



MOTHER TONGUE LANGUAGES

Primary 3

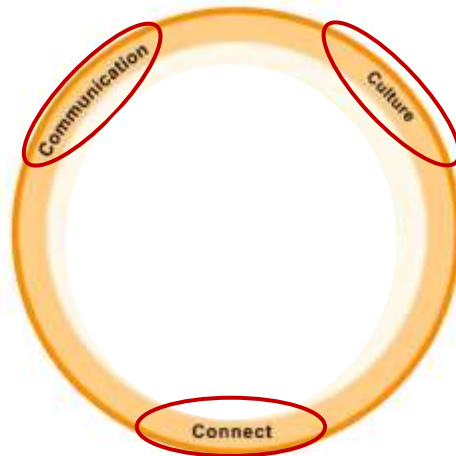
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Purpose & Objectives of Learning MTL

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



Six Language Skills:

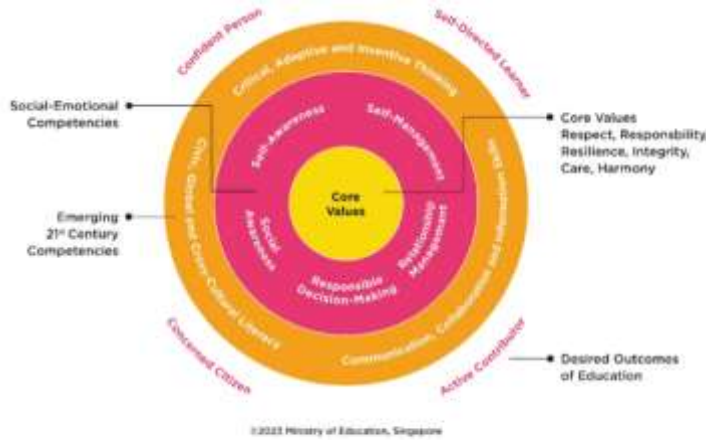
- Listening and Reading Skills
- Speaking and Writing Skills
- Spoken Interaction and Written Interaction Skills

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Learning MTL Develops 21st Century Competencies

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



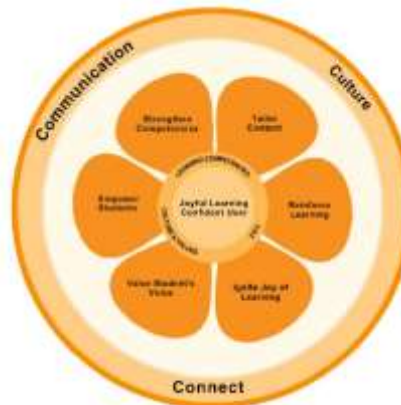
Framework for 21CC and Student Outcomes.

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MOE's Primary MTL Curriculum

School Values: Kindness, Integrity, Resilience, Responsibility, Creativity
 "Joyful Learning, Confident User"



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P3 MTL Weighted Assessment

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

Term	Component	Marks (Weighting)	Details
1	Language Use & Comprehension	30 (10%)	Multiple Choice Questions, Cloze Passage and Comprehension OE
2	Picture Composition Writing (40 min)	15 (15%)	4-Picture Composition with helping words [Dictionaries not allowed]
3	Language Use & Comprehension	30 (15%)	Multiple Choice Questions, Cloze Passage and Comprehension OE
4	End-of-Year Examination	100 (60%)	Next slide

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P3 MTL End-of-Year Examination

Paper	Component	Marks	Details
1	Picture Composition Writing (40 min)	15 (15%)	4-Picture Composition with helping words [Dictionaries not allowed]
2	Language Use & Comprehension (1 hr)	45 (45%)	Multiple Choice Questions, Cloze Passage and Comprehension OE [Dictionaries not allowed]
3	Listening Comprehension (about 20 min)	10 (10%)	10 Multiple Choice Questions
4	Oral Communication	30 (30%)	- Reading Aloud - Picture Conversation
TOTAL		100	

