

P6 Parents Engagement Session

Saturday, 14th January 2023







No Photography or Recording of the Session Slides will be posted at our school's website. Thank you for your cooperation.







Student Development Matters





School Focus

Student-Centric

Our Students The Focus

Behavioural Management

Values Driven

GIVER³S Values

- 5 Habits
- **Growth Mindset**
- Restorative Practice
- Servant Leadership

Inclusive

Each child is unique and we value each child.





Learning School



Enabling Positive & Enriching Learning Experiences in Zhangde Through P.L.I.E.S. Framework













Emotional

Intellectual



Learning School



Student Well-Being Matters



Student Development Programmes 2023

- P1 to P6 Back-to-School Orientation
- ☐ P1 & P6 Walk With Me
- P1 Official Welcome Ceremony by P6s
- ☐ P6 Commitment Day
- ☐ P3 & P4 Financial Literacy
- ☐ P3 to P6 Class Unity Dance
- ☐ Class Connect@ZPS*
- ☐ You've Got Mail!*
- ☐ Growing Mindsets with Our 5 Habits*
- ☐ Circle Time (CCE)
- **☐** Restorative Practice (CCE & SM)
- Student Affirmation (CCE)









PHOTOGRAPHY AND VIDEOGRAPHY PUBLICATION OF STUDENTS' WORK

- We would like to inform you that photographs/videos of students/ parents taken at all school events by the official school photographers may be published on the school's official media platforms (e.g. newsletters & school website) and used for briefings, workshops and other educational purposes.
- The school may publish photographs, videos and students' work/ achievements together with the names of the students from time to time.
- Please notify the school in writing if you do not wish to grant such permission.



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Curriculum Sharing (By Subjects)





P6 Assessment Structure



Term 1	Term 2	Term 3	Term 4
NIa fawaad	A t	Prelim	- PSLE
Review Exercis	Assessment ses and Timed ill be given	P6 Std [100 %]	_
		P6 Fdn [100 %]	-







English Language (EL)





Areas of Language Learning



- Listening and Viewing
- Speaking and Representing
- Reading and Viewing
- Writing and Representing
- Grammar
- Vocabulary





STrategies for English Language Learning And Reading (STELLAR)

Language Area	Strategy	
Reading & Viewing	 Sustained Silent Reading (SSR) 	
	Supported Reading	
	• KWL	
	Retelling	
	 Annotation 	
	 Reading for Pleasure (through Extensive Reading) 	
Mriting & Poproconting	 Writing Process Cycle (expanding repertoire of writer's craft, 	
Writing & Representing	strengthening awareness of PACC)	
Orago	 Weaved in areas of language learning 	
Oracy	Explicit Instruction	
Vocabulary	Taught in context	
C	 Explicit teaching of language items, structures and skills 	
Grammar	Sentence Manipulation	



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English Language PSLE Components



Component	Marks / Weightage
Paper 1: Writing	55m (27.5%)
Paper 2: Language Use and Comprehension	95m (47.5%)
Paper 3: Listening Comprehension	20m (10%)
Paper 4: Oral Communication	30m (15%)
Total	200m (100%)



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Paper 1: Writing



Duration: 1h 10min Total Marks:

55 marks

Part 1: Situational Writing (15m)

Write a short functional piece (i.e. letter, email, report) to suit the purpose, audience and context of a given situation.

Part 2: Continuous Writing (40m)

Three pictures will be provided on the topic offering different angles of interpretation.





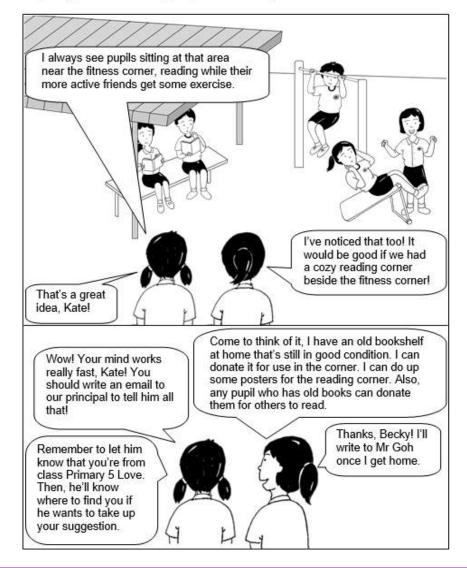


Primary 6 Std EL: Situational Writing





The pictures below show Kate and Becky talking about an idea they had for improving their school. Study the pictures carefully.



Your Task

Imagine you are Kate Lim.

Write an email to your principal, Mr Goh, and ask him to consider setting up a reading corner.

You are to refer to the pictures and information on page 2 for your email.

In your email, include the following key information:

- your class
- what caused you to suggest setting up a reading corner
- where the reading corner can be set up
- what two things you can do to help set up the reading corner
- how your schoolmates can contribute

You may reorder the points. Remember to write in complete sentences.



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Primary 6 Std EL: Continuous Writing

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Write a composition of <u>at least 150 words</u> about making a choice.

The pictures are provided to help you think about this topic. Your composition should be based on one or more of these pictures.

Consider the following points when you plan your composition:

- What was the choice?
- What did you consider when making the choice?

You may use the points in any order and include other relevant points as well.











Paper 1 Writing - Expectations



Situational Writing

- ✓ Purpose, Audience, Context
- Must be familiar with format (eg. email / letter / report)
- ✓ Language (Formal / Informal)
- Must ensure all the key information is included

Continuous Writing

- ✓ Ensure that the writing is **based on the topic and at least one of the given pictures**
- Develop the content adequately
- ✓ Take note of the guiding questions
- ✓ Jot down good use of vocabulary and phrases in Vocabulary Book
- Memorise and learn to use them in continuous writing







Paper 2: Language Use & Comprehension



Duration: 1h 50 min

Total marks: 95 marks

Component (Booklet A)	Р6	Component (Booklet B)	P6
Grammar MCQ	10m	Grammar Cloze	10m
Vocabulary MCQ	5m	Editing for Spelling and Grammar	12m
Vocabulary Cloze MCQ	5m	Comprehension Cloze	15m
Visual Text Comprehension	8m	Synthesis and Transformation	10m
		Comprehension OE	20m (1 passage)
Booklet A Total	28m	Booklet B Total	67m



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Paper 2 - Expectations



- Read widely and take time to comprehend the questions
- Highlight contextual clues
- Annotate questions and comprehension passages while reading





Paper 3: Listening Comprehension



P6 Std EL LC (40 min) Total Marks: 20 marks

Students will listen to a recording of a variety of text types Graphic representations will be used for first 7 items. 20 Questions.

Paper 4: Oral Communication

Both components are linked	P6 EL
by a common broad theme.	
nciation and articulation	10m
pression and rhythm)	
nulus and engage in a	20
	20m
	by a common broad theme. nciation and articulation pression and rhythm)



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Foundation English (FEL)









- Listening and Viewing
- Speaking and Representing
- Reading and Viewing
- Writing and Representing
- Grammar
- Vocabulary





English Language



Teaching strategies – STELLAR

STrategies for English Language Learning And Reading

Upper Primary Strategies

- Sustained Silent Reading (SSR), Supported Reading (SR),
- Know Want to know Learnt (KWL), Retelling (RT),
- Language Activities and Sentence Manipulation,
- Writing Process Cycle (WPC)





PSLE Components

- Paper 1: Writing
- Paper 2: Language Use and Comprehension
- Paper 3: Listening Comprehension
- Paper 4: Oral Communication





PSLE Components



Component	Marks / Weightage
Paper 1: Writing	40m (26.7%)
Paper 2: Language Use and Comprehension	60m (40%)
Paper 3: Listening Comprehension	20m (13.3%)
Paper 4: Oral Communication	30m (20%)
Total	150m (100%)







Paper 1 Writing

Level	Duration	Marks
Pri 6 Foundation	1h 10 min	Total marks: 40marks Q1) Situational Writing – 10 marks Q2) Continuous Writing – 30 marks





Paper 1: Writing (FEL)



Duration: 1h 10min

Total Marks: 40 marks

Part 1: Situational Writing (10m)

Write a short functional piece (i.e. letter, email, report) to suit the purpose, audience and context of a given situation.

