



ENGLISH LANGUAGE

PRIMARY 6



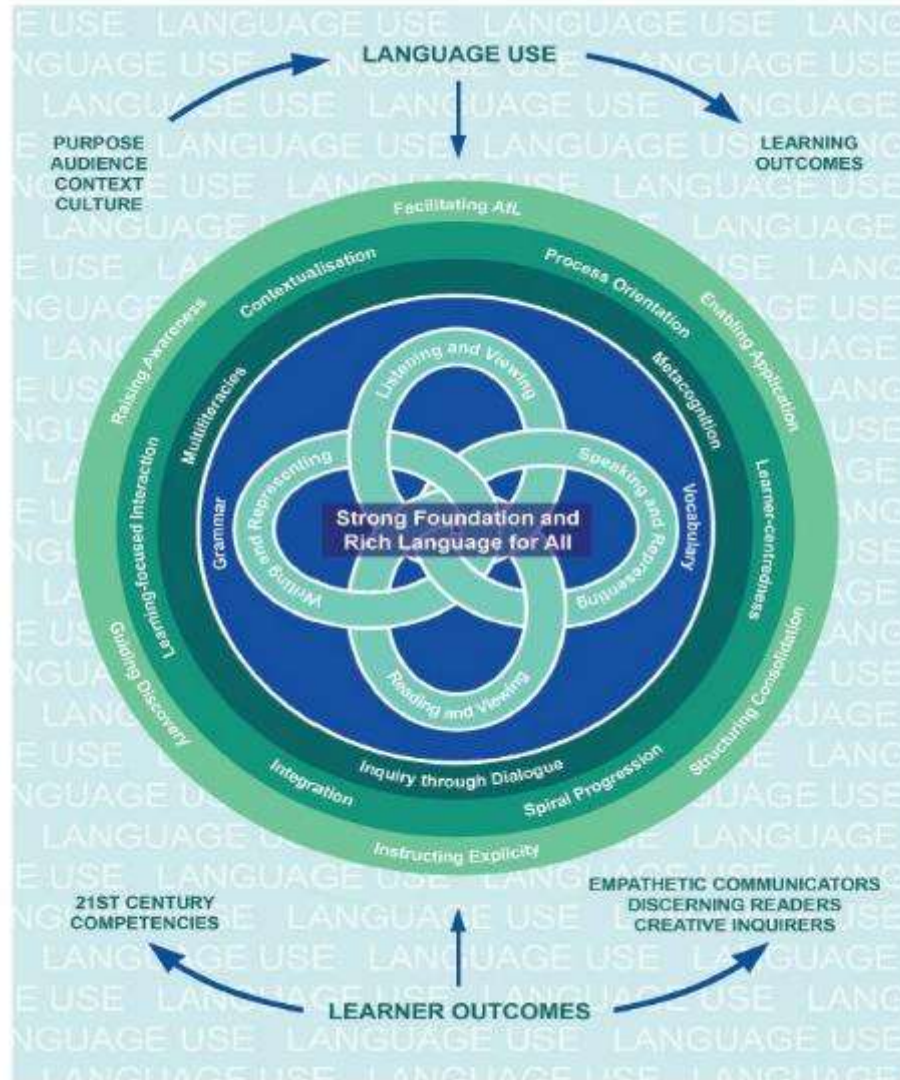
What To Expect Today?

School Values: Kindness, Integrity, Resilience, Responsibility, Creativity

- ◆ Overview of Primary 6 English
- ◆ STELLAR 2.0 & Curriculum Updates
- ◆ School-Based Assessments
- ◆ Revisit the New PSLE 2025 Format
- ◆ How You Can Support Your Child



Areas of Language Learning



- Approach to EL Teaching and Learning
- EL Teaching Processes (ACoLADE)
- Principles of EL Teaching and Learning (CLLIPS)
- Pedagogical Emphases (Multiliteracies, Metacognition, Inquiry through Dialogue)
- Knowledge about Language
- Receptive and Productive Skills

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

A Co L A D E

Raising	Awareness
Structuring	Consolidation
Facilitating	Learning
Assessment for	Application
Enabling	Discovery
Guiding	Explicitly
Instructing	



An overview

School Values: Kindness, Integrity, Resilience, Responsibility, Creativity

Language Learning Area	STELLAR (National Curriculum)	School-based Curriculum	EL Supplementary booklets by theme ICT-based lesson packages
Reading & Viewing	<ul style="list-style-type: none"> Supported Reading Sustained Silent Reading (SSR) Extensive Reading Programme (ERP) Retelling / KWL 	<ul style="list-style-type: none"> Library (Fortnightly) Current Affairs (Little Red Dot – 28 issues) Enhanced Reading Initiatives (ERI) 	
Writing & Representing	<ul style="list-style-type: none"> Writing Process Cycle (WPC) Text-Type Writing 	<ul style="list-style-type: none"> CPS Writing Package (P.O.E.M.S) Journal (weekly) 	
Speaking & Representing	<ul style="list-style-type: none"> Effective and purposeful interaction and group discussion embedded in all key strategies 	<ul style="list-style-type: none"> Oral Communication Package 	
Listening & Viewing	<ul style="list-style-type: none"> Listening and viewing skills for understanding and critical thinking taught through all key strategies using audio and graphic stimuli 		
Grammar	<p style="text-align: center;">Whole-Part-Whole Approach</p> <ul style="list-style-type: none"> Explicit teaching of grammar in meaningful context using STELLAR readers 		
Vocabulary	Text-Based Approach <ul style="list-style-type: none"> STELLAR Readers 	Working with Words <ul style="list-style-type: none"> Spelling (in context) 	



What is STELLAR?

School Values: Kindness, Integrity, Resilience, Responsibility, Creativity

Strategies for English Language Learning and Reading

- Teaching and learning of English using more speaking and listening activities
- Children learn reading and writing using rich and interesting books, with discussions led by the teacher