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Parent-School Partnership

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



Inform you of your child's/ward's progress regularly

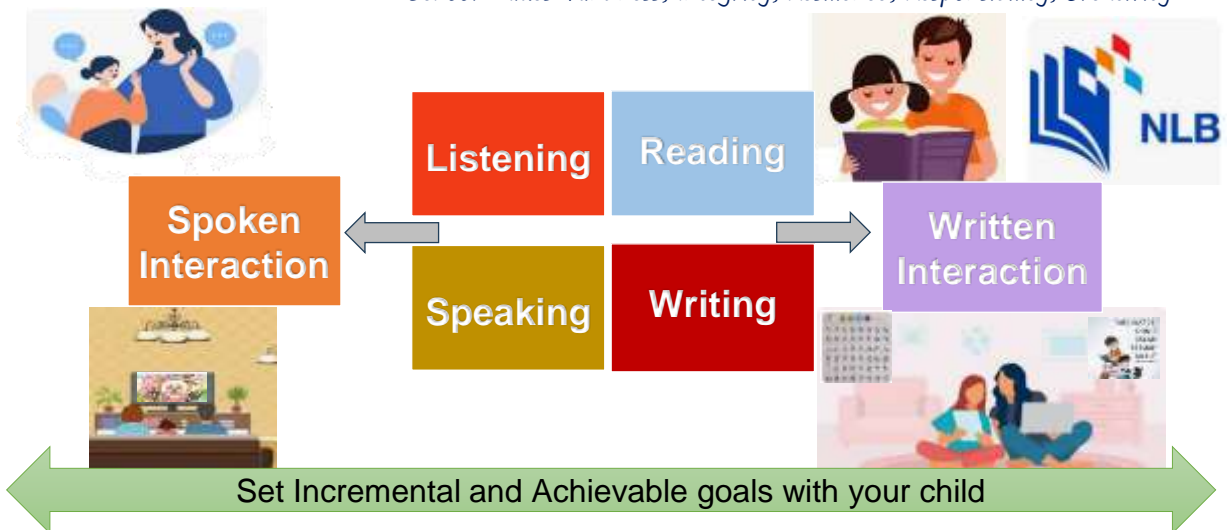
Provide ideas and suggestions to support your child's/ward's learning, where necessary

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Tips for Parents and Guardians

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



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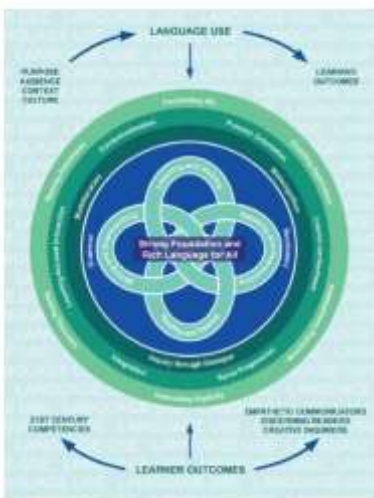
ENGLISH LANGUAGE

PRIMARY 3

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Areas of Language Learning



- Listening & Viewing

- Reading & Viewing

- Speaking & Representing

- Writing & Representing

- Grammar

- Vocabulary

} Input

} Output

– Structure

– Words of a language

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An overview

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

Language Learning Area	STELLAR (National Curriculum)	School-based Curriculum
Reading & Viewing	<ul style="list-style-type: none"> Supported Reading <ul style="list-style-type: none"> - KWL - Questioning Extensive Reading 	<ul style="list-style-type: none"> Library Structured Reading Programme (SRP) Newspaper-reading (Mini Red Dot) Oral Communication Package
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 (3-4 entries per term) Mini Red Dot Reflections (Journal)
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 <u>meaningful context</u> using STELLAR readers 	
Vocabulary	Text-Based Approach : Big Books /STELLAR Readers	

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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

