潤
經濟 組別 2	資訊	數延一
視藝	中史	經濟 組別 1

# Tip2: Allocation Orders – Subject Queue

---





## Tip2: Allocation Orders – Subject Queue

---

Overall Rank <input type="button" value="v"/>	M2 Order <input type="button" value="v"/>	生物 Order <input type="button" value="v"/>	BIO Order <input type="button" value="v"/>	視藝 Order <input type="button" value="v"/>
49	10	49	49	18
55	5	55	55	10

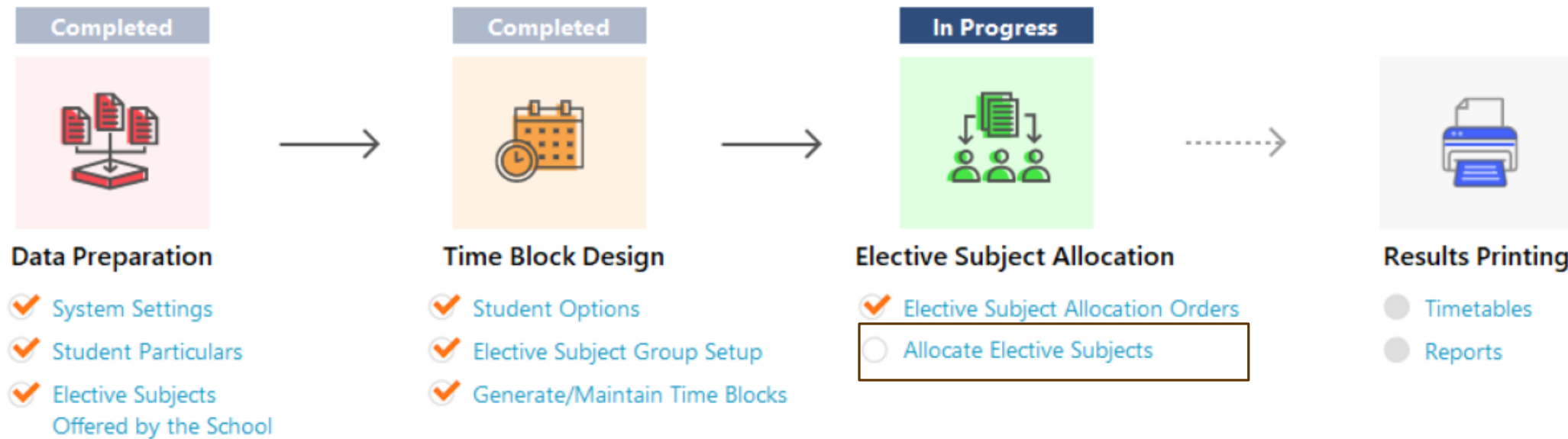
Rank in  
Math

Overall Rank


Rank in  
Visual Arts

# Allocate Elective Subjects

---



# Allocate Elective Subjects

 Allocate Subjects to Students ×

## Subject Group Distribution Choices

Skip

- ☐ Choice 1 - Students will be distributed to different groups evenly
- ☐ Choice 2 - Students will be distributed to different groups based on their allocation order

Remarks: The system gives favour to students' options rather than the elective subject group distribution choice selected above.