Part 2: Continuous Writing (30m)

A series of 3 pictures and "?" with helping words given





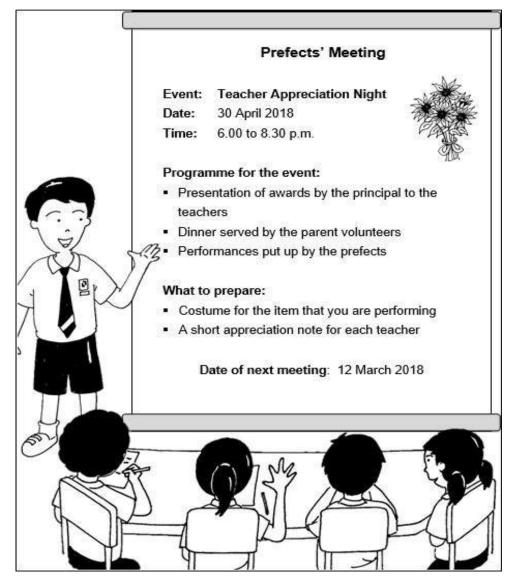


Primary 6FEL: Situational Writing





Study the picture shown below carefully.



Your Task

The prefects are organising a Teacher Appreciation Night, as shown in the picture on page 2.

Another prefect, Surin, was absent from the meeting as she was ill.

Write an email to Surin to tell her about the Teacher Appreciation Night.

In your writing, include the following key information:

- why you are writing to Surin
- when the Teacher Appreciation Night will be held
- two things that she has to do for the event
- when the next meeting will be held

You may reorder the points. Remember to write in complete sentences.



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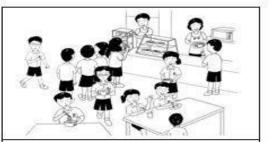


Primary 6FEL: **Continuous Writing**

The pictures below show what happened in the school canteen one morning. Based on these pictures, write a story of <u>at least 120 words</u>.

Give the story your own ending. You may use the given helping words and phrases. You may also include other details.











recess.

dismissed late

canteen was very crowded

felt hungry did not want to wait tried to jump the queue

shocked by his actions tapped on his shoulder told him to get in line









Paper 1 Writing - Expectations



Situational Writing

- ✓ Purpose, Audience, Context
- Must be familiar with format (eg. email / letter / report)
- ✓ Language (Formal / Informal)
- Must ensure all the key information is included

Continuous Writing

- ✓ Ensure that the writing is **based on all the pictures. You must have a conclusion.**
- Develop the content adequately
- Use the helping words that are given with the pictures.
- ✓ Jot down good use of vocabulary and phrases in Vocabulary Book
- Memorise and learn to use them in continuous writing



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Paper 2: Language Use & Comprehension

Level	Duration	Marks
Pri 6 Foundation	1h 20min	60 marks









Component	P6 FEL
Grammar MCQ	8m
Vocabulary MCQ	5m
Punctuation MCQ	2m
Visual Text Comprehension	5m



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Component	P6FEL
Form Filling	5m
Editing for Spelling	6m
Editing for Grammar	6m
Completion of Sentences	5m
Comprehension Cloze	5m
Synthesis	3m
Comprehension OE (2 passages)	10m





Paper 2 - Expectations



- Read widely and take time to comprehend the questions
- Highlight contextual clues
- Annotate questions and comprehension passages while reading
- Check your work diligently







Paper 3: Listening Comprehension

P6 FEL LC (40 min)

Total Marks: 20 marks

Students will listen to a recording of a variety of text types i.e. news items, announcements, advertisements, instructions, explanations, conversations, speeches and stories. Graphic representations will be used for first 7 items.

Questions will be read to the students.







Paper 3 - Expectations

- ✓ Listen actively
- ✓ Take notes
- ✓ Underline keywords in the question





Paper 4: Oral Communication



Component	Marks
 Reading Aloud read a text with accuracy (good pronunciation and articulation of words) and fluency (appropriate expression and rhythm) 	10m
 Stimulus-based Conversation give personal response to a visual stimulus and engage in a conversation on a relevant topic 	20m

Both components are linked by a common broad theme.









- Morning Assembly Reading Programme
- English Language Day
- Read @ ZPS
 - Weekly DEAR (Drop Everything and Read) period
 - Class Library
 - Supplementary Reader







What Parents Can Do to Help

- Get your child to **READ WIDELY AND EXTENSIVELY**e.g. story books, magazines, newspaper articles and other materials
- Provide exposure to listening, speaking, reading and writing opportunities and activities
- Role models Read with them, write notes and messages to your child using standard English





What Parents Can Do to Help



Encourage your child to:

- use Standard English in both writing and speaking.
- use the EL strategies (e.g. annotation) he/she has learnt in the classroom when completing the assignments.
- write neatly and legibly
- use a dictionary to learn meaning and pronunciation of new words and how to use them appropriately in context
- learn spelling / dictation well







Mathematics





Mathematics Curriculum



Primary 5

Numbers & Algebra

Whole Numbers

Decimals

Fractions

Percentage

Ratio

Rate

Measurement & Geometry

Area & Volume

Angles

Triangles & Quadrilaterals

Time

Primary 6

Statistics

Average

Tables, Bar & Line Graphs

Numbers & Algebra

Algebra

Decimals

Fractions

Percentage

Ratio

Speed

Measurement & Geometry

Area & Volume

Angles & Triangles

Quadrilaterals

Nets

Statistics

Pie Charts

Average





Areas of Concern from P5 to P6



- Problem Solving process
 - Understanding the question
 - Selecting appropriate heuristics eg Model-drawing
 - Presentation of solution and calculation clear, logical, systematic and accurate
 - Checking reasonableness of answers
- Mastery of basic concepts of Whole Numbers, Fractions and Decimals (from P4).
 - Factual Fluency
 - Procedural Fluency e.g. mixed numbers to improper fractions
- Conceptual understanding and application of skills and concepts across contexts.
- Visualization e.g. area & perimeter of composite figures, counting number of cubes
- Time Management for Paper 1
 - Need for speed and accuracy



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P6 Standard Mathematics Paper

Paper	Booklet	Item Type	Number of questions	Marks per question	Marks	Duration
	Α	MCQ	10	1	10	1 h
1			5	2	10	
(Use of	В	SAQ	5	1	5	
calculator is NOT allowed)			10	2	20	
2		SAQ	5	2	10	1 h 30 min
2		LAQ	12	3, 4, 5	45	
Total			47	-	100	2 h 30 min



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Foundation Mathematics (FMA)





Mathematics Curriculum

Primary 5 Foundation



Primary 6 Foundation

Numbers & Algebra

Whole Numbers

Fractions

Decimals

Rate

Measurement & Geometry

Area, Perimeter & Volume

Angles, Rectangle & Square

Perpendicular & parallel lines

Time

Statistics

Tables, Bar & Line Graphs

Numbers & Algebra

Decimals

Fractions

Percentage

Measurement & Geometry

Area & Volume

Angles & Triangles

Statistics

Pie Charts

Average



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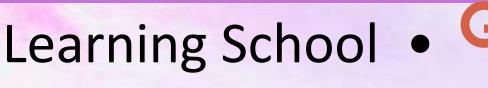




Areas of Concern from P5 to P6

- Accuracy in calculations
- Factual Fluency
- Mastery of basic skills and concepts
- Problem Solving Process
- Understanding the questions
- Presentation of solutions clear, logical, systematic and accurate
- Checking the solutions and answers
- Persisting when faced with difficulties











Paper	Booklet	Item Type	Number of questions	Marks per question	Marks	Duration
1	٨	MCQ	10	1	10	
(Use of	Α	MCQ	10	2	20] 1 h
calculator is NOT allowed)	В	SAQ	10	2	20	1 11
		SAQ	10	2	20	
2		Structured LAQ	6	3, 4	20	1 h
Total			46	-	90	2 h









- Only for Paper 2
- Only calculators approved by Singapore Examinations & Assessment Board (SEAB) will be allowed in the examination.
- The list of approved calculators is available on SEAB's website: http://www.seab.gov.sg
- School will check and a sticker will be pasted onto your child's approved calculator before the examination.
- All unauthorized calculators will not be allowed into the examination room.