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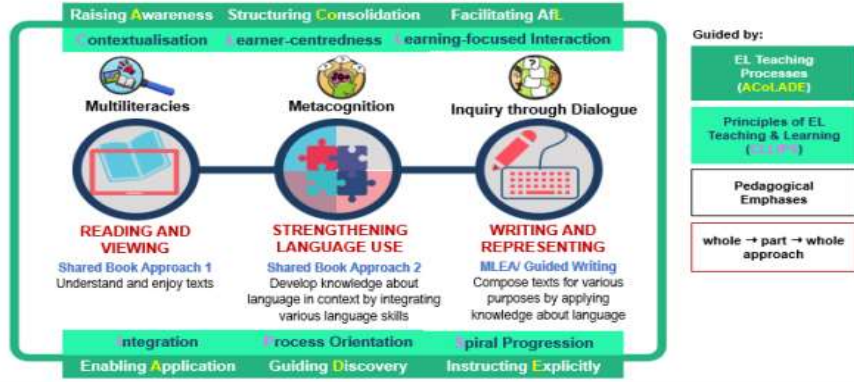


Lower Primary STELLAR 2.0 (P1 to P3a)

The STELLAR 2.0 Pedagogic Framework



Language Learning in the Lower Primary STELLAR 2.0 Classroom

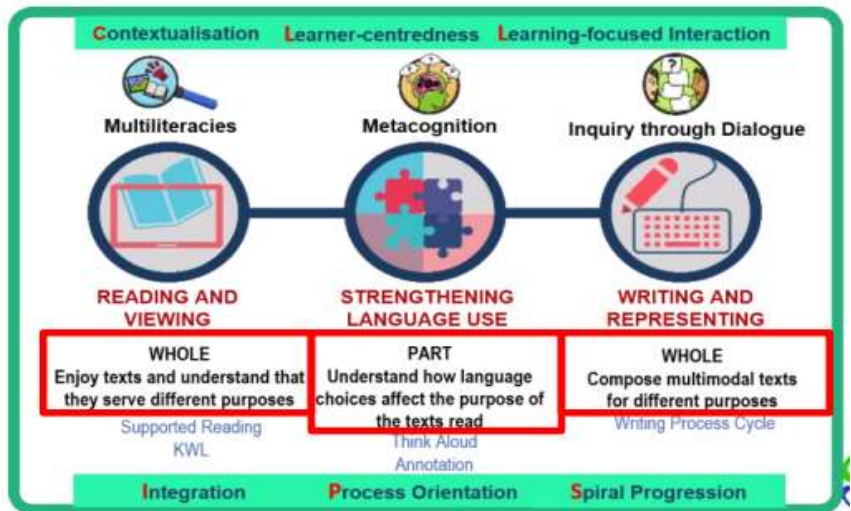


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P3b to P6 STELLAR 2.0

STELLAR 2.0 Pedagogic Framework (P3b to P6)



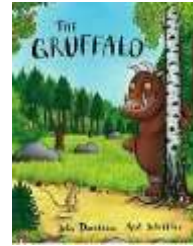
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Reading – Shared Book Approach (Primary 3a)

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

- Model fluent reading
- Text directionality by gliding pointer under each word as teacher reads
- Discuss the text through questioning
- Encourage students to think critically
- Make connections with what students know (i.e., text-to-self [T-S], text-to-text [T-T], text-to-world [T-W]) to what they read



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Reading- STELLAR readers (Primary 3b)

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

- Supported Reading
 - KWL (Non- fiction text)
 - Questioning (fiction text)
- Comprehend the text through questioning
- Encourage students to ask questions as they read
- Make text-to-self [T-S] connections to understand what is said in the text



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KWL – Tool for Supported Reading

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Reading (Extensive Reading)

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

- 1 period each week

Extensive Reading Activities

- | | |
|---|--|
| 1 | Select from various print, non-print and digital networked sources <ul style="list-style-type: none"> - age-appropriate - multicultural texts - achieve different purposes for reading and viewing (e.g. magazines and newspaper) |
| 2 | identify and study characters and their actions |
| 3 | Respond to text <ul style="list-style-type: none"> - Reflection - Rating the book - Sharing opinion |