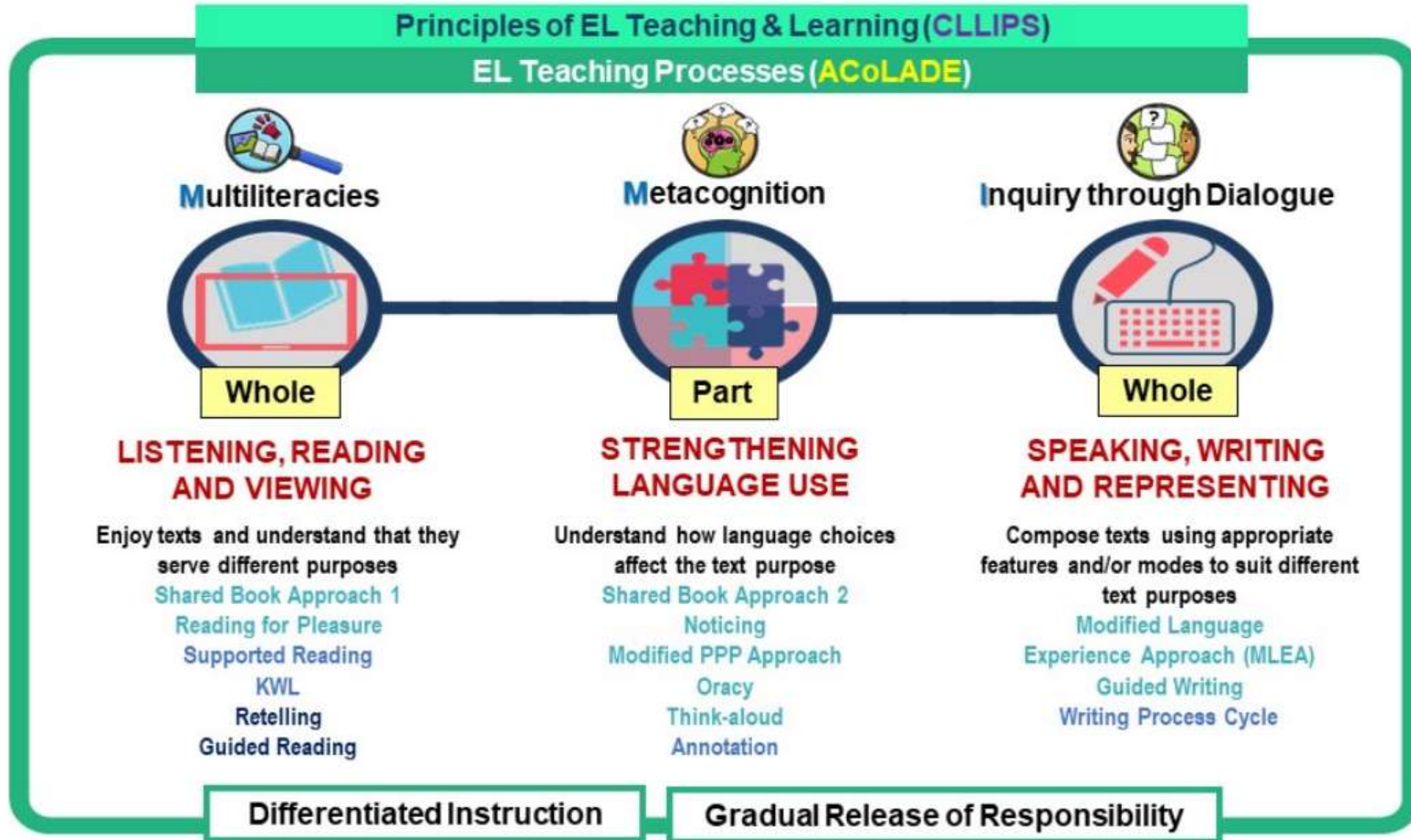
STELLAR 2.0

School Values: Kindness, Integrity, Resilience, Responsibility, Creativity

The **STELLAR programme** has been reviewed and refined to better equip learners with essential language skills.

- ✓ Responding to changes in the global landscape
- ✓ Preparing students for an increasingly dynamic world
- ✓ Enhancing adaptability and flexibility in language use
- ✓ Integrating multiliteracies into language learning
- ✓ Equipping students for future workplaces

Framework for Language Learning in the **STELLAR**[®] 2.0 Classroom



Guided by *ELS 2020*:

Principles of EL Teaching & Learning (CLLIPS)

EL Teaching Processes (ACoLADE)

Pedagogical Emphases (MMI)

Whole-part-whole Approach

- Lower Primary
- Middle Primary
- Upper Primary



Assessments (EL)

Term	Component	Marks (Weighting)	Details
1	Situational Writing	20	Write a short functional piece (e.g., letter, email, report, article) to suit the purpose, audience and context of a given situation
2	Language Use & Comprehension	40	Language Use and Comprehension <ul style="list-style-type: none"> Part I –MCQ questions (Grammar , Vocabulary & Visual Text Comprehension) Part II – Grammar Cloze, Editing, Comprehension OE
3	Preliminary Examination	200 (100%)	Next slide
	PSLE (Paper 4)	40 (20%)	Oral Communication (Reading Aloud & Stimulus-based Conversation)
4	PSLE (Paper 3)	20 (10%)	Listening Comprehension
	PSLE (Paper 1,2)	120 (70%)	Writing / Language Use & Comprehension



Assessments (FEL)

Term	Component	Marks (Weighting)	Details
1	Situational Writing	14	Write a short functional piece (e.g., letter, email) to suit the purpose, audience and context of a given situation
2	Language Use & Comprehension	30	Language Use and Comprehension <ul style="list-style-type: none"> Part I –MCQ questions (Grammar , Vocabulary & Visual Text Comprehension) Part II – Grammar Cloze, Editing, Comprehension OE
3	Preliminary Examination	200 (100%)	Next slide
	PSLE (Paper 4)	20 (20%)	Oral Communication (Reading Aloud & Stimulus-based Conversation)
4	PSLE (Paper 3)	15 (15%)	Listening Comprehension
	PSLE (Paper 1,2)	65 (65%)	Writing / Language Use & Comprehension



Examination Components (EL)

NEW! PSLE 2025 FORMAT

PAPER	COMPONENTS	COMPONENTS	WEIGHTING
1	Writing	Situational Writing	25% (↓2.5%)
		Continuous Writing	
2	Language Use & Comprehension	Booklet A: Grammar, Vocabulary, Vocabulary Cloze, Comprehension (Visual Text) Booklet B: Grammar, Cloze Editing for Spelling and Grammar Comprehension Cloze, Synthesis / Transformation Comprehension OE	45% (↓2.5%)
3	Listening Comprehension	Listening Comprehension	10%
4	Oral Communication	Reading Aloud	20% (↑5%)
		Stimulus-based Conversation	








Examination Components (FEL)

NEW! PSLE 2025 FORMAT

PAPER	COMPONENTS	COMPONENTS	WEIGHTING
1	Writing	Situational Writing	25% (↓)
		Continuous Writing	
2	Language Use & Comprehension	Booklet A: Grammar, Punctuation, Vocabulary, Comprehension (Visual Text) Booklet B: Form Filling, Editing for Grammar, Editing for Spelling, Synthesis, Comprehension Cloze, Comprehension (Passages A and B)	40% (↓)
3	Listening Comprehension	Listening Comprehension	15% (↑)
4	Oral Communication	Reading Aloud	20% (↓)
		Stimulus-based Conversation	



Growing Confident Users of English

EVERYDAY MOMENTS	WHAT CHILDREN GAIN	SIMPLE WAYS TO NURTURE IT
 Family Conversations	Confidence and clarity in expression	Give space for full answers; ask gentle follow-up questions
 Shared Reading	Curiosity & vocabulary growth	Talk about characters, ideas and feelings — not just “right answers”
 Watching Shows Together	Listening & expression	Pause and ask what they understood and why it mattered.
 Discussing News & Current Issues	Perspective & discernment	Ask, “Do you agree?” and “What might someone else think?”
 Writing for Real Purposes	Ownership of language	Let them draft real messages, feedback or short reflections

Strong language grows from meaningful use — not mechanical practice.