Marking Matters

Marks are awarded for <u>correct and clear method</u> and <u>relevant working</u> even if the final answer is wrong.

- Method Marks
 - Marks are awarded for correct methods.
 - Marks will be given even if the answers are wrong.
- Answer Marks
 - Marks are awarded for correct answers.
 - Marks will not be given if the method is incorrect.
- Marks are deducted for:
 - Omission of units or wrong use of units

$$5000 = 5 \text{ km}$$

Mathematically incorrect statements – e.g. wrong use of equal sign

$$20 - 5 = 15 + 3 = 18 \times 2 = 36$$

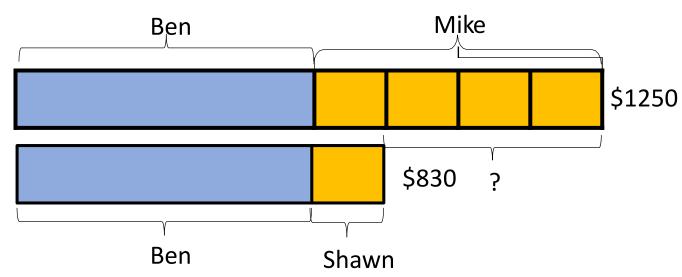
It is important to show mathematical thinking clearly (by writing equations, diagrams etc), even for Paper 2.

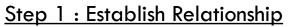
$$\frac{2}{3}$$
 = \$60



Example

Ben and Mike had \$1250 altogether. Ben and Shawn had \$830 altogether. Mike had 4 times as much money as Shawn. How much more money did Ben have than Mike?





4 units
$$-1$$
 unit $= 3$ units $= $1250 - $830 (Mat)$

Step 2: Find the amount of money Mike had.

Step 3: Subtract the amount of money Mike had from the amount of money Ben had.

For a 4-mark LAQ, a student can still score 3 marks for the correct method even though his/her final answer is incorrect.



Important to <u>write</u> **clear** and **systematic** solutions even for Paper 2, where the use of calculator is allowed.







Mathematics Teaching & Learning Resources

Running
Revision /
Topical
Worksheets

Problem
Solving
Heuristics

Practice
Papers
&
PSLE
Booklet

SLS/Koobits

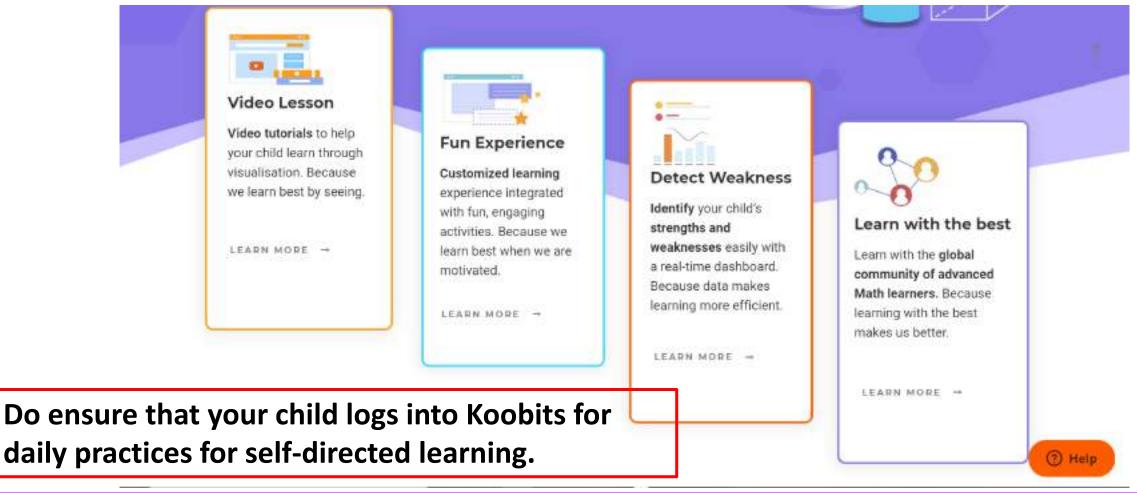
Textbook & Workbook



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Math online programme - Koobits (https://www.koobits.com//





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How can I help my child?



Monitor

- Ensure homework is completed
- Establish regular and consistent practice
- Be aware of progress and challenges

Encourage

- Cultivate a positive learning attitude & growth mindset
- Show applications and connections of mathematics in everyday life
 - GST, discount, taxi charges
 - Estimation, budgeting
 - Pie Chart, percentage
- Ask them to explain their thinking

Partner

- Use correct mathematical language – e.g. rename
- Explore alternative strategies and solutions
- Use Polya's problem solving approach (Understand-Plan-Do-Check)
- Ensure clear mathematical presentation and notation
- Practise factual fluency







Mathematics Programmes @ Zhangde

- Remedial / Supplementary Programmes
- Problem solving Heuristics
- Learning Experiences e.g. Math Activities / Games
- ❖ Math Learning Journeys e.g. Science Centre

For selected students:

- Mathematics Olympiad Training
- Mathematics Competitions





Mother Tongue Languages (MTL)





Objectives of Learning MTL



Culture

 understand & develop their unique identity through deeper appreciation of culture, traditions & history

Communication

- valuable skill for life and work
- ability to communicate in MTL gives Singaporean a competitive edge

Connection

 able to connect with communities across Asia and the people who speak that language





MTL - PSLE FORMAT

Standard Mother Tongue

A ASSOCIATION	
Gh.	
EDIC	
nearly	
The Anteres of American	

Paper	Component	Туре	Mark
1 (50 min)	Composition 1. Topic 2. Picture		40 (20%)
2 (1hr 40 min)	Language Use & Comprehension		
Booklet A	Part A Language use	MCQ	40 (20%)
	Part B Comprehension 1	MCQ	10 (5%)
Booklet B	Part C Phrase	FIB	8 (4%)
	Part D Comprehension 2	MCQ/ Response	32 (16%)





MTL - PSLE FORMAT

Standard Mother Tongue



Paper	Component	Туре	Mark
3 (15 min)	Oral and Listening Comprehension		70 (35%)
	Oral		
	Part A Reading Aloud		20 (10%)
	Part B Conversation based on video stimulus		30 (15%)
(about 30 min)	Listening Comprehension	MCQ	20 (10%)





MTL - PSLE FORMAT

Higher Mother Tongue



Paper	Component	Туре	Mark
1 (50 min)	Composition 1. Topic 2. Continuous Writing		40 (20%)
2 (1hr 20 min)	Language Use & Comprehension		
	Part A Language use	FIB/ Response	20 (20%)
	Part B Comprehension 1	Response	16 (16%)
	Part C Comprehension 2	Response	24 (24%)



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MTL – Paper 1 (Composition)



Option	Mother Tongue	Higher Mother Tongue
Choose ONE	Composition 1. Topic OR 2. Picture	Composition 1. Topic OR 2. Continous Writing
Number of Words Required	150 words	180 words





MTL – Paper 1 (Composition)



- Use dictionaries approved by SEAB (refer to MTL teachers or SEAB Website: www.seab.gov.sg)
- Use of digital dictionary only applies to students taking CL and ML only

MTL – Paper 2 (Language Use & Comprehension)



Mother Tongue	Higher Mother Tongue
□ Language Application □ Cloze Passage □ Graphic Stimulus □ Comprehension	☐ Language Application☐ 2 Comprehension passages





FMTL - PSLE FORMAT

GIVERS

Foundation Mother Tongue

Paper	Component	Туре	Mark
1 (40 min)	Language Use & Comprehension	MCQ/FIB	15 (15%)
2 (Abt 15 min)	Oral Part 1 Read Aloud		30 (15%)
	Part 2 Conversation		40 (40%)
3 (Abt 30 min)	Listening Comprehension	MCQ	30 (30%)





MTL – Paper 3 (Oral Conversation)



Thematic Approach

• Video related to a theme – eg. Care for the environment

Example:

- 1. Based on the video, tell us what did the little girl do?
- 2. Apart from using the bin as in the video, what are some other ways to keep the environment clean?
- 3. How can your school help in getting students to care for the environment?