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Writing

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

Writing Process Cycle (WPC)

- Class Writing → Group Writing → Individual Writing

Individual Writing

- **P.O.E.M** approach:
 - P**urpose
 - O**rganisation
 - E**laboration
 - M**echanics

Cedar Primary School
POEMS Rubrics

Name of Writer: _____

Levels	Purpose	Organisation	Elaboration	Mechanics	Meaning
Level 4	<ul style="list-style-type: none"> You have written on the topic. You have used at least one of the activities to develop your story. Your story is interesting. 	<ul style="list-style-type: none"> Your story is easy to follow. There is only good sequencing and linking of ideas. 	<ul style="list-style-type: none"> You have elaborated your ideas well. 	<ul style="list-style-type: none"> You are able to write with fluency and review in sentence structure, grammar, spelling and punctuation. 	<ul style="list-style-type: none"> Your story is interesting and creative.
Level 3	<ul style="list-style-type: none"> You have written on the topic. You have used at least one of the activities to develop your story. Your story is simple. 	<ul style="list-style-type: none"> There is a gap in the flow of your story but you still understand it. There is good sequencing and linking of ideas. 	<ul style="list-style-type: none"> Only some of your ideas are developed. 	<ul style="list-style-type: none"> You make some errors in sentence structure, grammar, spelling and punctuation. 	<ul style="list-style-type: none"> You write beyond the lines of writing in your assessment.
Level 2	<ul style="list-style-type: none"> You have used the activities to develop your story. Your story is confusing. 	<ul style="list-style-type: none"> There are many gaps in the flow of your story. There is some attempt to sequence and link the ideas in your story. 	<ul style="list-style-type: none"> Your ideas are mostly not developed. 	<ul style="list-style-type: none"> You make a lot of errors in sentence structure, grammar, spelling and punctuation, making it hard to read. 	<ul style="list-style-type: none"> There is limited content and a few instances of using words.
Level 1	<ul style="list-style-type: none"> You have not addressed the topic. You have not used the activities to develop your story. Your story is very confusing. 	<ul style="list-style-type: none"> I don't understand how things happen in your story. You have not sequenced and linked the ideas in your story. 	<ul style="list-style-type: none"> Your ideas are not developed. 	<ul style="list-style-type: none"> You have made many errors in sentence structure, grammar, spelling and punctuation, making it very difficult to understand your story. 	<ul style="list-style-type: none"> The reader of your story will not understand it.
Overall Remarks					

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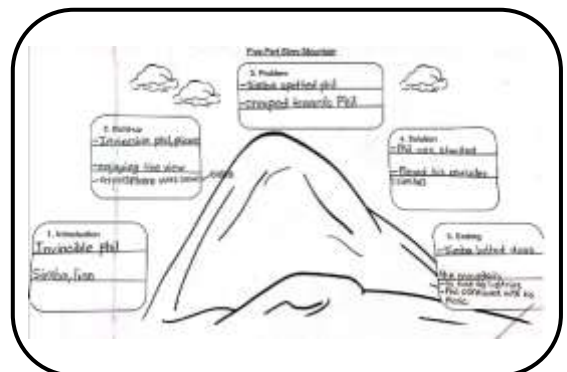
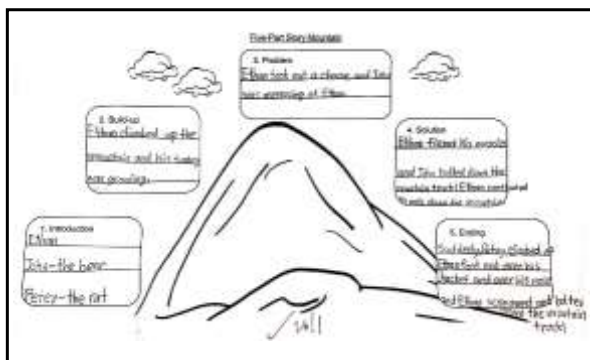


