

P2 English Language and Mathematics Subject Information for Parents



Primary 2

EL Curriculum and Expectations

Parents' Engagement Session

EL Syllabus 2020

Desired Learner Outcomes

Empathetic Communicator

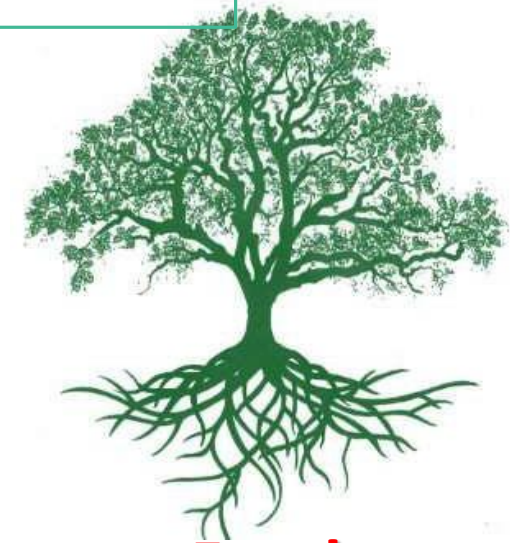
offer more opportunities for students to discuss issues, listen to different perspectives and develop their own opinions.

Creative Inquirer

encourage students to explore ideas, concepts and areas of interest and promote the joy of learning.

encourage students to read widely and process information critically so as to distinguish fact from falsehoods.

Discerning Reader



**Stronger Fundamentals
Future Learning**



English language learning is progressive.

P1	P2	P3 – P4	P5 – P6
Write a simple paragraph of at least 3 sentences to recount appropriately sequenced events.	Write a simple paragraph of at least 3 sentences to recount appropriately sequenced events.	Write a composition of at least 120 words in continuous prose on a given topic. Three pictures will be provided on the topic.	<p>Write a short functional piece (e.g. letter, email, report) to suit the purpose, audience and context of a given situation.</p> <p>Write a composition of at least 150 words in continuous prose on a given topic. Three pictures will be provided on the topic offering different angles of interpretation.</p>



EVERY STUDENT, AN ENGAGED LEARNER

We teach through	More...
<ul style="list-style-type: none">• Engaging pedagogies that promote inquiry and deepen understanding	<ul style="list-style-type: none">• Guiding, facilitating and asking of searching questions
<ul style="list-style-type: none">• Approaches that cater to students' diverse needs	<ul style="list-style-type: none">• Differentiated instruction
<ul style="list-style-type: none">• Authentic learning experiences	<ul style="list-style-type: none">• Real-life applications
<ul style="list-style-type: none">• Learner-centred and balanced assessment	<ul style="list-style-type: none">• Reflective practice

P2 Level Focus

SPEAKING & LISTENING

- Participate respectfully in discussion by upholding agreed-upon rules of exchange.
- Speak and represent with confidence, coherence and cohesion
- Listen attentively to extract relevant information

