

THE LEARNING LAB



CORE PROGRAMMES

PRIMARY 1 & 2

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To sign up for our Primary Core Programmes:
Please email enrollment@thelearninglab.com.sg
or contact our service hotline at 6733 8711

Dear Parent,

Over the past 20 years, our goal at The Learning Lab has always been to not only nurture the love of learning, but to also help your child achieve academic success in school and beyond.

We are here to lend our support and guidance at every stage of your child's learning journey, helping him or her to develop the knowledge, skills and dispositions needed to tackle challenges faced both in school and in life.

With dedicated curriculum experts and highly trained teachers, we help your child build a strong foundation in reading, writing and communicating, in strategic thinking and problem-solving, as well as essential techniques and skills to achieve success at key examination milestones. We are also committed to helping your child develop positive learning attitudes and habits.

With the ever-evolving education landscape, we continuously strive to make advancements to our programmes to ensure that our lessons are engaging and effective in meeting your child's learning needs.

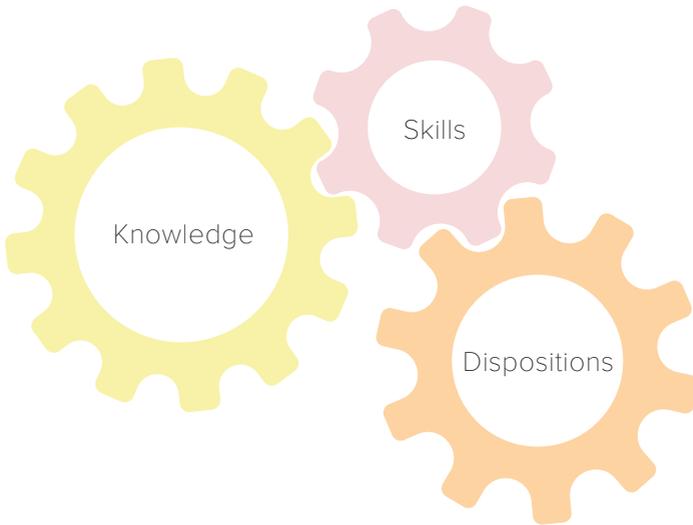
As you explore this programme booklet, discover the breadth and depth of a curriculum that does not just make learning engaging, but also enables your child to demonstrate progress and growth while attaining academic excellence.

We look forward to being part of your child's learning journey.

Welcome to The Learning Lab.

A Teaching and Learning Model that Puts Your Child First

Your child's rich and meaningful learning journey begins with us. In our classrooms, we create learning experiences that empower and motivate. We believe that academic growth and success in school, and beyond, are built on a strong foundation of knowledge, skills and dispositions.



Knowledge

To help your child achieve each milestone in his or her learning journey, we equip your child with the concepts and knowledge needed to tackle tasks and exams in school with confidence. Besides building a strong foundation in content mastery, we further stimulate your child's intellectual curiosity by drawing connections with what is learnt in school to real-world phenomena.



Skills

With The Learning Lab's teaching methodology and curriculum, your child will develop the necessary skills such as critical thinking, analytical and evaluative skills, to help him or her successfully address all types of academic challenges at school. A strong focus on task and error analysis, problem-solving strategies as well as communication skills means that your child will become a more confident, engaged and articulate thinker — a learner who is able to present what he or she knows and strive for improvement.

Dispositions

Your child's education at TLL is about nurturing his or her whole person. Our programmes recognise the importance of helping your child develop positive attitudes, habits and mindsets towards learning as a journey, whether in the classroom or beyond. He or she will develop self-awareness and a growth mindset — understanding his or her strengths and weaknesses, seeing mistakes or setbacks as opportunities for progress, and planning the next stage of success with an open mind.

Our Curriculum and Teaching Team

Our dedicated curriculum team of over 40 specialists and teachers help forge meaningful learning journeys for your child through the creation of bespoke lesson materials that are designed to motivate and enthuse your child. We believe learning is optimal when children are motivated and engaged. Our lesson materials excite and inspire, and are designed to build the knowledge and skills necessary for school success.