Writing (Planning- Story Mountain)

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

Group Work

Individual Work



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Journal Writing



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

- Weekly/Fortnightly submission
- Free expression based on a given topic/guiding questions
- Do not correct any language errors
- Current affairs reflections (Mini Red Dot)

To encourage expression and creativity

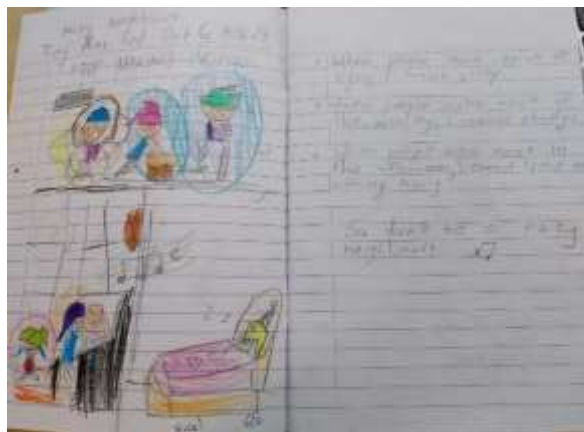


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Current Affairs Reflections (Mini Red Dot)

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



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Other Programmes & Activities

- Structured Reading Programme (Fortnightly)
- Library Period (Fortnightly)
- Library Programme (On-going)
 - Super Readers Programme
 - Thematic displays
 - Free Access activities
- Current Affairs: Mini Red Dot [Monthly]
- READ@CPS
- Internal & External language programmes/competitions
- Partnership with NLB



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Students' Resources

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

- Blue File (EL Worksheets)
- White File (Writing)
- STELLAR Worksheets
- EL Worksheets (exam format)
- Student Learning Space (SLS)
- Exercise Book (Journal)

Cedar Primary School English Language	
	Unit 1
STELLAR Fearless Phil	
Name: _____	
Class: Primary 3 _____	

Cedar Primary School English Language	
	Unit 2
STELLAR The Gruffalo	
Name: _____	
Class: Primary 3 _____	

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Weighted Assessment Format

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

Term	Component	Marks (Weighting)	Details
1	Oral Communication	16 (10%)	Performance Task
2	Writing	20 (15%)	- A topic with pictures, prompts and helping words -> 120 words - Planning - 55 min
3	<ul style="list-style-type: none"> Listening Comprehension Language Use & Comprehension 	30 (15%)	- Listening Comprehension <ul style="list-style-type: none"> Picture Sequencing Note-taking Language Use and Comprehension <ul style="list-style-type: none"> Section A –MCQ questions (Grammar & Vocabulary) Section B – Grammar Cloze & Comprehension OE
4	End-of-Year Examination	100 (60%)	Next slide

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End-of-Year Examination

Paper	Component	Marks	Details
1	Writing	20	- A topic with pictures, prompts and helping words -> 120 words - 50 min
2	Language Use & Comprehension	50	- Booklet A –MCQ questions (Grammar, Vocabulary & Visual Text) - Booklet B – Grammar Cloze, Sentence Combining & Comprehension OE -1h 15min
3	Listening Comprehension	14	- Picture Matching - Picture Sequencing - Note-taking - Comprehension MCQ - About 20 min
4	Oral Communication	16	- Reading Aloud - Stimulus- Based Conversation
TOTAL		100	

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Tips for Parents & Guardians

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



- Choose materials (books/magazines/movies) together with your child
- Read and watch movies together
- Explore different genres with your child
- Build vocabulary - actively take note of new vocabulary (words & phrases)
- Communicate using Standard English
- Listen to English radio stations / songs
- Provide authentic learning experiences
- Focus on child's interests
- Build confidence