MTL – Paper 3 (Listening Comprehension)

- ☐ 5 to 7 short passages / graphic stimulus
- ☐ MCQ format (3 choices per question)
- Duration: 30 to 40 minutes
- ☐ 10% for Standard MTL





Foundation Mother Tongue (FMT)





Objectives of Learning MTLCulture

 understand & develop their unique identity through deeper appreciation of culture, traditions & history

Communication

- valuable skill for life and work
- ability to communicate in MTL gives Singaporean a competitive edge

Connection

 able to connect with communities across Asia and the people who speak that language





FMTL - PSLE FORMAT

GIVER'S

Foundation Mother Tongue

Paper	Component	Туре	Mark
1 (40 min)	Language Use & Comprehension	MCQ/FIB	15 (15%)
2 (Abt 15 min)	Oral Part 1 Read Aloud		30 (15%)
	Part 2 Conversation		40 (40%)
3 (Abt 30 min)	Listening Comprehension	MCQ	30 (30%)







FMTL – Paper 2 (Oral Conversation)

Thematic Approach

 Video related to a theme – eg. Care for the environment

Example:

- 1. Based on the video, tell us what did the little girl do?
- 2. Apart from using the bin as in the video, what are some other ways to keep the environment clean?
- 3. How can your school help in getting students to care for the environment?





FMTL – Paper 3 (Listening Comprehension)



- ☐ 5 to 7 short passages / graphic stimulus
- MCQ format (3 choices per question)
- Duration: 30 to 40 minutes
- ☐ 30% for Foundation MTL





Science (SC)



Topics Covered in P6 Science



Term 1	Term 2	Term 3	Term 4
Energy Chap 1: Energy in food	Interactions Chap 2: Living Together	Interactions Chap 5: Man's impact on his environment	Revision
Energy Chap 2: Forms and uses of energy	Interactions Chap 3: Food chains and food webs	Revision	PSLE
Energy Chap 3: Sources of energy	Interactions Chap 4: Adaptations	Prelims	
Interactions Chap 1: Forces			



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Topics Covered in P6 Foundation Science

Term 1	Term 2	Term 3	Term 4
Energy Chap 1: Energy from the sun	Interactions Chap 2: Living Together	Interactions Chap 5: Man's impact on his environment	Revision
<u>Interactions Chap 1:</u> Forces	Interactions Chap 3: Food chains	Revision	PSLE
	Interactions Chap 4: Adaptations	Prelims	









Assessment Format for P6 PSLE Science (1 hr 45 mins)

Booklet	Item Type	Number of questions	Marks per question	Total Marks	Percentage
Α	MCQ (multiple choice questions)	28	2	56	56
В	OE (open-ended)	12 - 13	2 - 5	44	44
Total				100	100





Assessment Format for P6 PSLE Foundation Science (1 hr 15 mins)

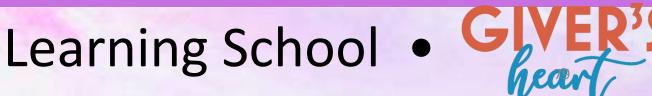
Booklet	Item Type	Number of questions	Marks per question	Total Marks	Percentage
Α	MCQ (multiple choice questions)	18	2	36	51.4
В	Structured	6 - 8	2 - 3	14	20.0
	OE (open-ended)	5 - 6	2 - 4	20	28.6
Total				70	100



Topics covered in Prelims and PSLE SC/FSC

Lower Block			
P3	P4		
 Diversity Living & Non-living things Plants Animals Fungi & Bacteria Exploring materials Systems Human body systems Plants and their parts Interactions Magnets and their characteristics 	 Cycles Matter Life Cycle of plants and animals Energy Heat & Temperature Effects of heat Light & Shadow 		





Topics covered in Prelims and PSLE SC/FSC



Upper Block				
P5	P6			
 Systems Electrical systems Cell System (only for Std Sci) Plant transport system Air and respiratory system Human circulatory system Cycles Plant reproduction Human reproduction Water and its change of state Water cycle 	 Energy Energy from food -Photosynthesis Forms of energy – energy conversion Sources of energy Interactions Types of Forces Living together Food chain & food webs Adaptations Man's impact on the environment 			





Expectations in Science Learning



- There will ne no mid-year Exams for P6.
- Time trial Reviews will be given to encourage students to have good time management.
- For Prelims and PSLE, questions tested will come from any topic learnt from P3 – P6.

Hence, students must revise these topics on a regular basis.

A timetable must be planned to study and revisit previous topics taught.

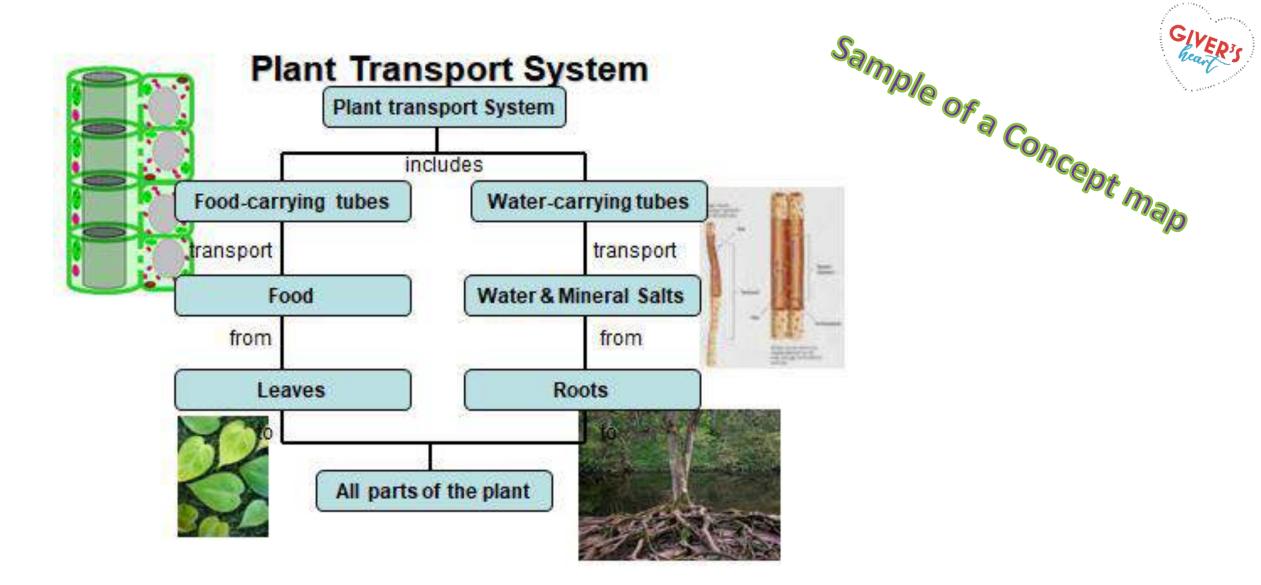
Concepts must be memorised for each topic. This is vital in answering questions.



Concept maps is a great way to consolidate learning.