Using the Digital World Intentionally

DIGITAL PLATFORM	WHAT IT CAN BUILD	HOW TO USE IT MEANINGFULLY
News Apps	Awareness & perspective	Read one short article weekly and discuss key ideas
Podcasts / YouTube	Listening & summarising	Ask for a short summary in their own words
Voice Recording	Confidence in speaking	Record a short response and reflect on clarity
AI Tools*	Editing & precision	Attempt first, then refine thoughtfully

The goal is not more screen time, but more meaningful engagement.



Mathematics

Primary 6



Content

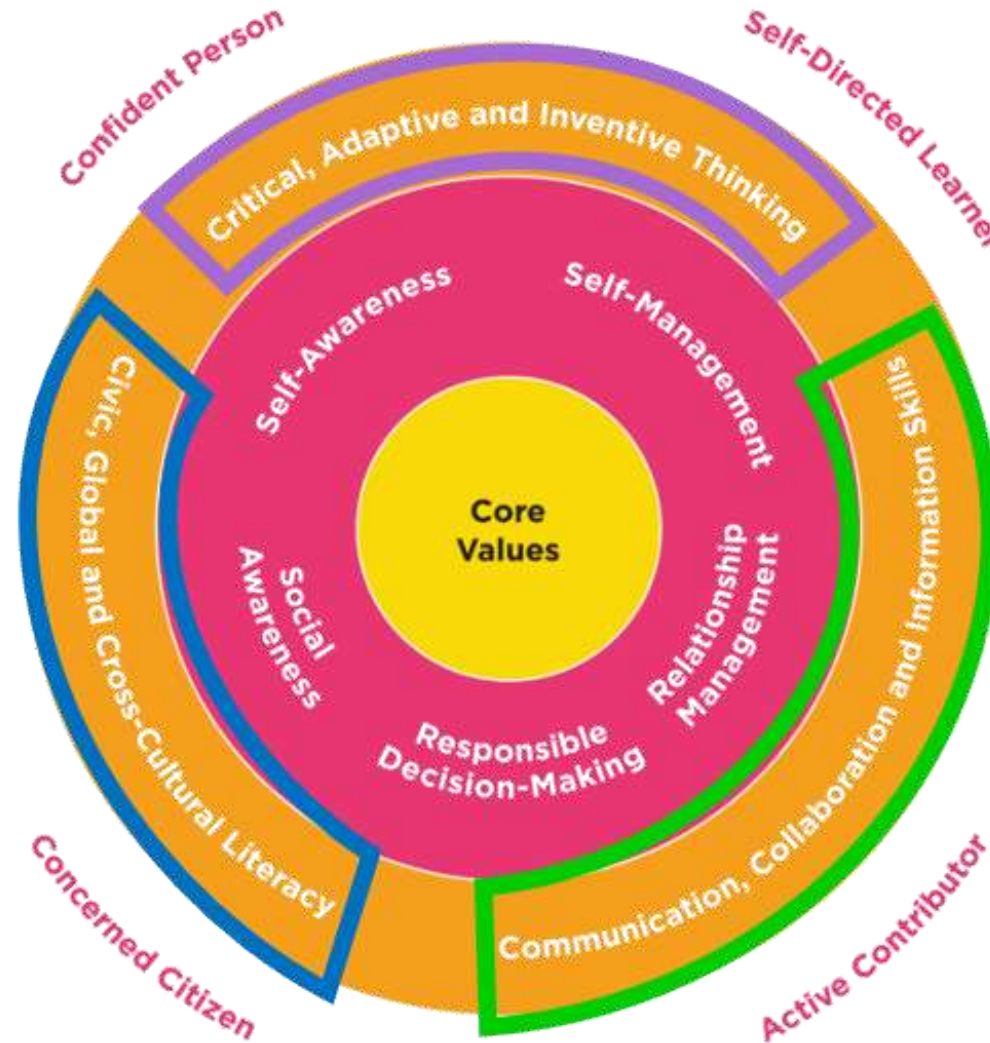
School Values: Kindness, Integrity, Resilience, Responsibility, Creativity

- 21 Century Competencies
- MOE Primary Mathematics curriculum and key focus areas
- P6 Syllabus and Topics
- Supporting your child in learning Math
- Prelim / PSLE Examination Assessment Format