Our TLL teachers are also the best that your child can have. They are caring and passionate individuals who always strive to give their very best in class. As knowledgeable experts that focus on deep subject knowledge and pedagogical know-how, TLL teachers guide your child through the intricacies of the required exam syllabus using our renowned in-house tailor-made curriculum.



Our Promise

Our materials are prepared with your child's best interests in mind. We provide your child with lessons that not only help your child become invested in his or her learning journey, but also encourage him or her to take charge of it.



Nurturing the Love of Learning

These two elements run through all our lesson materials:

- Sparking interest even when the topics are abstract or studying has elements of drill and practice
- Making connections with the real world so that our students can see the relevance of what they are learning



Attaining Academic Excellence

Our students achieve academic excellence through our teaching methods and curriculum which focus on nurturing:

- deep understanding of the topics
- strong analytical and problem-solving skills that help students in answering any question in tests and exams



Achieving Student Progress and Growth

At The Learning Lab, every child's growth and progress is important to us:

- Our curriculum introduces topics and skills progressively, revisiting and weaving deep threads of learning.
- Our teachers check on your child's progress throughout the term through in-class activities, end-of-lesson exit tickets as well as more rigorous mock tests.
- Personalised feedback is provided to parents about their child, identifying key challenges and strengths.

Our Three Learning Goals for Your Child's Success

Helping your child to find success in learning stems from giving him or her the confidence to enjoy the learning journey and to face challenges with the right skills and attitudes.

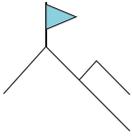


Grow What You Know

Developing Knowledge for the Classroom and Beyond

Learning is not only about getting your child school and exam-ready but it is also about preparing for what lies beyond the classroom.

Our curriculum has the breadth and depth to help your child achieve this — with comprehensive lesson materials such as notes, practice papers and interactive games that strengthen areas requiring attention while exposing them to real-world contexts.



Show What You Know

Applying the Knowledge and Skills Learnt

When your child is aware of their thought processes, he or she is able to refine their thinking and problem-solving skills to overcome problems in class or in life.

By equipping your child with a wide range of problem-solving strategies and techniques, he or she learns how to analyse questions, understand the success criteria and know which methods to use to solve the different problems they will be dealt with.