## Compulsory Block

☐ Has Compulsory Block

Block 1



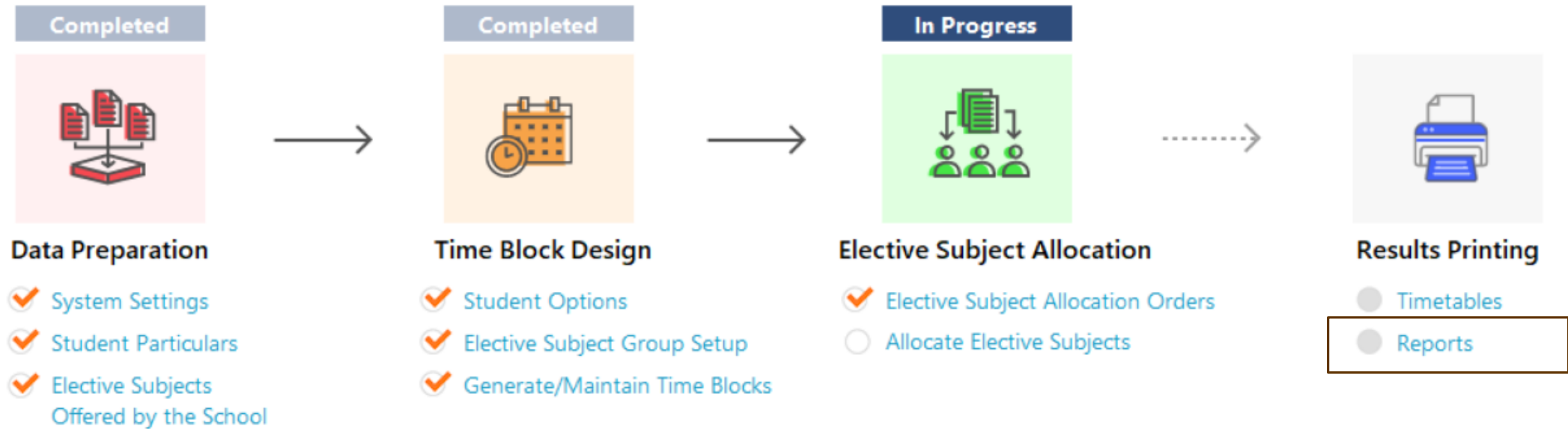
Generate

Cancel









1 Group for each elective subjects

# Tip3: Reports 1, 4, 8

---



# Tip3: Reports 1, 4, 8

Reports		
	Time Blocks with Satisfaction Rate	1
	Elective Subject Statistics	
	List of Students for Elective Subjects	
	List of Student Options in Priority Order & Elective Subject Allocation	4
	Vacancies of Elective Subjects	
	List of Students with Insufficient Elective Subject Allocation	
	List of Students with Offered Subjects / Modules	
	List of Students with Subject Allocation and Block Allocation Results	8

# Rpt001: Time Blocks with Satisfaction Rate

---

- It shows the number of students and vacancies of each subject.

## **Time Block Allocation**

<b>Elective Subject Group</b>	<b>Block 1</b>	<b>Block 2</b>	<b>Block 3</b>
資訊		資訊 (20/25)	

- It shows the satisfaction rate.

Average Satisfaction Rate (Top Priorities)	85.95%
Average Satisfaction Rate (All Options)	95.31%

# Rpt004: List Of Student Priority Subjects

---

- It shows the options and selection result of each student.
- Checking outlier(if any)

Class	Class Number	Rank	Option 01	Option 02	Option 03	Option 04	Option 05
3A	1	49	資訊	生物	視藝	化學	中史
3A	2	55	視藝	生物	物理	經濟	地理
3A	3	18	歷史	生物	化學	中史	地理

# Rpt008: Student Allocation With Block

---

- For distribution of subject selection result
- For further allocation of classes

Class	Class Number	Next Year Class	Block 1	Block 2	Block 3
3A	1			資訊	生物
3A	2		視藝	資訊	生物
3A	3		地理	歷史	生物




# Use of SOP 2.0 including the testing of Enhancement

---

MORE THAN 1 GROUP FOR SOME ELECTIVE SUBJECTS

# Allocate Elective Subjects

 Generate Time Block ×

**Subject Group Distribution Choices**

☒ Choice 1 - Students will be distributed to different groups evenly

☐ Choice 2 - Students will be distributed to different groups based on their allocation order

Remarks: The system gives favour to students' options rather than the elective subject group distribution choice selected above.

**Compulsory Block**

☐ Has Compulsory Block Block 1 ▼


**Time Limit**

Generation Time Limit 5 mins ▼

Generate Cancel

More than 1 Group for some elective subjects

# Subject Allocation – Enhancement


 Allocate Subjects to Students ×

**Subject Group Distribution Choices**  
☒ Choice 1 - Students will be distributed to different groups evenly  
☐ Choice 2 - Students will be distributed to different groups based on their allocation order  
Remarks: The system gives favour to students' options rather than the elective subject group distribution choice selected above.

**Compulsory Block**  
☒ Has Compulsory Block  

Block 1, Block 2

☒ Block 1  
☒ Block 2  
☐ Block 3

**Average Satisfaction Rate** 

85.83% (Top Priorities)	95.00% (All Options)
-------------------------	----------------------

Generate

Cancel

# Summary

---

- User-friendly
- Clear Workflow
- Formats of exported Reports are convenient for further editing

# Thank You

---