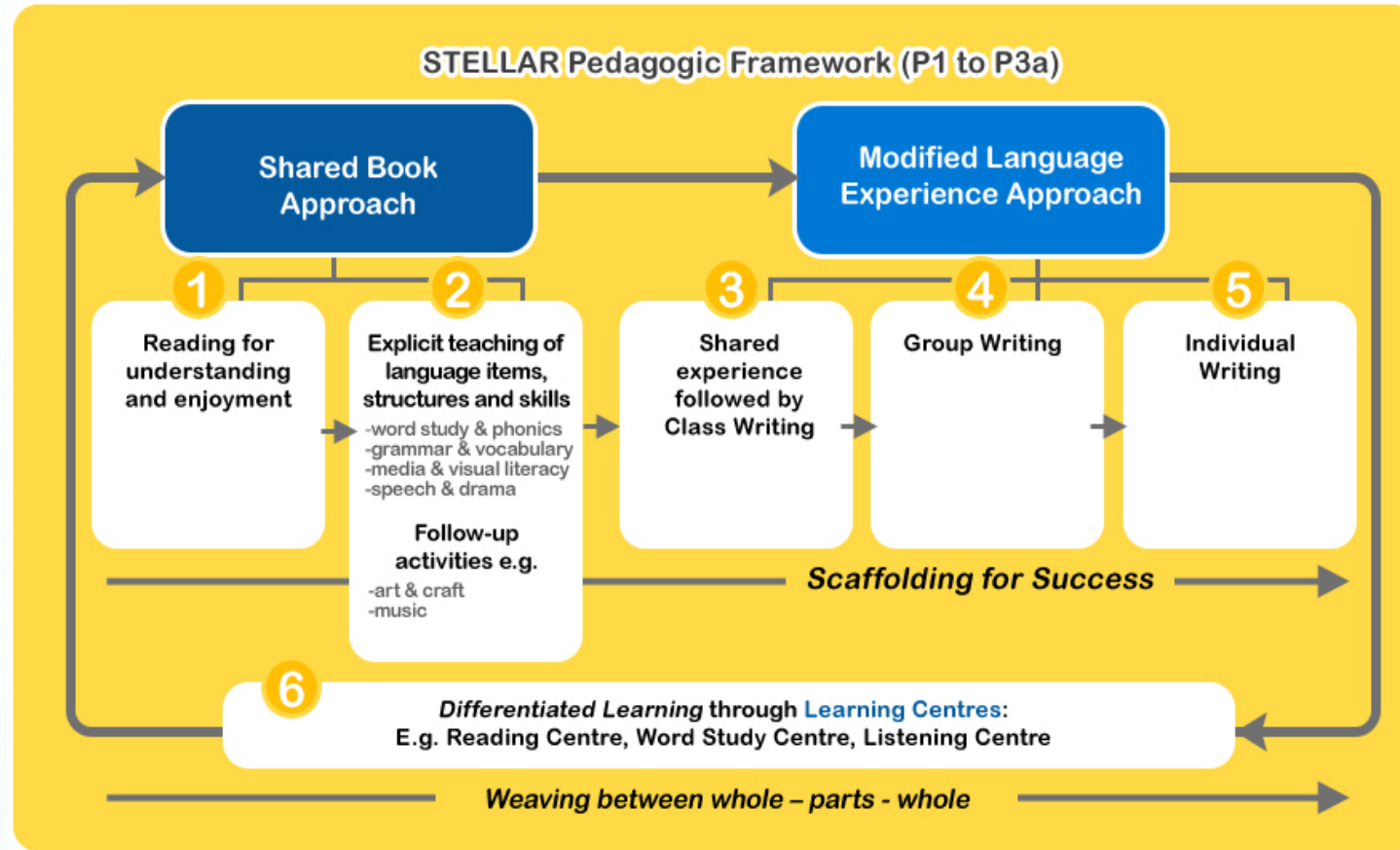
READING

- identify text structures and language features used to describe characters, settings and events
- read texts that contain varied sentence structures, some unfamiliar vocabulary, a significant number of high-frequency sight words
- identify literal and implied meaning, main ideas and supporting detail
- make connections between texts by comparing content

WRITING

- Develop writing readiness and write in print script.
- Apply spelling skills and strategies accurately for writing age-/year level appropriate words.
- Learn to write and represent by generating, selecting, organising, developing, expressing and revising ideas.

How We Teach English



School-based Assessment

No weighted assessment from 2019,
including year-end exams for P2

Rationale

- ✓ Inculcating greater joy of learning
- ✓ Reducing over-emphasis of academic results
- ✓ Nurturing lifelong learners with stronger intrinsic motivation to learn



Learning Outcomes in Holistic Development Profile DP (EL)

Listening

1. Listen attentively and identify relevant information.

Speaking

2. Speak clearly to express their thoughts, feelings and ideas.

3. Build on others' ideas in the conversations or discussions respectfully.

Reading

4. Read multi-syllabic words accurately.

5. Read aloud Primary 2 texts (e.g. STELLAR texts) with accuracy, fluency and expression.

6. Understand Primary 2 texts and are able to identify the big ideas in the texts and recall sequence of main events.

Writing

7. Apply basic spelling strategies using knowledge about phonic elements and spelling rules.

8. Write short paragraphs to recount appropriately sequenced events, describe details, and use tenses and connectors accurately.