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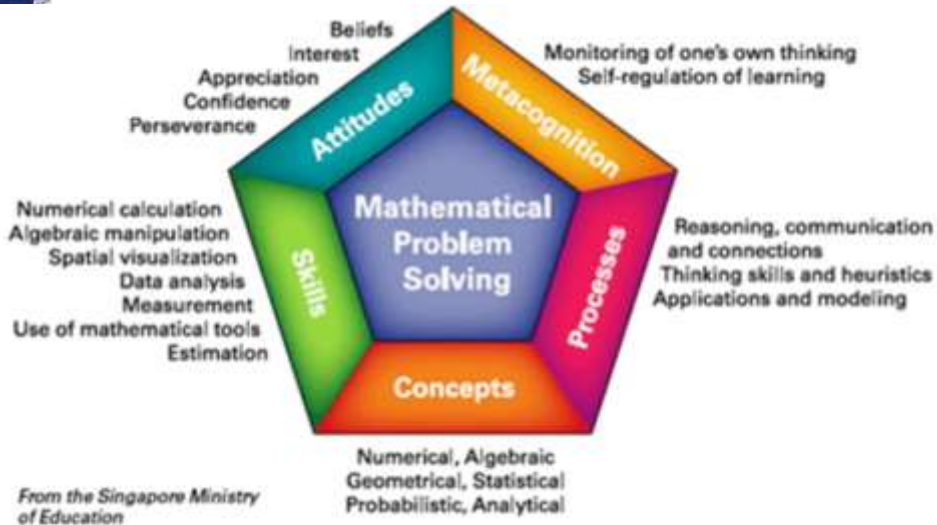
MATHEMATICS

Primary 3

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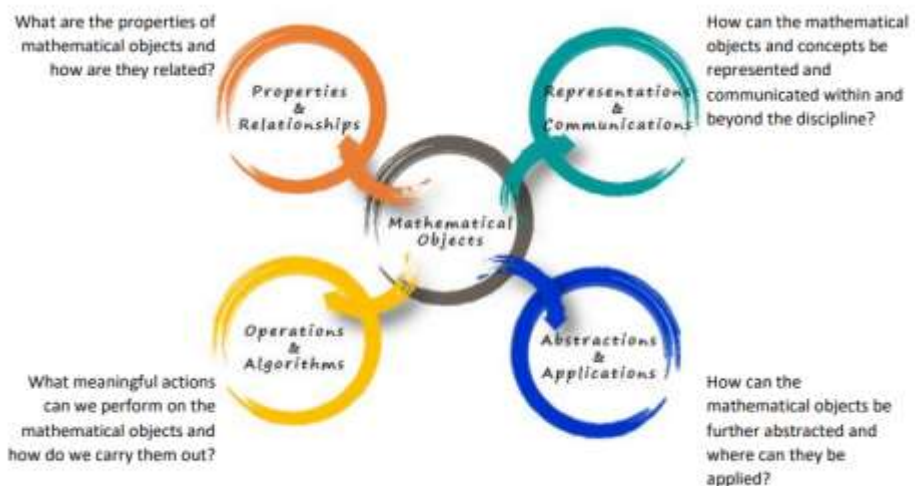
MOE Mathematics Framework



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THEMES & BIG IDEAS



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P3 Mathematics Curriculum

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

- ✓ Follows a **spiral progression** in building up content across the levels
- ✓ Lays a **strong foundation** for students to acquire **mathematical concepts and skills** for everyday use
- ✓ Develops **thinking, reasoning, communication, application** and **metacognitive skills** – supports the development of **21st century competencies**
- ✓ Builds **confidence** and foster **interest** in Mathematics

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Key Focus Areas

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

- ✓ Develop critical mathematical processes that support the development of **emerging 21st century competencies**.
- ✓ Develop **metacognition** to promote self-directed learning and reflection.