Emerging 21st Century Competencies

School Values: Kindness, Integrity, Resilience, Responsibility, Creativity





Aims of the Primary Mathematics Syllabus

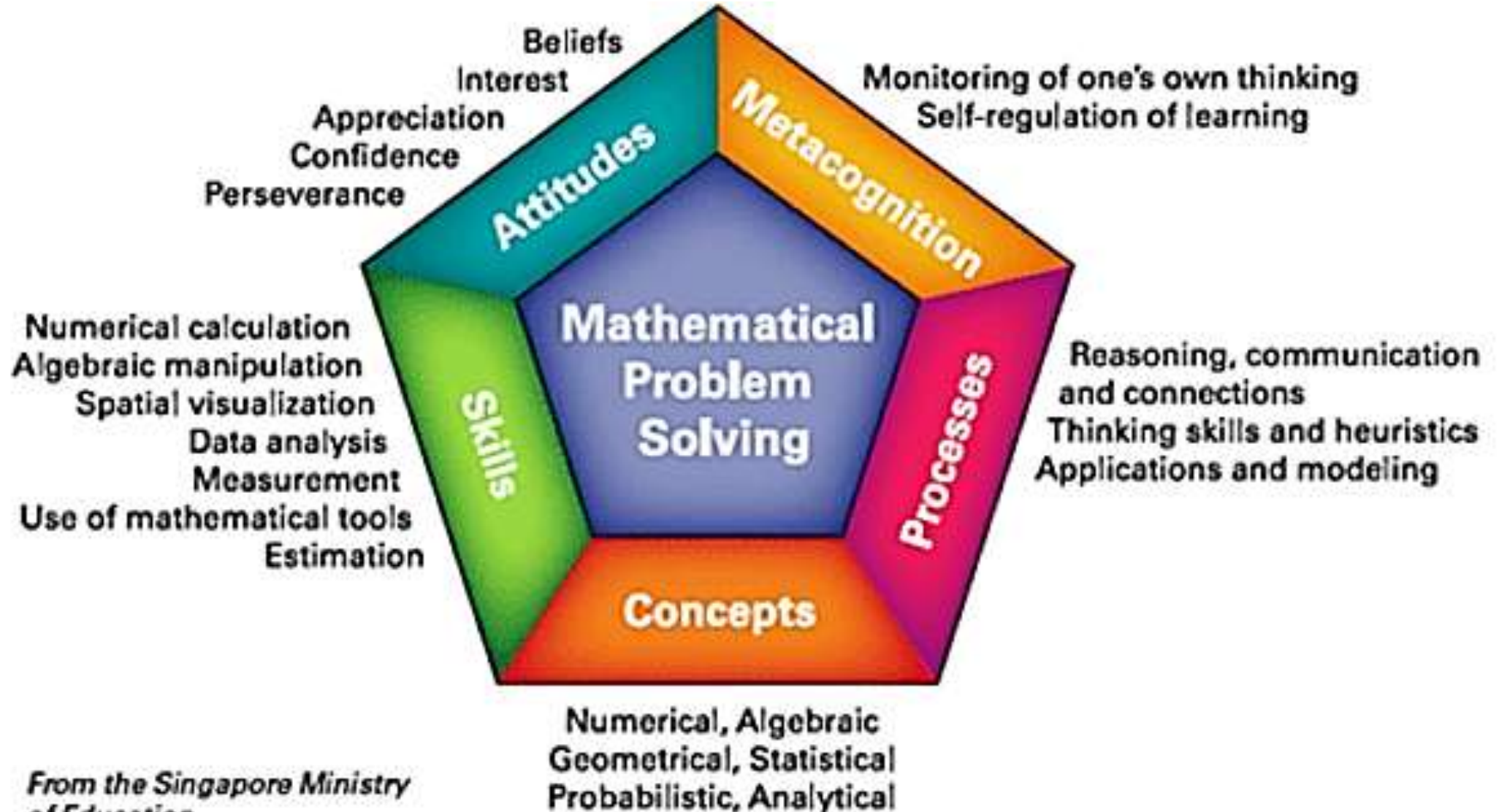
School Values: Kindness, Integrity, Resilience, Responsibility, Creativity

To enable students to:

- acquire mathematical concepts and skills for everyday use and continuous learning in mathematics;
- develop thinking, reasoning, communication, application and metacognitive skills through a mathematical approach to problem solving; and
- build confidence and foster interest in mathematics.



MOE Mathematics Framework



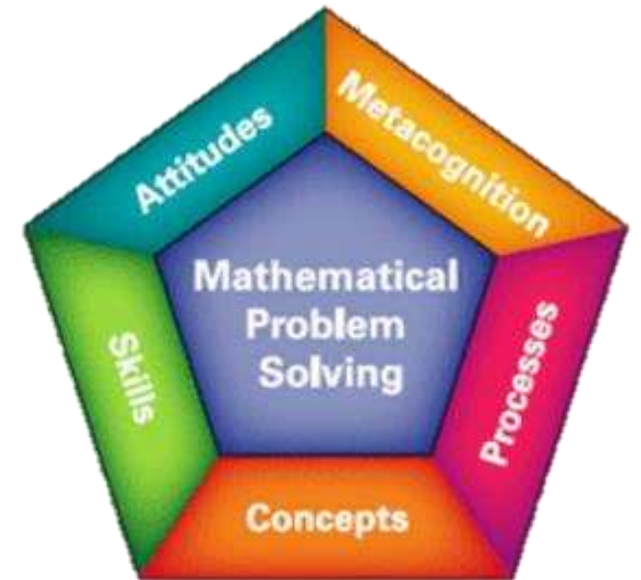
From the Singapore Ministry of Education



P6 MOE Mathematics Curriculum

School Values: Kindness, Integrity, Resilience, Responsibility, Creativity

- ✓ Centered round 'Problem Solving'
- ✓ Follows a **spiral progression** in building up content across the levels
- ✓ Develops **logical reasoning, communication, problem-solving** and **metacognitive skills**
- ✓ Builds students' **confidence** and foster **interest** in Math, shaping their **attitude** towards the subject





Metacognition

School Values: Kindness, Integrity, Resilience, Responsibility, Creativity

Metacognition, or thinking about thinking, refers to the awareness of, and the ability to control one's thinking processes, in particular the selection and use of problem-solving strategies. It includes monitoring and regulation of one's own thinking and learning. It also includes the awareness of one's affective responses towards a problem. When one is engaged in solving a non-routine or open-ended problem, metacognition is required.

[2021-Primary-Mathematics-Syllabus-P1-to-P6-Updated-October-2025.pdf](#)



Mathematics & 21st Century Competencies (CAIT)

School Values: Kindness, Integrity, Resilience, Responsibility, Creativity

Critical thinking - the ability to analyse information logically, evaluate evidence, and make sound judgments.

Adaptive Thinking - the ability to adjust strategies when circumstances change or when an initial approach is unsuccessful.

Inventive Thinking - the ability to approach problems creatively and develop original solutions.



P6 Syllabus and Topics (2021 Syllabus)

Numbers & Algebra

Numbers & Algebra

Measurement & Geometry

Measurement & Geometry

Statistics

Statistics



Developing 21st Century Competencies in the Cedar Mathematics Classroom

Learning Experiences through textbooks

1 Fractions



I have a pizza. I want to give $\frac{1}{4}$ of the pizza to each of my friends.

Raja, I have $\frac{1}{2}$ of a pie. I will share it equally with you.

How many friends can Raju give the pizza to?

STUDENT LEARNING SPACE
Do you know how to divide fractions?
Learn more at go.gov.sg/sms01

1

3 Percentage



PRIZE-GIVING CEREMONY

There are 5 medals. We are giving away 1 medal.

How can we find the percentage decrease in the number of medals on the tray?

STUDENT LEARNING SPACE
Do you know about percentages?
Learn more at go.gov.sg/sms02

35



Learning Experiences through textbooks

Percentage



It was reported that Singapore generated about 6.86 million tonnes of waste in 2023, which was 7% lower than the 7.39 million tonnes produced in 2022.



Source: <https://www.straitstimes.com/singapore/domestic-recycling-rate-stalls-at-12-despite-decline-in-household-waste>

A tonne is a big unit of measurement for mass.



Does "7% lower" suggest a positive or negative result in the effort to reduce waste?



What can you and your friends do to help bring about a positive outcome in waste reduction?