Strategies to answer Science questions

Introducing RACER to guide students to answer Science MCQ and Openended Questions



RACER Checklist

Put a tick in the boxes below if you have applied RACER to all the questions in this worksheet. Your peer and teacher will complete the remaining columns.

de out			Self	Peer	Teacher
500	Did	Read I read the question correctly?			
	Did I unde	Annotate erline the keywords in the question?			
I HAYE	Did I wr	Concept ite down the concept(s) involved?			
WORK FIRST PLAY LATER		Evidence he correct options and cross out the unlikely ones? (MCQ) e the evidence in my answer? (Open- ended)			
	Did I write	ReaSon e down the reasons for my choices?	5 5	· j	
	Self	I used to think Now, I think			
	Teacher's Feedback			1	
3	Parents' Feedback				

Ris

Topical Worksheets as Learning Assignments

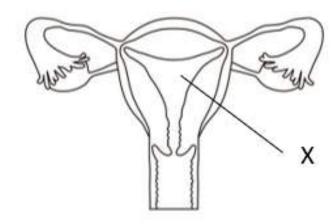
Concepts and hints are infused to reinforce learning and guide students in answering



Concepts tested for Q3:

- Sperm _____ with the egg in the <u>fallopian tubes</u>, which are the narrow tubes that connect the ovaries to the womb.
- Fertilised egg develops in the female's ______.

The diagram below shows a simplified drawing of the human female reproductive system.



Which one of the following statements correctly states the function of part X?

- (1) Eggs are produced at part X.
- (2) Sperms become immobile at part X.
- (3) The sperm fuses with the egg at part X.
- (4) The fertilised egg develops at part X.





Strategies to answer Science questions

Students tend to rush through MCQ.

Use the Elimination Technique

- Basically means to look at the options and to use logical reasoning to remove obvious distractors.
- Encourage your child to do working by using ticks (V) for options that he agrees and (X) for those that he disagree



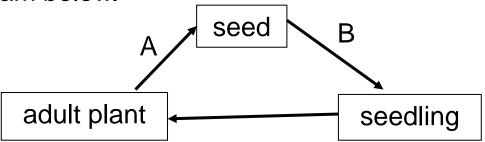




An example:



Study the diagram below.



Which processes take place at A and B?

	Α		В	
(1)	germination and pollination	X	seed dispersal	Х
(2)	pollination and fertilisation	V	germination	V
(3)	seed dispersal and germination	X	pollination	Х
(4)	germination and seed dispersal	X	germination	V





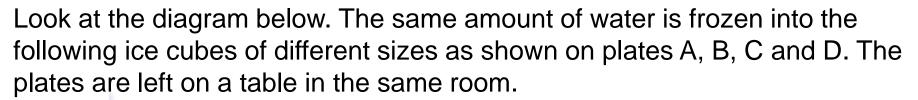


Open – ended questions

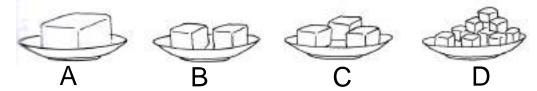
- Must attempt all questions given in the assignment.
- Questions that begin with 'Name', 'State', 'List' and 'What'
 - often require short answers.
- Questions that begin with 'Explain', 'Why', 'How', 'Describe'
 - often require detailed complete answers.
 - concepts must be clearly written appropriately in the answers.











- (a) After 2 hours, only water is found on all the plates.

 What process do you think has taken place?

 Melting
- (b) Which plate of ice cubes will change its state the fastest? Explain your answer.

Plate D. It has the largest exposed surface area in contact with the surrounding air and thus it gains the most heat/gains heat faster.









- Environment and Garden Trails @ Zhangde
- Solar panels programme
- Understanding Vermi- composting.

- Science Centre Learning Journey
- Terms 1/2

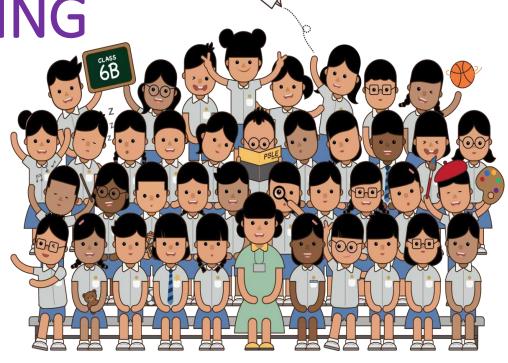


Science lesson on leaf litter community





PSLE SCORING & S1 POSTING







ACHIEVEMENT LEVEL

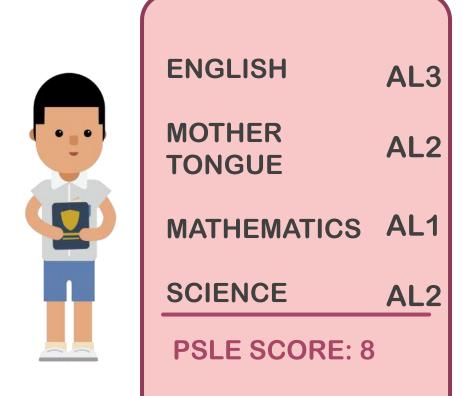
Reflects a student's individual level of achievement.

A student's AL band for each subject will reflect their level of achievement, rather than how they have performed relative to their peers.

AL	RAW MARK RANGE
1	≥ 90
2	85 – 89
3	80 – 84
4	75 – 79
5	65 – 74
6	45 – 64
7	20 – 44
8	< 20

PSLE OVERALL SCORE

- The PSLE Score is obtained by adding the ALs of four subjects.
- The PSLE Score ranges from 4 to 32, with 4 being the best possible score.
- Students will be placed in secondary school courses based on their overall PSLE score – Express, Normal (Academic) or Normal (Technical).



PLACEMENT OUTCOME	PSLE SCORE
EXPRESS	4 – 20
EXPRESS / N(A) OPTION	21 – 22
N(A)	23 – 24
N(A) / N(T) option	25
N(T)	26-30, with AL7 or better in both EL <u>and</u> MA



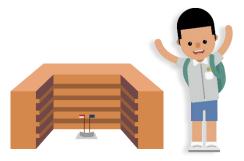
RAW MARK AL **RANGE** ≥ 90 85 - 893 80 - 84**75 – 79** 4 5 65 - 746 45 - 6420 - 447 < 20

• What is the new passing mark, since AL6 spans across 45-64?

There is no passing or failing mark.

A student who has scored at least an AL 7 in English Language and Mathematics can progress to the N(T) course.

Students who do not qualify for Express, N(A) or N(T) would have to repeat the PSLE, or progress to a specialised school such as Northlight School or Assumption Pathway School.



FOUNDATION LEVEL SUBJECT GRADES TO BE LESS FINELY DIFFERENTIATED

- Under the AL system, to reduce fine differentiation among students, foundation subject grades will be graded in 3 scoring bands from AL A to C.
- Like standard subject ALs, the foundation subject ALs will reflect a student's level of achievement, rather than how they have performed relative to their peers.

Foundation Level AL Reflected on Result Slip	Foundation Raw Mark Range 75 – 100	
Α	75 – 100	
В	30 – 74	
С	< 30	

FOUNDATION LEVEL SUBJECT GRADES

- For the purpose of S1 posting, foundation level AL A to AL C will be mapped to AL 6 to AL 8 of standard level subjects respectively, to derive a student's overall PSLE score.
- This mapping is based on the learning and assessment load of the subjects, and informs students of their readiness to access the curriculum at the secondary level.