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Emerging 21st Century Competencies

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

- ✓ Solve word problems
- ✓ Make decisions
- ✓ Justify claims
- ✓ Derive different strategies

- ✓ Solve real-life problems such as savings, GST, postage rates



- ✓ Discuss / Share how to solve the problem
- ✓ Collaborate with one another
- ✓ Use Math vocabulary

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Metacognition

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

- ✓ Thinking about thinking
- ✓ Think about **why** a chosen approach is used to solve a problem
- ✓ Make **thinking audible or visible** by communicating what is being thought or how the problem is approached



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Processes & Metacognition

S

STUDY the problem

- Read the problem and highlight the key information
- What do I know? What do I need to find out?
Can I retell the problem in my own words?

O

ORGANISE details and think of a plan

- Look at the information given and come up with a plan
- How would I solve this problem? Which heuristic can I use?
Have I come across a similar problem before?

A

ACT out the plan

- Solve the problem by carrying out the plan
- Are my equations written clearly and systematically? Is there another way to solve this problem if my plan does not work?

R

REFLECT on your solution

- Check your work
- Does my answer make sense? Is my answer reasonable? Are the correct units written? Is there an alternative method?



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Skills & Concepts

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

- ✓ **Application of concept** learnt
- ✓ **Make sense** of what has been taught in class
- ✓ Relevance to **real life**
- ✓ **Math talk**



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Skills & Concepts – Learning Experiences

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



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Skills & Concepts – Use of Mathematics Notebook



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



1 FEBRUARY 2024
 The difference between two numbers is 100.
 The smaller number is between 90 and 100.
 List all the possible pairs of numbers.

Smaller Number	Greater Number	Difference
91	191	100
92	192	100
93	193	100
94	194	100
95	195	100
96	196	100
97	197	100
98	198	100
99	199	100

My lunch for two days

Item given	Food I want	Cost of food	I have spent	I have left
Day 1	Menu of restaurant: <u>WINGS</u> <u>GRIFFS</u> <u>CHIPS</u>	$\frac{100}{100}$ $\frac{100}{100}$ $\frac{100}{100}$	\$9.00	\$0.00
Day 2	Menu of restaurant: <u>WINGS</u> <u>GRIFFS</u> <u>CHIPS</u>	$\frac{100}{100}$ $\frac{100}{100}$ $\frac{100}{100}$	\$27.50	\$6.00
		Total		\$6.00

Do I really enjoy any of the food you have chosen? (1) why you like it and (2) what you know about the food (e.g. where it came from)?
 Q1 I like the wings because it's crunchy and very tasty.
 Q2 I like the food because I have a very nice texture.

What are you going to do with the left over money (change)?
 I will buy fruit and snacks with it.

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Skills & Concepts – Use of Mathematics Notebook



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

100 Math challenge - Number Patterns - 100

$$\begin{array}{r} 14410 \\ 211016 \\ \hline \end{array}$$

$$\begin{array}{r} 21110 \\ 211016 \\ \hline \end{array}$$

$$\begin{array}{r} 111110 \\ 211016 \\ \hline \end{array}$$

$$\begin{array}{r} 111110 \\ 211016 \\ \hline \end{array}$$

- The digit 6 is in the ones place for all the numbers.
- The digit 2 is in the thousand place for all the numbers.
- The digit 0 is in the tens place for all the numbers.
- The second number in the pattern has digit 8 in the hundreds place.
- The last number in the pattern has digit 5 in the hundreds.

challenge your mind

1. A grasshopper has 6 legs. How many legs are there if there are 4 grasshoppers?

Checking: $6 \times 4 = 24$

2. A spider has 8 legs. How many legs are there if there are 5 spiders?

Checking: $8 \times 5 = 40$

100 Math Challenge

- $510 = 50$
- $87 = 54$
- $100 = 32$
- $10 \times 7 = 70$
- $9 \times 8 = 72$
- $6 \times 6 = 36$
- $2 \times 8 = 16$
- $7 \times 7 = 49$
- $9 \times 9 = 27$

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Primary 3 Mathematics Syllabus

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

Content	
Whole Numbers up to 10 000 / Four Operations / Fractions / Money	Numbers
Length, Mass & Volume / Area and Perimeter / Angles / Time / Perpendicular & Parallel Lines	Measurement & Geometry
Bar Graphs	Statistics

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Assessment

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

1) Formative Assessment

- Authentic Learning
- Learning Experiences (Activities to simulate real-life experiences)
- Topical Reviews in Math Practice Book
- Whiteboarding

Assessment information to better support learning needs and close gaps.