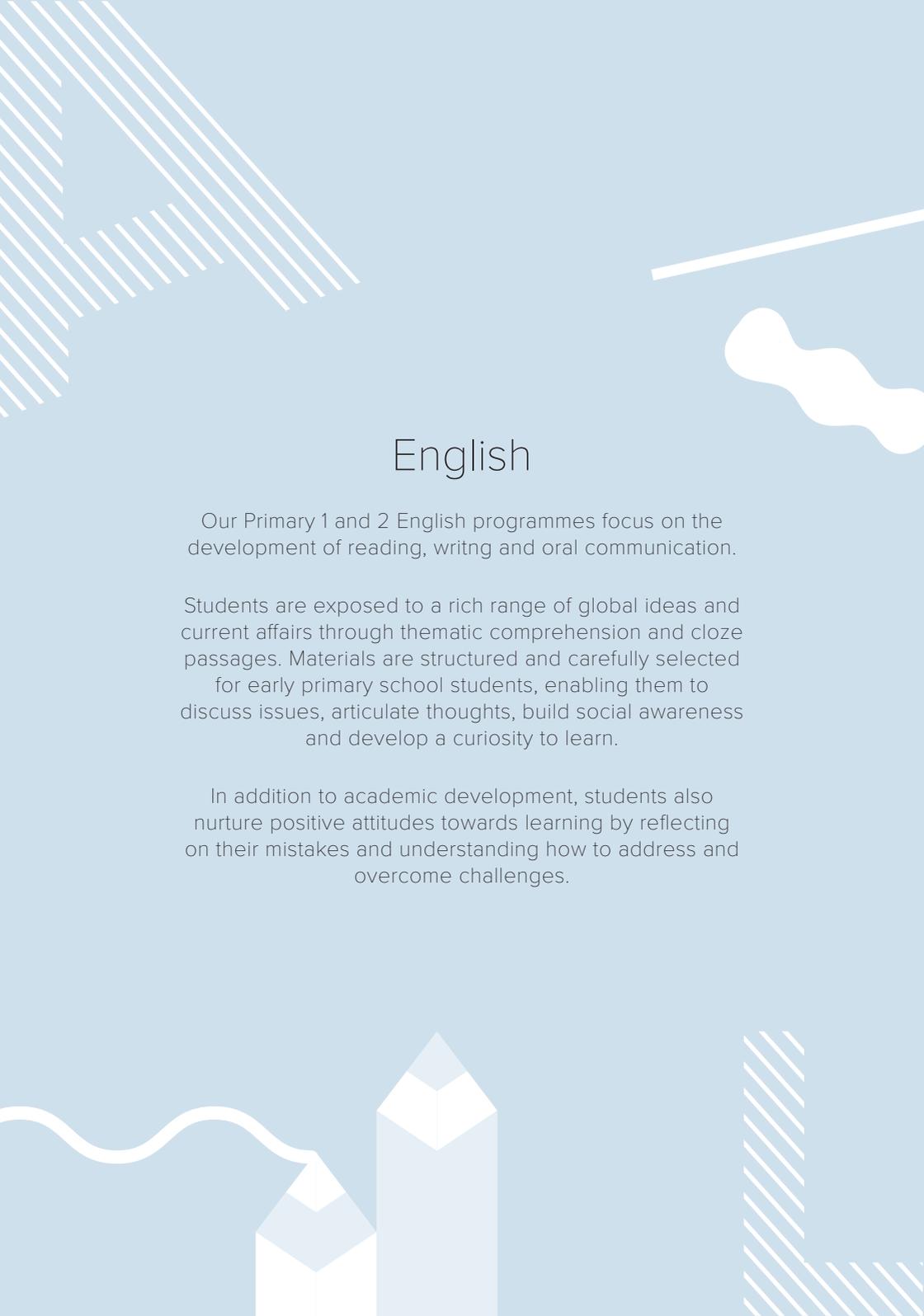


Present What You Know

Be Your Best Self

We teach our students how to master answering techniques that allow them to address questions accurately. Using the right phrasing and terminology, they learn how to craft precise and coherent answers.

Our teachers continually reinforce good habits and techniques of answering questions accurately and comprehensively so that your child grows in confidence and realises his or her personal best, again and again.



English

Our Primary 1 and 2 English programmes focus on the development of reading, writing and oral communication.

Students are exposed to a rich range of global ideas and current affairs through thematic comprehension and cloze passages. Materials are structured and carefully selected for early primary school students, enabling them to discuss issues, articulate thoughts, build social awareness and develop a curiosity to learn.

In addition to academic development, students also nurture positive attitudes towards learning by reflecting on their mistakes and understanding how to address and overcome challenges.

Primary 1 and 2 Curriculum

The Primary 1 and 2 programmes help students develop strong foundations for academic excellence in reading comprehension, writing and speaking, as well as grammar fundamentals and vocabulary.

Students learn how to systematically identify the main features of a text and learn simple techniques to respond confidently to comprehension questions. Students learn how to craft strong narrative plots, use a variety of techniques in their writing and learn and practise good grammar and vocabulary.

Writing

- Strengthen writing skills through:
 - mastering word order and sentence construction
 - the use of effective grammar to improve expression through the use of conjunctions, adjectives and adverbs
 - the use of TLL's writing framework when crafting a narrative using appropriate text structures and basic techniques such as dialogue and show-not-tell
 - frequent writing practices with emphasis on proper sentence construction, logical sequencing and literary techniques
 - analysis of scaffolded responses to learn from models of good writing
 - exposure to different literary genres such as poetry and emails to write effectively for different purposes

Reading

- Develop an interest in reading through:
 - access to a curated book collection (in-house TLL Library for P1 and online library for P2) including genres like Fantasy, Humour and Mystery
 - in-house written passages featuring global ideas
- Build critical thinking and comprehension skills through:
 - TLL’s reading framework and skills-based modules including:
 - identification of the main features of a text
 - analysis of comprehension question requirements
 - how to locate information in a text to answer questions
 - phrasing of answers
 - media studies