Foundation Level AL Reflected on Result Slip	Foundation Raw Mark Range	Equivalent Standard Subject AL	Standard Raw Mark Range
Α	75 – 100	6	45-64
В	30 – 74	7	20-44
С	< 30	8	<20

SCORING OF FOUNDATION SUBJECTS FOR S1 POSTING

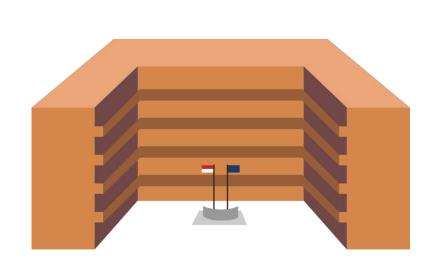
- A student's PSLE score is the sum of the four AL scores across his/her standard and foundation subjects.
- Students taking foundation subjects are eligible for the express course, as long as they meet the course placement criteria.
- With full subject-based banding in secondary schools, students may also take subjects at a higher level for those that they are strong in.



ENGLISH	AL3
FOUNDATION MOTHER TONGUE	ALB
FOUNDATION MATHEMATICS	ALB
SCIENCE	AL5
PSLE SCORE:	22

PLACEMENT OUTCOME	PSLE SCORE
EXPRESS	4 – 20
EXPRESS / N(A) option	21 – 22
N(A)	23 – 24
N(A) / N(T) option	25
N(T)	26 – 30, with AL7 or better in both EL <u>and</u> MA

HOW S1 POSTING WORKS





CHOICE ORDER of schools will matter more



- Students will continue to be posted to a secondary school based on academic merit i.e. overall PSLE score.
- If two or more students with the same PSLE Score vie for the last remaining place in a school, tie-breakers will be used in the following order:

- 1. CITIZENSHIP
- 2. CHOICE ORDER OF SCHOOLS -NEW
- 3. COMPUTERISED BALLOTING



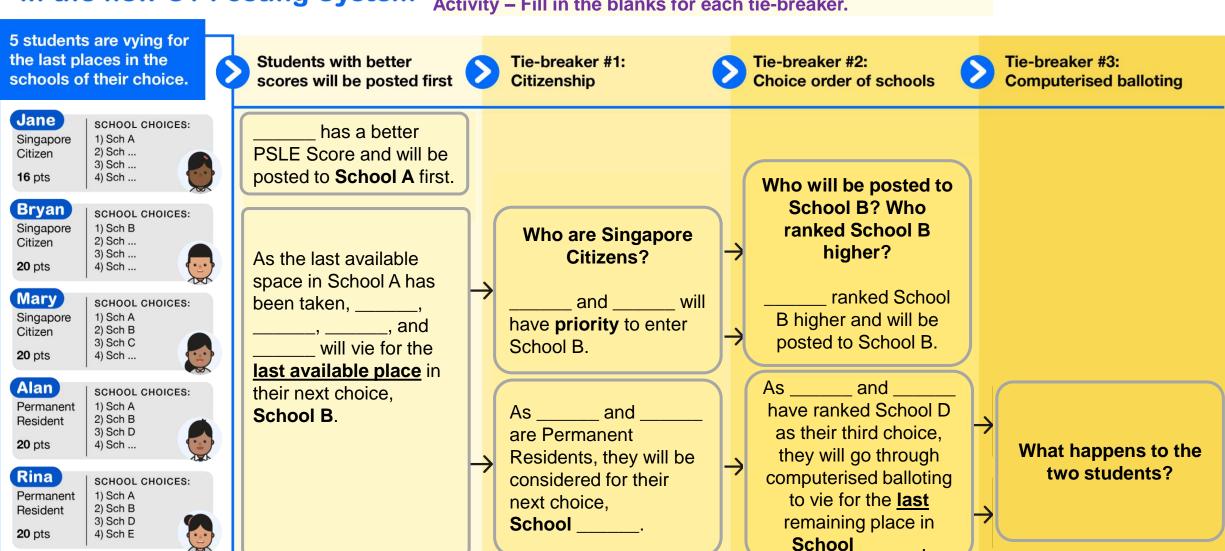


Tie-breakers

in the new S1 Posting System

Tie-breakers are used only if there is more than one student with the same PSLE Score vying for the last available place(s) in a school. Here's a simplified example.

Activity - Fill in the blanks for each tie-breaker.



Tie-breakers

in the new S1 Posting System

Tie-breakers are used only if there is more than one student with the same PSLE Score vying for the last available place(s) in a school. Here's a simplified example.

5 students are vying for the last places in the schools of their choice.

SCHOOL CHOICES:

Singapore Citizen

Jane

1) Sch A 2) Sch ...

3) Sch ...

1) Sch B

2) Sch ...

1) Sch A

2) Sch B

3) Sch C

4) Sch ...

1) Sch A

2) Sch B

3) Sch D

4) Sch ...

SCHOOL CHOICES:

SCHOOL CHOICES:

SCHOOL CHOICES:

16 pts

4) Sch ...

Bryan SCHOOL CHOICES:

Singapore Citizen

3) Sch ... **20** pts 4) Sch ...

Mary

Singapore Citizen

20 pts

Alan

Permanent Resident

20 pts

Rina Permanent

1) Sch A Resident

2) Sch B 3) Sch D **20** pts 4) Sch E

Students with better scores will be posted first



Tie-breaker #1: Citizenship

Bryan and Mary are

Singapore Citizens.

They will have

priority to enter

School B.



Tie-breaker #2: Choice order of schools



Tie-breaker #3: Computerised balloting

Jane has a better PSLE score. She will be posted first, to School A.



Bryan, Mary, Alan and Rina

School B.



Since Bryan has taken the last place in School B, Mary will be posted to

he will be posted to

School B.

School C.

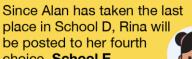
Because Bryan ranked

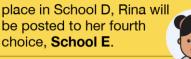
School B higher than Mary,



Alan and Rina have both ranked School D as their third choice. They will go through computerised balloting to vie for the last remaining place in School D.

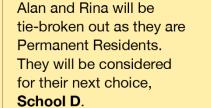
Through computerised balloting, Alan is posted to School D.





have the same score.

As Jane has taken the last available place in School A, Bryan, Mary, Alan and Rina will vie for the last available place in their next choice,









- •We are introducing it as a tie-breaker to recognise the different considerations that families have when choosing secondary schools, e.g. the school's ethos, culture, programmes and CCAs, as well as distance between the school and home.
- Encourage families to look beyond the schools' cut-off points and think more deeply about the schools they are choosing, to decide which would best suit their child's strengths and interests.
- We hope that all students will enter secondary schools with courses and programmes that will nurture their interests and be a good fit for them.







CHOICE ORDER OF SCHOOLS MAY GIVE A STUDENT PRIORITY IN POSTING

- Under the new posting system, academic merit (PSLE Score) is still the first criterion for posting. The first student considered has the best PSLE Score and will be posted to the school that is his first choice.
- A student's choice order of schools will be used as one of the tie-breakers if there are two or more students with the same PSLE Score vying for the last remaining place in a school.



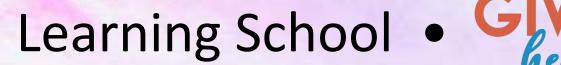




INDICATIVE PSLE SCORE RANGES FOR INDIVIDUAL SECONDARY SCHOOLS











INDICATIVE ACHIEVEMENT LEVEL (AL) CUT-OFF POINT (COP) RANGES FOR DIFFERENT SCHOOL TYPES

Government & Government-aided Schools

These schools are the mainstay of our education system, and offer high-quality education at standardised fees. These schools offer a range of electives, applied subjects and student development programmes.