Qualitative Descriptors

Approaching Expectations
Meeting Expectations
Exceeding Expectations

P1 & P2

Use qualitative descriptors to report students' learning in all subjects.

P2 Students' Learning Progress

- use subject-specific learning outcomes (LOs) and qualitative descriptors to report P2 students' learning progress

Examples:

Learning Outcome	Qualitative Descriptor
Read P2 texts aloud with accuracy, fluency and expression	Approaching Expectations, Meeting Expectations, Exceeding Expectations

Guiding Principle

- To achieve a holistic understanding of your child's progress, information will be gathered from **multiple sources** (e.g. observations of students' behaviour or responses in class discussions, students' submitted work)
- **Examples:** *performance tasks, weekly spelling exercises, handwriting exercises, Shared Book reading in class, partner/group discussions, writing assignments, learning worksheets*

P2 Students' Learning Progress Documentation



Partnering Parents



Promoting the Joy of Reading at Home

- Reading for pleasure is strongly related to reading performance.
- Positive relationship between exposure to reading resources, e.g., having ready access to books, and students' reading habits and dispositions.



How parents can help to support their children's learning of EL?

Role model –
reading at home,
going to library.

Talk to your child
about what he/she
is reading.



Share what you
have read with
your child.

Place many books,
magazines and
newspapers visibly
around your home.

How parents can help to support their children's learning of EL?

Make a NLB library card.

Cultivate a reading habit. Go to the library together.



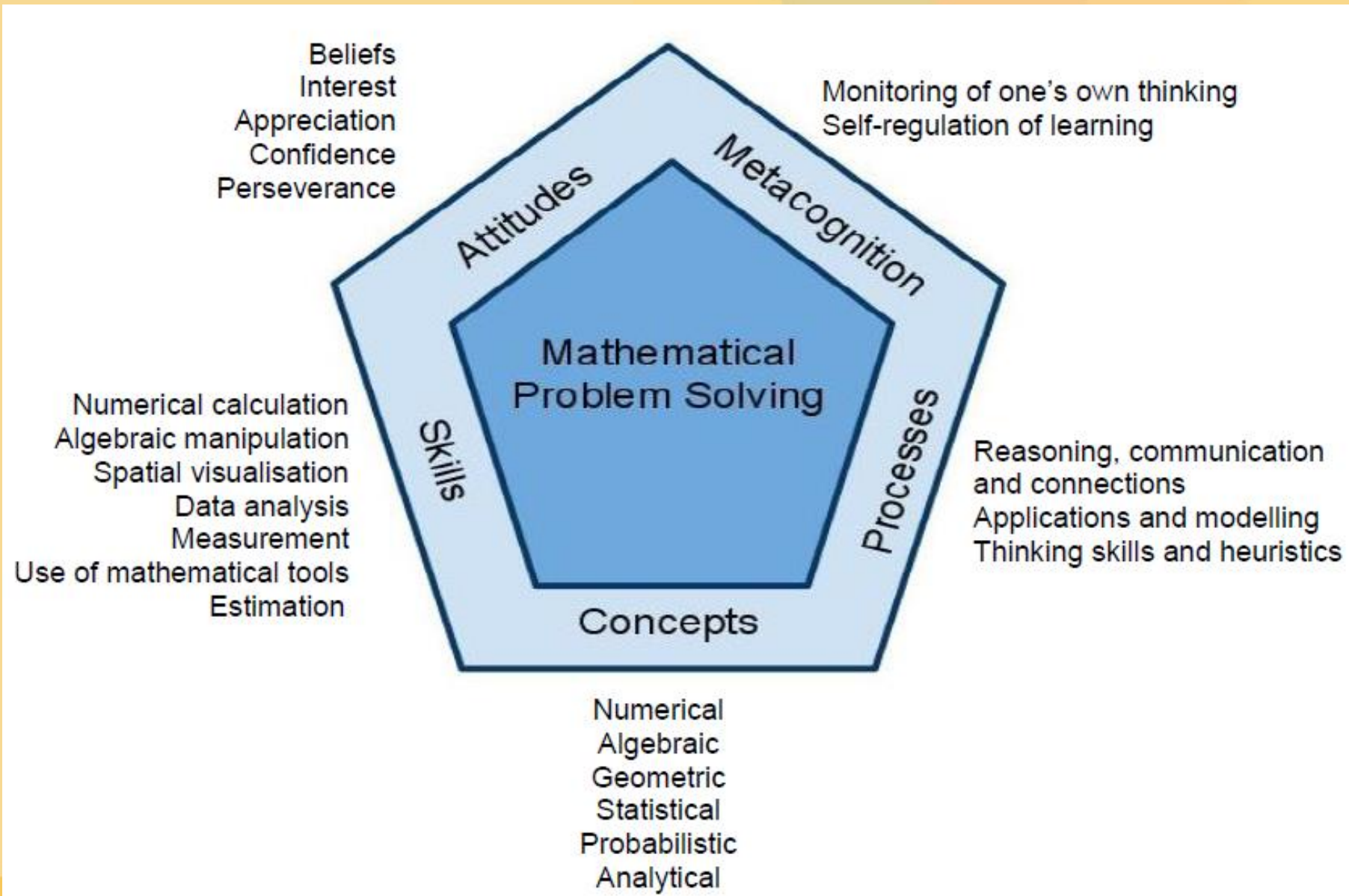
Help your child in his or her reading homework.