Vocabulary

- Expand vocabulary through exposure to new words in context to weekly materials

Speaking and Listening

- Strengthen public speaking skills through:
 - individual presentation lessons with the teacher’s guidance
- Develop effective communication skills through:
 - teacher and peer evaluation
- Strengthen oral communication skills through:
 - oral conversation practices in groups or on an individual basis with teacher feedback

Grammar

- Build a good foundation in grammar through:
 - instructional modules with clear explanations and examples covering foundational grammar concepts (parts of speech, articles, simple tenses)
 - revision practices and online learning activities

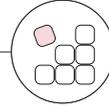
Key features of our Primary 1 and 2 English programmes:

Exposure: Grow What You Know



Specially Curated Materials

- In-house written passages that are pitched to students' interests and reading ability
- Comprehensive in-house developed guided notes with specific skills and steps for key examinable language components



Active Learning

- Questioning techniques to help students engage in and explore topics.
- Interactive online games and quizzes that help students check on understanding and reinforce learning



Applied Learning

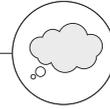
- Introduction of exciting topics to students, like places of interests and developments around the world so that they are more engaged and are able to develop content knowledge

Analysis and Strategy: Show What You Know



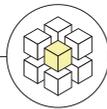
Question Analysis

- Methods to systematically analyse and annotate question requirements
- Analysis of visual texts to answer comprehension questions



Memory Techniques

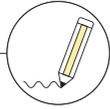
- Easy to remember mnemonics to recall steps and skills taught



Problem-Solving Strategies

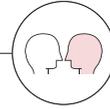
- Teaching of brainstorming techniques to select and develop unique and engaging storylines
- Reading Comprehension:
 - Highlight key words
 - Identify clues and feelings of characters and character relationships
 - Write answers clearly

Answering Technique: Present What You Know



Answering Techniques

- Reference to mnemonics to check on accuracy and clarity of answers
- Detailed scaffolded, sample answers that are analysed to help students with precision of answers



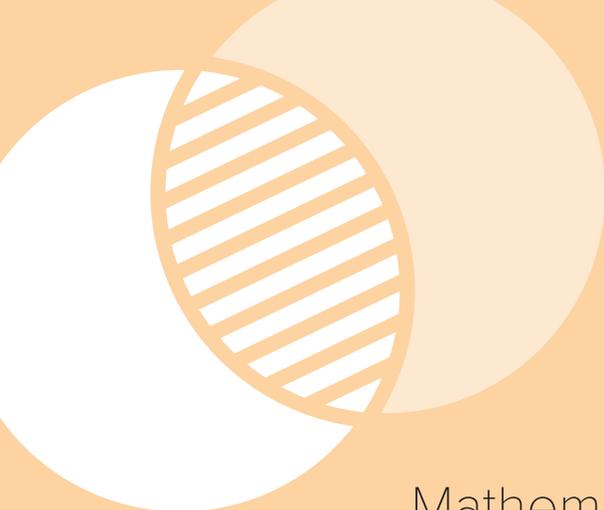
Metacognition

- Error analysis of answers to reinforce expectations of good answers
- Feedback and discussion on common mistakes so that similar pitfalls can be identified and avoided
- Inktrailing as a way to analyse questions and make learning more effective



Performance Excellence

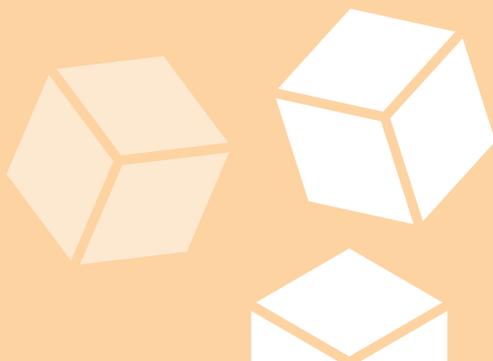
- Formative assessment through testing using topical tests to provide ongoing feedback
- Practice tests to simulate test conditions to prepare for assessment in Primary 3



Mathematics

Our Primary 1 and 2 programmes focus on helping students build a strong foundation of fundamental mathematical concepts and techniques that will help students understand more abstract concepts at Primary 3 and up. Students will learn through interactive activities such as quizzes, games and puzzles as well as the use of concrete manipulatives and pictorial aids to visualise abstract concepts better.