Course	Indicative AL COP range for 2019 PSLE
Express (Integrated Programme (IP))	7 – 9
Express (O-level)	8 – 22
N(A)	22 – 25
N(T)	26 – 30





INDICATIVE ACHIEVEMENT LEVEL (AL) CUT-OFF POINT (COP) RANGES FOR DIFFERENT SCHOOL TYPES



Autonomous Schools	Course	Indicative AL COP range for 2019 PSLE
These schools are Government or	Express (IP)	7 – 9
Government-aided schools that provide a wider range of programmes that seek to	Express (O-level)	8 – 16
enhance students' learning experiences and develop their talents.	N(A)	22 – 25
	N(T)	26 – 29
Independent schools	Course	Indicative AL COP range for 2019 PSLE
These schools have the autonomy to develop their curriculum and programmes to cater to	Express (IP)	6-8
their students' diverse learning needs.	Express (O-level)	8 – 10



Learning School



WHAT THE INDICATIVE PSLE SCORE RANGES SHOW

- With a blunter scoring system, there are fewer possible PSLE Scores. Schools would also be less differentiated by COPs, which will mean that students would have a wider range of secondary schools to choose from. Students therefore do not have to chase the last mark.
 - There is a good spread of schools with COPs across different PSLE Scores
 - Indicative COPs range from 6 30, with no school having a COP of 4
- Schools' indicative PSLE Score ranges have remained largely stable in recent years.
 - The ranges may vary from year to year depending on the cohort's PSLE results and their school choices for that year's S1 Posting Exercise
 - Fluctuations of +/-1 AL for AL COPs are typical





GOOD SPREAD OF SCHOOLS WITH A RANGE OF CUT-OFF POINTS (COPS)



- The COP refers to the PSLE Score of the last student admitted to a particular school in the 2020 S1 Posting Exercise.
- The COP range indicates the lowest and highest COP of the respective courses based on the schools in each school zone.
- As COPs vary from school to school, the COP ranges would differ across zones.*

	Courses	Exp^	N(A)	N(T)
1	No. of Schools	37	32	32
	COP Range	7 (M)-22	22-25	26-30*

Courses	Exp^	N(A)	N(T)
No. of Schools	32	27	25
COP Range	6-22	22-25	26-30*

Courses	Exp [^]	N(A)	N(T)
No. of Schools	36	30	29
COP Range	6-22	21-25	26-30*

Courses	Exp [^]	N(A)	N(T)
No. of Schools	33	25	23
COP Range	8 (D) -22	22-25	26-30*

School Zones



Learning School



INDICATIVE PSLE SCORE RANGES FOR INDIVIDUAL SECONDARY SCHOOLS



Similar to the T-score system, the indicative PSLE Score range refers to the PSLE Score of the <u>first and last student</u> admitted into a particular school in the previous year via S1 **Posting.** This shows the range of student profiles who enter each school.

Example

XX Secondary School Indicative PSLE Score range of 2020

Express

Normal (Academic)

Normal (Technical)

15 – 20

21 – 24

25 – 28

Indicative PSLE Score of the <u>first</u> student posted into the school in the respective courses

Students who scored better than the school's COP in this particular posting exercise would have been admitted to the school

Indicative PSLE Score of the <u>last</u> student posted into the school in the respective courses [i.e. the school's <u>Cut-Off Point (COP)</u>]











- From this year onwards, schools with (i) last posted student with PSLE Score better than 30 and (ii) remaining N(T) vacancies will have their COP for N(T) course reflected as 30* to reassure parents that there are schools available for S1-eligible students with a PSLE Score of 30
 - Asterisk differentiates between this group of schools and schools where the last posted student actually had a PSLE Score of 30

PSLE Score range of 2020					
	Affiliated	Non Affiliated			
Express	-	<mark>8 – 22</mark>			
Normal (Academic)	-	21 - 25			
Normal (Technical)	-	25 30			

*The last posted student had a PSLE Score better than 30. The school's lower range is shown here as 30, because the school still had N(T) vacancies after the S1 Posting Exercise. Thus, if a student with PSLE Score of 30 and who had met the eligibility for progression to S1 had chosen the school during the Exercise, the student would have been able to obtain a place in the school.

Indicative PSLE Score of the <u>first</u> student posted into the school in the Normal (Technical) course

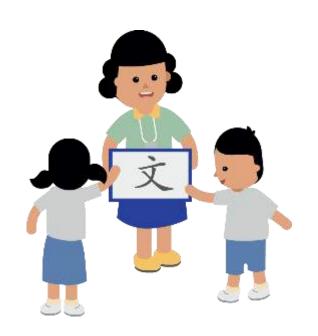
Indicative PSLE Score of the <u>last</u> student posted into the school for Normal (Technical) course shown as 30*, as the school still had vacancies for the course after the S1 Posting Exercise



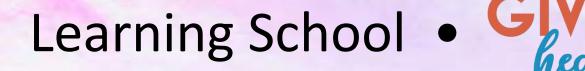




USE OF HIGHER CHINESE LANGUAGE (HCL) FOR ADMISSION INTO SAP SCHOOLS









ELIGIBILITY FOR HMTL IN SECONDARY SCHOOLS



■ The eligibility criteria for taking HMTL is intended to ensure that students can cope with the higher academic load, and takes reference from the current criteria.

ELIGIBLITY CRITERIA FOR SECONDARY SCHOOL HMTL

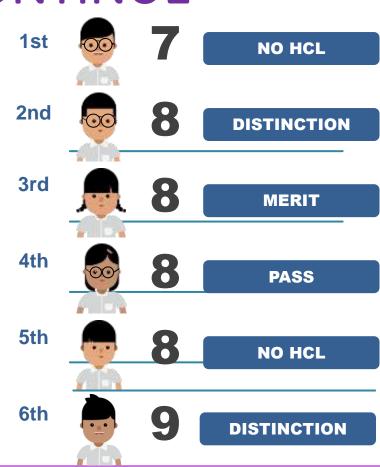
- (i) PSLE Score of 8 or better
- OR
- (ii) PSLE Score of 9 to 14 inclusive; and attain
 - AL1 / AL2 in MTL or
 - Distinction / Merit in HMTL
- For students who do not meet the above criteria, secondary schools will continue to have the flexibility to offer HMTL to students, if they are assessed to have high ability and interest in MTL and are able to take HMTL without affecting their performance in other subjects.



HCL POSTING ADVANTAGE FOR ENTRY TO SAP SCHOOLS WILL CONTINUE

GIVER'S

- Students' HCL results will be denoted as 'D' (Distinction), 'M' (Merit) or 'P' (Pass).
- Students will need to obtain a Distinction / Merit / Pass in HCL at PSLE; and an overall PSLE Score of 14 or better to be eligible for posting advantage to an SAP school.
- Students will be ranked taking into account their performance in HCL.
- This posting advantage applies before the tie-breakers for S1 Posting.







EXAMPLE OF AN SAP SCHOOL'S INDICATIVE PSLE SCORE RANGE



While students need not take HCL to enter SAP schools, students who pass HCL receive a
posting advantage for admission. To reflect this, the indicative PSLE Score ranges of SAP
schools include the HCL grades of the first and last student admitted in the previous year via
S1 Posting.

Example

XX Secondary School Indicative PSLE Score range of 2020

Express	<mark>5 (D)</mark>)-(12 (P)	
Normal (Academic)				
Normal (Technical)				

Students who scored better than the school's COP, whether they take HCL, in this particular posting exercise would have been admitted to the school

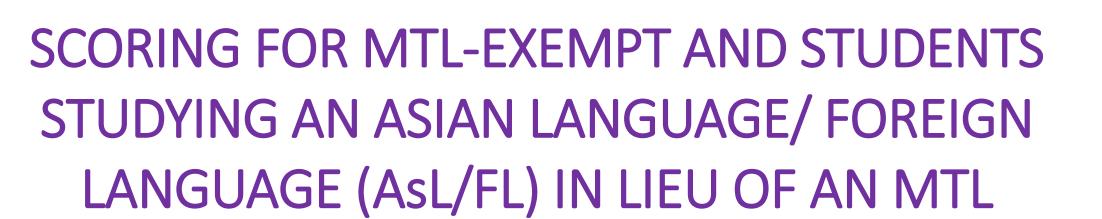
Indicative PSLE Score and HCL grade of the last student posted into the school in the Express course

[i.e. the school's Cut-Off Point (COP)]

Indicative PSLE Score and HCL grade of the <u>first</u> student posted into the school in the Express course













Learning School • Grant





SCORING FOR MTL-EXEMPT AND AsL/FL STUDENTS

- For students who are exempted from MTL or take an AsL/FL in lieu of an official MTL, their PSLE result slip will only reflect the three subjects they have taken.
- However, for the purposes of Secondary 1 posting, these students will need an assigned MTL score so that they have a PSLE score comprising four subjects
 - □ To determine the assigned MTL score, reference is made to MTL scores of other students who have achieved similar scores in English, Mathematics, and Science, including those taking Foundation MTL.