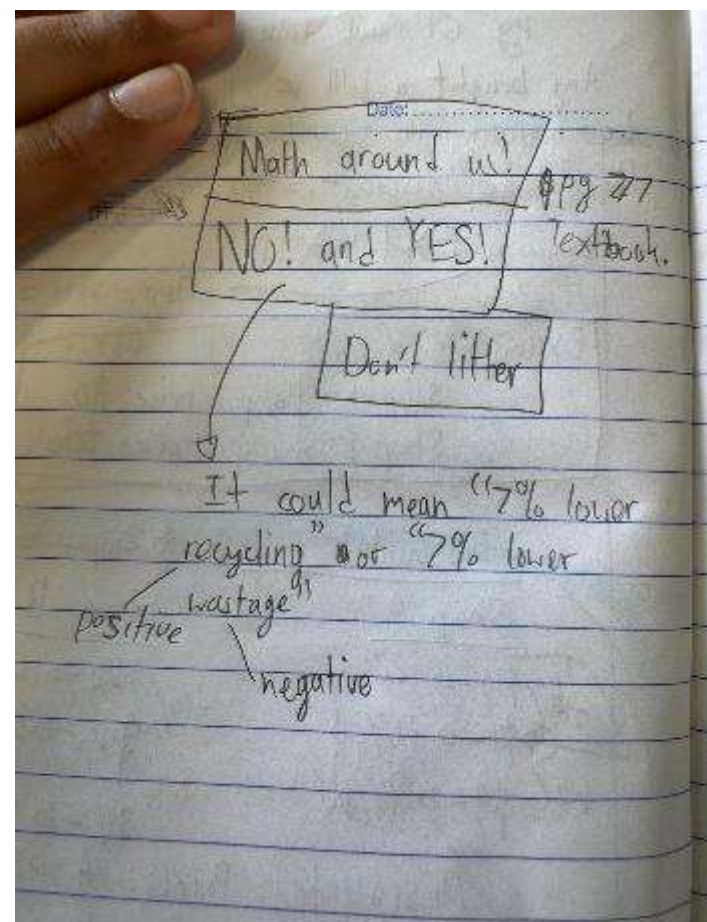
Pg 77 (Mathematics around us)

Does 7% lower suggest a positive or negative result in the effort to reduce waste.

Negative $\frac{7}{100}$ is a very low fraction. It is not even $\frac{1}{4}$ of the waste. But on the other hand, there is a reduce.

What can you and your friends do to help bring about a positive outcome in waste reduction.

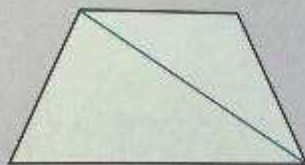
Don't waste food and order the amount you can eat.



Learning Experiences through textbooks

Thinking Aloud

To find the sum of angles in a trapezium, Anna divided the trapezium into two triangles.



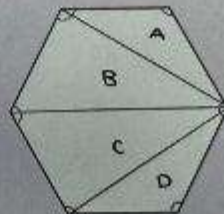
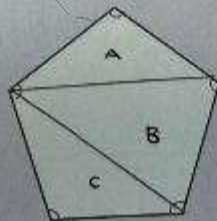
$180^\circ \times 2 = 360^\circ$
The sum of angles in a trapezium is 360° .



Anna

Use the properties of the sum of angles in a triangle to find the sum of angles in the 5-sided figure and the 6-sided figure shown below.

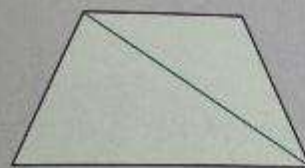
$$\begin{aligned} A+B+C \\ = 180^\circ \times 3 \\ = 540^\circ \end{aligned}$$



$$\begin{aligned} A+B+C+D \\ = 180^\circ \times 4 \\ = 720^\circ \end{aligned}$$

Thinking Aloud

To find the sum of angles in a trapezium, Anna divided the trapezium into two triangles.



$180^\circ \times 2 = 360^\circ$
The sum of angles in a trapezium is 360° .

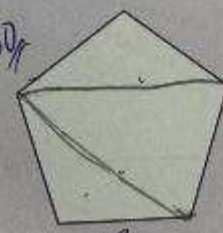


Anna

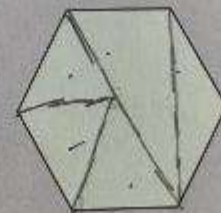
Use the properties of the sum of angles in a triangle to find the sum of angles in the 5-sided figure and the 6-sided figure shown below.

$$\begin{array}{r} 180 \\ \times 3 \\ \hline 480 \end{array}$$

$$180 \times 3 = 480^\circ$$



Ans: 480°



$$\begin{array}{r} 180 \times 5 \\ = 900 \end{array}$$

Ans: 900°



Learning Experiences through textbooks

Math Talk

Amy bought a bottle of shampoo from Shop A. Benny bought the same bottle of shampoo from Shop B.
If the percentage discount in both shops is the same, do they pay the same amount?
Explain your answer.



Shop A



Shop B

Pg 61 Math talk

Not possible to tell. The price of each bottle the shop is selling at might be different before discount.

Pg 61 Math Talk

Not possible to tell
No, the ~~off~~ original price of both shops for the same shampoo might be different which will affect how much they pay. Eg.

A	B	B
$\frac{90}{100} \times 100 = 90$	$\frac{90}{100} \times 50 = \frac{90}{2} = 45$	

However, if both the shops sell at the same original price, they would pay the same amount.

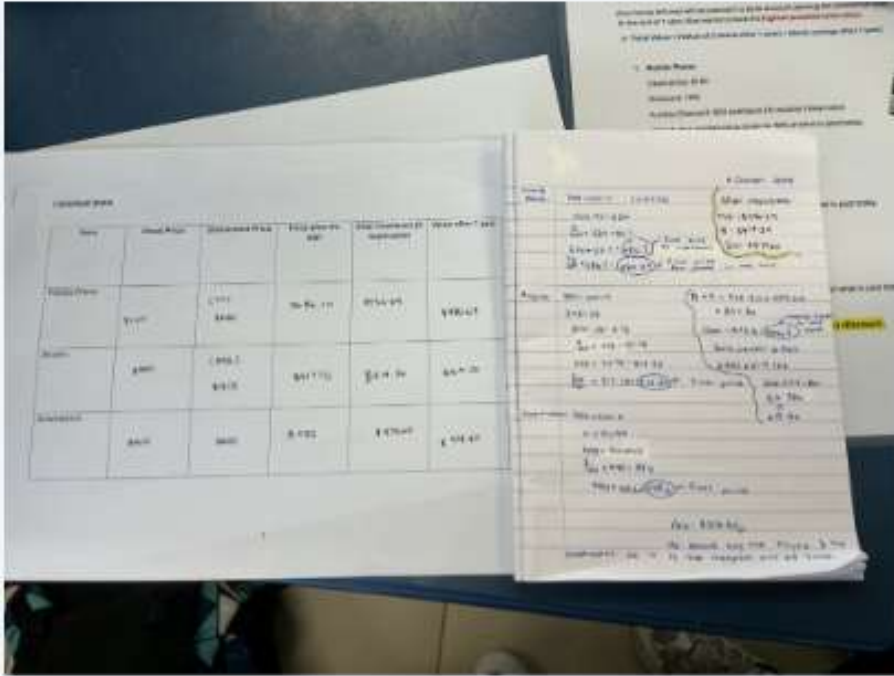


Learning Experiences through SLS

[Redacted]