2) Bite-sized Class tests

3) End-of-Year Semestral Assessment (50 marks)

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Supporting Your Child in Learning

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

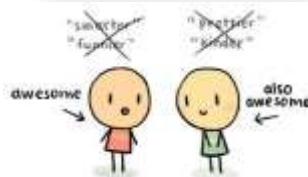
Attendance

Active Participation

Attitude

Focus. Self-Discipline. Effort Determines Success

Achievement



- * Create routines
- * Communicate & Encourage
- * Celebrate improvement



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Practice makes Perfect?

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

Practice makes permanence.



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'Unity' by Cleo V. Swarat

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

I dreamed I stood in a studio
 And watched two sculptors there,
 The clay they used was a young child's mind
 And they fashioned it with care.
 One was a teacher:
 the tools she used were books and music and art;
 One was a parent
 With a guiding hand and gentle loving heart.
 And when at last their work was done,
 They were proud of what they had wrought.
 For the things they had worked into the child
 Could never be sold or bought!
 And each agreed she would have failed
 if she had worked alone.
*For behind the parent stood the school,
 and behind the teacher stood the home!*

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Science

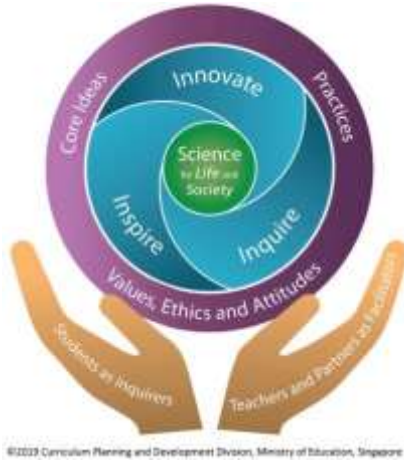
Primary 3

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Science Curriculum Framework

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



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Inspiring Science Lessons

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



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Positive Learning Experiences

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



Making learning
purposeful and
relevant



Students are happy
and motivated!



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P3 Topics

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

Term	Topics
1	Diversity of Living and Non-Living things Classification of Living Things
2	Diversity of Materials
3	Properties of Magnets Making and Using Magnets
4	Life Cycles of Plants Life Cycle of Animals

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Science – End of the Year Assessment

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

Booklet	Item type	Number of questions	Number of marks per question	Marks
A	Multiple – choice	21	2	42
B	Open-ended	9-10	2-4	33

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Helping Your Child/Ward to Enjoy Science

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

- Exploring Science doing experiments and using videos:

<https://www.scientificamerican.com/section.cfm?id=bring-science-home>

<https://www.bbc.co.uk/education/subjects/z2pfb9q>

<https://www.sciencekids.co.nz/>

- Learning Science Through Questioning

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Learning Science through Stories

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

- Choose Stories that Interest your children
 - human organ systems
 - animals such as penguins and polar bears
 - Inventors

- Discuss the Science/Value Education behind the Stories

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Exploring Science Outdoors with your child/ward

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

- Explore the outdoors at Nature Parks/Reserves/local attractions:
 - Fort Canning Park
 - Hort Park
 - Jurong Lake Gardens
 - Singapore Botanic Gardens
 - Sungei Buloh Wetland Reserves
 - Chek Jawa
 - Jurong Bird Park
 - Singapore Zoo
 - Marina Barrage

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Thank You!