SCORING FOR MTL-EXEMPT AND AsL/FL STUDENTS

- In reviewing the score assignment for these students under the new PSLE scoring system, we need to strike a balance between:
 - Acknowledging that students have valid reasons for seeking MTL exemption or taking an AsL/FL, and
 - □ Ensuring some parity between scoring for exemption, Foundation and Standard MTL.





SCORING FOR MTL-EXEMPT AND AsL/FL STUDENTS

- Under the new scoring system, the assigned MTL score will :
 - □ Take reference from peers with similar scores for English, Mathematics and Science, including those taking Foundation MTL;
 - □ While maintaining parity of treatment with students who take Foundation MTL (who will score between AL 6 to 8).
- Hence, students will receive an assigned MTL score between <u>AL 6 and 8</u> in PSLE.







CHOOSING A SUITABLE SECONDARY SCHOOL







ADVISING PARENTS AND STUDENTS TO CHOOSE A SUITABLE SECONDARY SCHOOL



- Consider your child's strengths, interests and abilities when making school choices in order to find
 a school that would help the child to learn and thrive his best.
- Parents can discuss the options with their child, with the following considerations:
 - School culture: What is the school's culture and ethos?
 - Programmes, subjects and CCAs offered: Can the school support and develop their child's interests, strengths and abilities?
 - <u>Location and transport options</u>: Is it too far from home? How will their child get to school?
 - Specialised facilities or resources, if their child has Special Educational Needs?







SUBJECT-BASED BANDING (SECONDARY) ELIGIBILITY CRITERIA UNDER THE AL SCORING SYSTEM









SUBJECT-BASED BANDING (SECONDARY) [SBB (SEC)] ELIGIBILITY CRITERIA UNDER THE AL SCORING SYSTEM



- Since 2018, MOE has introduced Subject-Based Banding (SBB) in all secondary schools with N(A) and N(T) courses.
- SBB (Sec) provides students with greater flexibility to take various subjects at a more demanding level based on their subject-specific strengths and aptitudes.
- Under the new PSLE scoring system, students from the Normal course will continue to be eligible to take subjects at a more demanding level at Secondary 1 based on their AL scores for individual subjects, to recognise and develop students' subject-specific strengths.



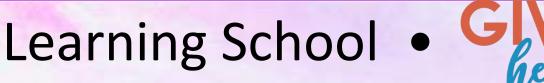


SBB (SEC) ELIGIBILITY CRITERIA UNDER THE AL SCORING SYSTEM

 Under the new AL scoring system, the SBB (Sec) eligibility criteria is as follows:

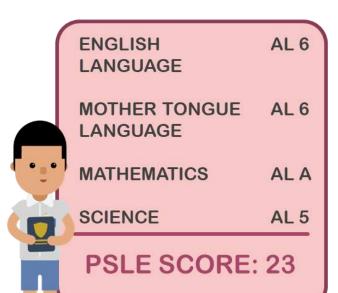
PSLE Standard / Foundation	Option to take subject		
Subject Grade	at		
AL 5 or better in a Standard level	Express level		
subject			
AL 6 or better in a Standard level	N(A) level		
subject			
<u>OR</u>			
AL A in a Foundation level subject			





SBB (SEC) ELIGIBILITY CRITERIA UNDER THE AL SCORING SYSTEM





- A student scores an overall Score of 23 and AL 5 for Science will placed in the N(A) course.
- He will be eligible to take Science at a more demanding level (i.e. Express level) at Secondary 1.
- Taking up Science at a more demanding level would allow him to learn at a level more suited to his pace of learning, aptitudes and passions. It could also motivate him to be more meaningfully engaged.
- Eligible students can discuss with their parents and teachers to decide whether to accept the offer.
- As students grow and develop in secondary school, they will continue to have more opportunities to take subjects at more demanding levels based on their in-school performance, to further pursue their interests and develop to their fullest potential.







PREPARING FOR S1 POSTING EXERCISE





- Release of School Posting results
- Release of PSLE results
- Submission of Secondary 1 Option Form

OCTOBER

NOVEMBER

DECEMBER

ZEAL PROGRESS & SUCCESS



RESOURCES TOP QUESTIONS ON THE NEW PSLE SCORING SYSTEM





Part 1
https://go.gov.sg/psle-explainer-1



Part 2
https://go.gov.sg/psle-explainer-2









Indicative PSLE Scores for Sec schools

Resources: Posting to Secondary School (moe.gov.sg)



Indicative PSLE Score Ranges for Individual Secondary Schools







Direct School Admission







What is DSA-Sec?

Direct School Admission for secondary schools (DSA-Sec) allows students to apply to some schools before taking the PSLE.

Students apply based on their talent in sports, CCAs and specific academic areas.







Primary 6 students can apply for DSA-Sec based on a wide-range of talents, including:

- Sports and games
- Visual, literary and performing arts
- Debate and public speaking
- Science, mathematics and engineering
- Languages and humanities
- Uniformed groups
- Leadership (for example, prefects)







 DSA is a commitment on the part of both the student and the secondary school.

• Parents and students should choose schools wisely based on the student's aptitudes and strengths, bearing in mind the schools' academic and non-academic requirements, and the programmes available to develop the talents.

• Students who are not sure or not ready to do so should enter a secondary school through the S1 Posting instead.







• Students successfully allocated to their DSA-Sec schools will **NOT be** allowed to participate in the annual S1 Posting to opt for secondary schools, and are expected to honour the commitment to the allocated DSA- Sec school for the entire duration of the programme to develop their talents.

• They will also **NOT be allowed to transfer to another school** after the release of the PSLE results.







Application (tentatively in May 2023)

- Parent may log in directly to DSA-Sec Portal. Only one parent's Singpass is required. Parents/ guardians who are unable to apply online can approach their child's primary school (e.g. via email or phone calls) for assistance.
- Students who wish to apply for School of the Arts (SOTA) and Singapore Sports School (SSP) may approach the school directly.
- There is no need for testimonials to be provided by Primary schools for the application as information (such as P5 and P6 academic results, Co-curricular Activities (CCA), Values in action (VIA), school-based activities/achievements/awards such as Edusave Awards, National School Games (NSG) and Junior Sports Academy (JSA) participation and NAPFA (for sports talent) will be extracted from School Cockpit to be shared with the DSA-Sec schools.







Selection (Jun-Sep 2023)

- DSA schools may resume the conduct of in-person selection for all talent areas this year (similar to how DSA was conducted pre-COVID), with the necessary safe management measure (SMMs) in place to ensure the safety of students and staff
- More information will be made available in June 2023.







School Preference Submission (Oct 2023)

- Students who receive at least one DSA-Sec offer (including from SOTA) will receive email notification and SMS via Postman.gov.sg on the School Preference Submission in late Oct 2023. Both parents are required to login to the DSA-Sec Portal using their Singpass to submit up to three school preferences.
- Amendments or withdrawals will **NOT** be allowed after the end of the School Preference Submission.







School Preference Submission

Singapore Sports School (SSP) — Some students may receive concurrent offers from DSA-Sec schools and SSP. Students who wish to accept the SSP offer should not submit their DSA-Sec school preferences. If they do so, their earlier SSP offer will be void.
 Students who wish to accept the SSP should also continue to take part in the S1 Posting.











THANK YOU!