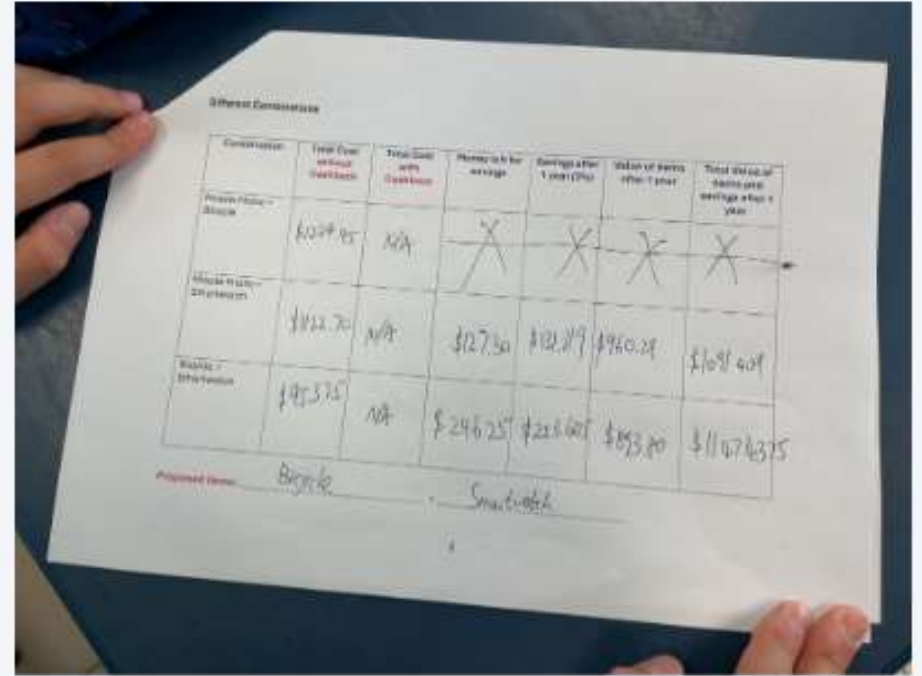
Response • 0



[Redacted]



Response • 0



Supporting Your Child in Learning Math

PARENTS: FUEL YOUR CHILD'S MATH JOURNEY!
EMPOWER THEM TO SUCCEED & EMBRACE THE JOY OF LEARNING!

Math! How? Why? What if? What if?

EMBRACE THE "POWER OF YET!"
"I can't do this... YET!"
*Encourage a Growth Mindset: Challenges are opportunities to learn and grow.

ASK QUESTIONS & REFLECT ON THINKING!
Be inquisitive and thoughtful! Explore "Why?" then pause to think: "How did I solve that?" to deepen understanding.

BE CURIOUS & EXPLORE!
Find math in everyday life! Play games, measure ingredients, solve puzzles!

ATTEND SCHOOL REGULARLY!
Consistency is Key! Every day counts for learning, progress, and building confidence!

BE CREATIVE, ADAPTIVE & INVENTIVE!
Think outside the box! Find unique ways to approach problems, adapt to new challenges, and invent your own math solutions.



Prelim / PSLE - Format

School Values: Kindness, Integrity, Resilience, Responsibility, Creativity

Primary 6 Standard Math (Total: 100%)	Paper 1 (50%) <i>without use of a calculator, 1 hour 10 min</i> Booklet A – 18 Multiple Choice Questions (26%) Booklet B – 12 Short Answer Questions (24%)
	Paper 2 (50%) <i>with use of a calculator, 1 hour 20 min</i> 5 Short Answer Questions (10%) 10 Long Answer Questions (40%)



Prelim / PSLE - Format

School Values: Kindness, Integrity, Resilience, Responsibility, Creativity

**Primary 6
Foundation
Math
(Total: 80%)**

Paper 1 (46%) ***without use of a calculator, 1 hour***
Booklet A – 20 Multiple Choice Questions (30%)
Booklet B – 8 Short Answer Questions (16%)

Paper 2 (34%) ***with use of a calculator, 45 min***
10 Short Answer Questions (20%)
4 Long Answer Questions (14%)



MOTHER TONGUE LANGUAGES

Primary 6



PURPOSE & GOALS OF MTL LEARNING

School Values: Kindness, Integrity, Resilience, Responsibility, Creativity

- To support and enable every student to learn MTL to as high a level as each student is able to
 - **Communication** – valuable 21st century competency for life and at work. Willingness and Confidence in using MTL for effective communication.
 - **Culture** – understand and develop unique identity through deeper appreciation of culture, traditions, literature and history. Critical base in preserving transmission of cultural values and traditions.
 - **Connection** – to connect with communities across Asia and the people who speak that language and share that culture. Enhances cross-cultural competency.



PURPOSE & GOALS OF MTL LEARNING

School Values: Kindness, Integrity, Resilience, Responsibility, Creativity

- **Learning MTL develops 21st Century Competencies (21CC)**

Equip students with values, socio-emotional competencies, and 21CC, esp. communication skills, cross-cultural literacy, critical, adaptive and inventive thinking.

- **Authentic and vibrant environment for active use of MTL**

Help students to like, learn and use their MTL as a living language, and produce proficient users who can communicate effectively in a variety of real-life settings.



P6 STANDARD MOTHER TONGUE

School Values: Kindness, Integrity, Resilience, Responsibility, Creativity

PAPER	Component	Marks (Weighting)	Details
1	Composition (50 min)	40 (20%)	<ul style="list-style-type: none">Topical Composition with guiding questions OR6-picture Composition with helping words [SEAB approved dictionaries are allowed]
2	Language Use & Comprehension (1hr 40 min)	90 (45%)	Assesses Vocabulary, Grammar & Reading Comprehension skills (Dictionaries are not allowed)
3	Listening Comprehension	20 (10%)	MCQs based on varied text types
	Oral Communication	50 (25%)	Includes Reading Aloud (fluency, expression) and Video-based Conversation (articulating thoughts on a given video clip)
OVERALL		200 (100%)	



P6 HIGHER MOTHER TONGUE

School Values: Kindness, Integrity, Resilience, Responsibility, Creativity

PAPER	Component	Marks (Weighting)	Details
1	Composition (50 min)	40 (40%)	<ul style="list-style-type: none">• Topical Composition with given scenario OR• Continuous Writing [SEAB approved dictionaries are allowed]
2	Language Use & Comprehension (1hr 20 min)	60 (60%)	Assesses Vocabulary, Grammar & Reading Comprehension skills (Dictionaries are not allowed)
OVERALL		100 (100%)	