Make sure children bring books for silent reading.

P2

Mathematics

MOE Mathematics Curriculum Framework



Spiral Mathematics Curriculum

Primary 1	Primary 2 & 3	Primary 4	Primary 5	Primary 6
Whole Numbers	Whole Numbers	Whole Numbers	Whole Numbers	Whole Numbers
Measurement	Measurement	Measurement	Measurement	Measurement
Geometry	Geometry	Geometry	Geometry	Geometry
Data representation & interpretation	Data representation & interpretation	Data representation & interpretation	Data representation & interpretation	Data representation & interpretation
Money	Money	Decimal	Decimal	Decimal
	Fractions	Fractions	Fractions	Fractions
			Percentage	Percentage
			Ratio	Ratio
			Rate	Speed
				Algebra

Aims of Primary Mathematics Education

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.
- Build confidence and foster interest in mathematics.

Content Strands in Mathematics Syllabus

Number & Algebra	Measurement & Geometry	Statistics
<ul style="list-style-type: none">• Whole Numbers• Fractions• Decimals• Percentage• Ratio• Rate and Speed• Algebra	<ul style="list-style-type: none">• Measurement<ul style="list-style-type: none">○ Length, Mass and Volume (of Liquid)○ Time• Area and Volume<ul style="list-style-type: none">○ Area and Perimeter○ Volume of Cube and Cuboid○ Circles• Geometry<ul style="list-style-type: none">○ Angles○ Triangles○ Quadrilaterals○ Nets	<ul style="list-style-type: none">• Data Representation and Interpretation<ul style="list-style-type: none">○ Tables, Bar Graphs and Line Graphs○ Pie Charts• Data Analysis<ul style="list-style-type: none">○ Average

P2 Mathematics Topics

2A Topics

Whole Numbers

- Numbers up to 1000
- Addition and Subtraction
- Multiplication and Division

Measurement

- Length and Mass

3B Topics

Fractions

- Fraction of a whole
- Addition and Subtraction

Geometry

- 2D and 3D shapes

Measurement

- Time
- Volume

Money

Data Representation and Interpretation

- Picture Graphs with Scales

P2 Mathematics Learning Outcomes

LO1 – Understand numbers up to thousand

LO2 – Solve mathematical problems involving addition and subtraction

LO3 – Multiply and divide numbers within multiplication tables

LO4 – Identify, name, describe and sort shapes and objects

LO5 – Tell time to 5 minutes.