Grading

Distinction: 80 – 100 marks

Merit: 65 – 79 marks

Pass: 50 – 64 marks



P6 FOUNDATION MOTHER TONGUE

School Values: Kindness, Integrity, Resilience, Responsibility, Creativity

PAPER	Component	Marks (Weighting)	Details
1	Language Use & Comprehension (40 min)	15 (15%)	Assesses Vocabulary, Grammar & Reading comprehension skills (Dictionaries are not allowed)
2	Oral Communication	55 (55%)	Includes Reading Aloud (fluency, expression) and Video-based Conversation (articulating thoughts on a given video clip)
3	Listening Comprehension	30 (30%)	MCQs based on varied text types
OVERALL		100 (100%)	



Partnering Parent/Guardian to Support the Child/Ward

School Values: Kindness, Integrity, Resilience, Responsibility, Creativity

Partnering You

- We will:
 - Inform you of your child's/ward's progress
 - Provide ideas and suggestions to support your child's/ward's learning, where necessary
 - **Do communicate with our teachers as they are more than willing** to share strategies to engage your child/ward in MTL learning at home in a fun and meaningful manner.



Partnering Parent/Guardian to Support the Child/Ward

School Values: Kindness, Integrity, Resilience, Responsibility, Creativity

Partnering You

- Speak to your child in MTL whenever possible
- Show interest in your child's MTL learning journey
- Learn with your child, learn from your child
- Have regular conversations with your child about his/her experience in class
- Use a variety of resources, e.g. physical and digital resources to extend your child's language and literacy skills in MTL
- Encourage and accompany your child to read books or watch suitable TV programmes in MTL
- Provide a print-rich environment – visit the library regularly, set up a reading corner at home

Partnering Parent/Guardian to Support the Child/Ward



School Values: Kindness, Integrity, Resilience, Responsibility, Creativity

Do

- Believe that your child can learn and wants to learn
- Encourage your child to learn MTL
- Praise your child for his/her good effort and progress
- Set incremental and achievable goals with your child
- Communicate with the school teacher regularly on your child's progress at home

Avoid

- Placing excessive attention on marks
- Making comparison between your child and other children's achievement
- Doing school work for your child
- Giving impression that MTL is not important



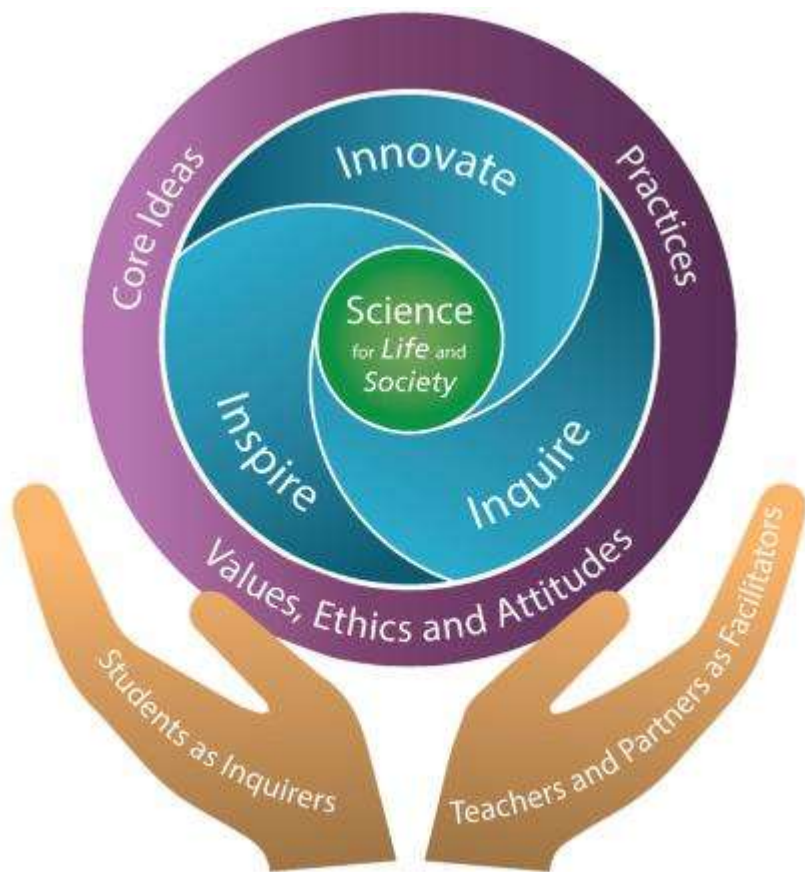
Science

Primary 6



Science Curriculum Framework

School Values: Kindness, Integrity, Resilience, Responsibility, Creativity



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Overview of the Syllabus

Levels	P3	P4	P5	P6
Themes	Diversity . Cycles . Systems . Interactions . Energy			
Topics	<ul style="list-style-type: none"> • Diversity of living and non-living things (General characteristics and classification) • Diversity of materials • Cycles in plants and animals (Life cycles) • Interaction of forces (Magnets) 	<ul style="list-style-type: none"> • Cycles in matter and water (Matter) • Human system (Digestive system) • Plant system (Plant parts and functions) • Energy forms and uses (Light) • Energy forms and uses (Heat) 	<ul style="list-style-type: none"> • Cycles in matter and water (Water) • Cycles in plants and animals (Reproduction) • Plant system (Respiratory and circulatory systems) • Human system (Respiratory and circulatory systems) • Electrical system 	<ul style="list-style-type: none"> • Energy forms and uses (Photosynthesis) • <u>Energy conversion</u> • Interaction of forces (Frictional force, gravitational force, <u>elastic spring force</u>) • Interactions within the environment

Note: Underlined topics are not required in the Foundation Science Syllabus



Science – Weighted Assessment

School Values: Kindness, Integrity, Resilience, Responsibility, Creativity

Section	Item type	Number of questions	Number of marks per question	Marks
A	Multiple – choice	8	2	16
B	Open-ended	3-4	2-5	14



Examination Format - Standard

School Values: Kindness, Integrity, Resilience, Responsibility, Creativity

Booklet	Item type	Number of questions	Number of marks per question	Marks
A	Multiple – choice	30	2	60
B	Open-ended	10-11	2-5	40

**Candidates are required to answer all the questions in the two booklets in one setting.
The duration of the paper is 1 hour 45 minutes.**



Examination Format - Foundation

School Values: Kindness, Integrity, Resilience, Responsibility, Creativity

Booklet	Item type	Number of questions	Number of marks per question	Marks
A	Multiple – choice	20	2	40
B	Structured Open-ended	9-11	2 – 4	30

A list of helping words will be given.

Candidates are required to answer all the questions in the two booklets in one setting.