LO6 – Compare and order objects by length, mass or volume

LO7 – Read and interpret picture graphs with scales.

LO8 – Understand fractions

P2 Level Focus

Concepts	<p>Develop a good understanding of whole number concepts</p> <ul style="list-style-type: none">• Concept of place value• Concepts of multiplication and division (grouping and sharing) <p>Develop a good foundation of fraction concepts</p>
Skills	<p>Acquire procedural fluency for addition and subtraction</p> <p>Acquire factual fluency for multiplication and division</p> <p>Acquire proficiency in use of mathematical tools for measurement</p>
Processes	<p>Apply mathematical reasoning and communication</p> <p>Acquire proficiency in making comparisons</p> <p>Develop a basic understanding of model method in problem solving [Part-whole, comparison]</p>
Attitudes	<p>Develop the Interest and confidence in learning Mathematics</p>
Metacognition	<p>Develop from 'Tacit' learners to 'Aware' learners</p> <ul style="list-style-type: none">• 'Tacit' learners are unaware of their metacognitive knowledge. They do not think about any particular strategies for learning and merely accept if they know something or not.• 'Aware' learners know about some of the kinds of thinking that they do – generating ideas, finding evidence, etc. – but thinking is not necessarily deliberate or planned.

Teaching Approach



- Concrete-Pictorial-Abstract (CPA) approach
- Lessons involve **hands-on activities** with the **use of concrete manipulatives** and **pictorial representations** to help students create meaning of **abstract concepts**.

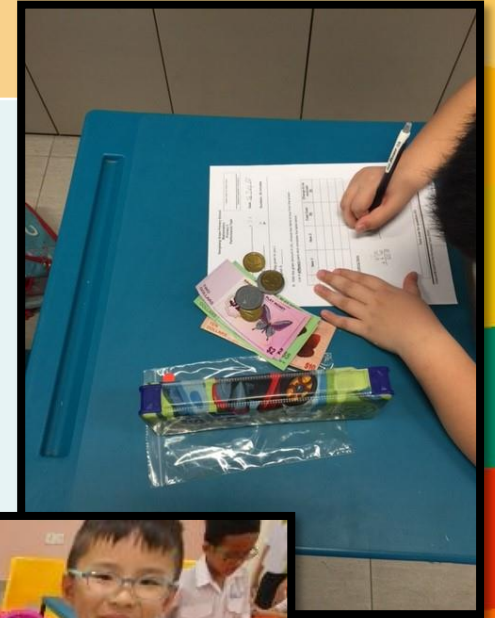
Resources

- Targeting Math Textbook and Workbook
- Math Worksheets
- Process Skills Booklet 1 and 2
- Math Notebook
- Math Black File
- Student Learning Space (SLS)

Knowing your child's progress

Day to day

- Learning activities
- Questioning and Feedback
- Mental / Speed Sums
- Maths Practices, e.g. workbook exercises, topical worksheets



Term 1 to Term 4

- Mastery Quiz
- Review exercises
- Performance Task
- Maths Journal



How do we support your child...

- Engage your child in meaningful activities to explore and learn mathematical concepts and skills, individually or in groups
- Teach application of various heuristics to solve problems
- Practise good time management and presentation of solutions
- Consolidate and revise concepts and key topics

Parents as partners-in-education

- Work and communicate closely with your child's Maths Teacher
- Inculcate positive work habits and attitudes, e.g. Practise daily. Remind your child to show proper and detailed working steps and to check for accuracy
- Ensure that your child has the necessary writing and mathematical tools, e.g. 2B pencil and ruler.
- Follow up on homework. If your child has difficulty with his/her homework, do not be too quick to provide the answers but guide him/her with questions and indicate on the homework 'assisted' or 'guided'.
- Relate Maths to everyday life, e.g. Is the height of the table longer or shorter than one metre?
- Play mathematical games / puzzles
- Provide a positive environment – encourage and praise your child's effort

Thank you.