The duration of the paper is 1 hour 15 minutes.



Answering Open-Ended Questions

School Values: Kindness, Integrity, Resilience, Responsibility, Creativity

- Read and identify the key information given in the question
- Identify the topic that is tested
- Identify the concept assessed under the topic
- Link the concept to the context given in the question.



Use of Key Words

School Values: Kindness, Integrity, Resilience, Responsibility, Creativity

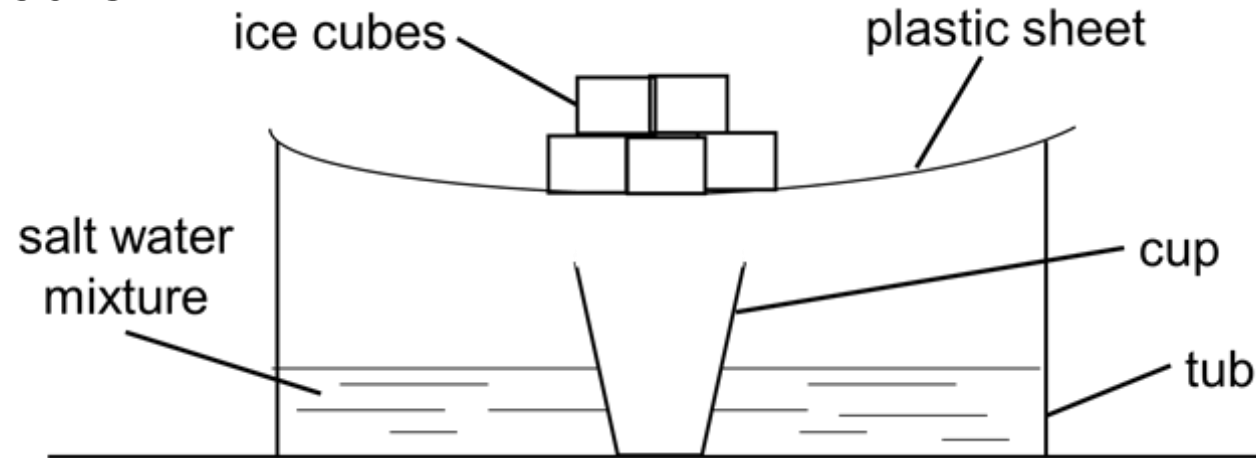
- Marks are not awarded just based on keywords.
- The mark allocation in Science is based on the following:
 - the accurate usage of concepts
 - link to the context of the problem posed
 - whether the response is complete



Example

School Values: Kindness, Integrity, Resilience, Responsibility, Creativity

Samson used the following set-up to obtain pure water from the salt water mixture for two hours.



Explain how he could use the set-up to obtain the pure water in the cup after two hours. (2m)

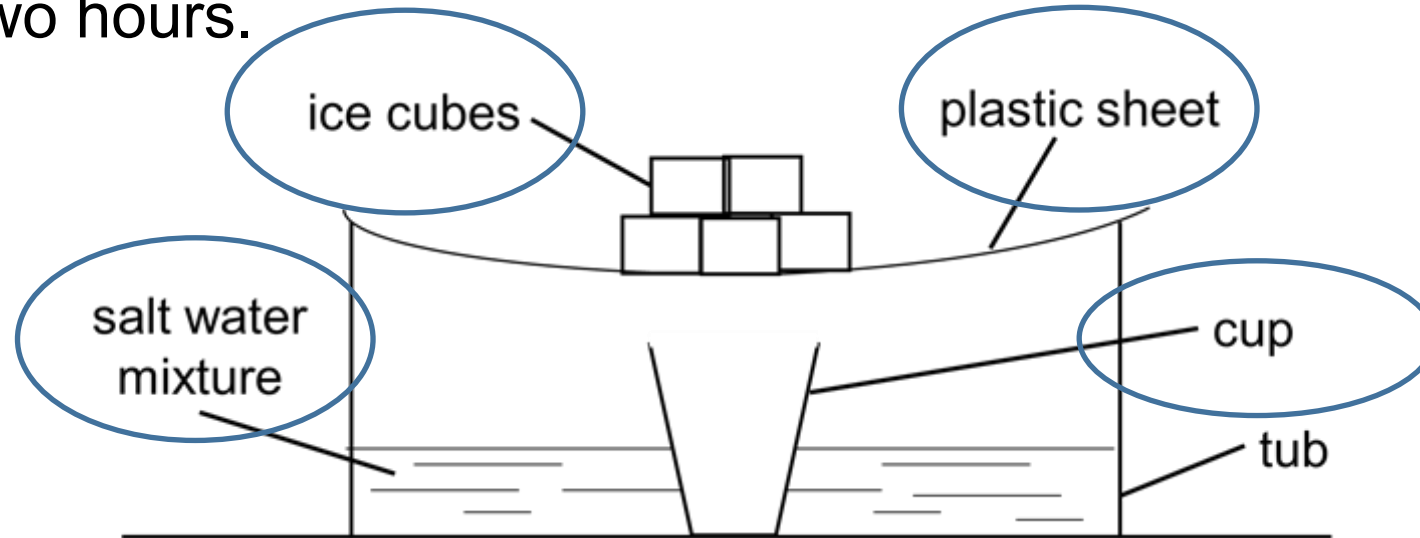
*The salt water evaporates and **condenses** to form pure water in the cup.*



Example

School Values: Kindness, Integrity, Resilience, Responsibility, Creativity

Samson used the following set-up to obtain pure water from the salt water mixture for two hours.



Explain how he could use the set-up to obtain the pure water in the cup after two hours. (2m)



Suggested Answer

School Values: Kindness, Integrity, Resilience, Responsibility, Creativity

Water from the salt water mixture **will gain heat from the surroundings** in the tub and **evaporate into water vapour**. (1m)

The water vapour will then **lose heat to the cooler surface of the plastic sheet** and **condense into water droplets** which will drip into the cup. (1m)

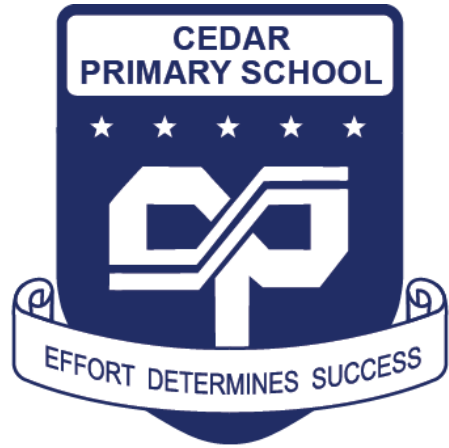


Parents as Partners

School Values: Kindness, Integrity, Resilience, Responsibility, Creativity

- Supporting the child's progress
- Sustain curiosity and interest in the subject





Thank You