A key feature of our programme is the explicit teaching of heuristics in problem-solving. Rather than teach the mechanical application of formulae, our programme emphasises deep conceptual understanding so that students are able to identify concepts, and select and apply the correct methods to successfully solve all types of questions, including non-routine and higher-order-thinking ones.



Primary 1 Curriculum

At Primary 1, students build a strong foundation in arithmetic for addition and subtraction, advancing to more challenging concepts such as reading picture graphs and solving word problems involving money transactions in dollars and cents.

In addition, emphasis will be placed on the exposure to various techniques to solve word problems and short-answer questions.

Number Bonds

- Solving for parts and wholes of a number bond

Numbers to 100

Mastering:

- number notation and place values
- comparing and ordering numbers
- forming numbers
- number patterns

Ordinal Numbers

Mastering:

- spelling and number notation
- word problems

Addition and Subtraction

Mastering:

- addition and subtraction within 100
- mental addition and subtraction within 20
- sum and difference
- word problems

Multiplication and Division

- Forming multiplication and division equations based on pictorial representation
- Grouping
- Managing word problems

Money

- Counting money in cents or dollars
- Forming an amount of money by combining coins or dollars
- Converting an amount of money from dollars to cents and vice versa
- Managing word problems

Length

- Measuring, comparing and ordering lengths in centimetres (cm)
- Measuring and drawing line segments
- Managing word problems

Picture Graphs

- Reading and interpreting data from picture graphs
- Constructing picture graphs

Time

- Telling time to 5 minutes
- Telling time using 'o' clock, 'half an hour after _ o'clock' and '_ minutes after _ o'clock'
- Sequencing time

Shapes and Patterns

- Identifying and counting the number of sides and vertices of the five basic two-dimensional (2D) shapes
- Forming shapes by cutting a figure into parts
- Classifying and grouping shapes based on their properties
- Copying a given figure onto a square or dot grid
- Completing pattern sequences

Primary 2 Curriculum

At Primary 2, the level of difficulty gradually increases as students master the multiplication tables for 2, 3, 4, 5 and 10.

They will also learn new topics such as Mass, Volume and Fractions. Additionally, students will learn to solve word problems involving Time with the technique of drawing timelines.

Numbers to 1000

Mastering:

- number notation and place values
- comparing and ordering numbers
- forming numbers
- number patterns

Addition and Subtraction

Mastering:

- addition and subtraction within 1000
- mental addition and subtraction within 100
- sum and difference
- word problems

Multiplication and Division

Mastering:

- multiplication and division within the tables of 2, 3, 4, 5 and 10
- multiplication and division up to 2 digits by 1 digit
- grouping and product
- word problems

Money

- Reading and writing in decimal notation
- Forming an amount of money by combining coins or dollars
- Forming equivalent amount of money
- Comparing amounts of money using mathematical symbols '<' and '>'
- Converting an amount of money in decimal notation to cents and vice versa
- Managing word problems

Fractions

Mastering:

- part-whole relationship of fractions
- notation and representations of fractions
- comparing and ordering fractions
- addition and subtraction of like fractions within one whole
- word problems

Length

- Measuring and comparing length in compound units (m and cm)
- Estimating length of real-life objects (m and cm)
- Converting length in compound units to the smaller unit and vice versa (m and cm)
- Managing word problems

Mass

- Measuring and comparing mass in compound units (kg and g)
- Estimating mass of real-life objects (kg and g)
- Reading scales in kilograms (kg) and grams (g)
- Converting mass in compound units to the smaller unit and vice versa (kg and g)
- Managing word problems

Volume

- Measuring and comparing volume of liquid in compound units (ℓ and mL)
- Comparing and ordering volumes in same sized and different sized containers
- Converting volume in compound units to the smaller unit and vice versa (ℓ and mL)
- Managing word problems

Picture Graphs

- Reading and interpreting data from picture graphs and tally charts
- Constructing picture graphs from given data
- Managing word problems

Time

- Telling time to the minute
- Telling time using 'minutes after'
- Expressing time in analogue format and digital format
- Telling time using 'am' and 'pm'
- Finding starting time, finishing time or duration by using a timeline
- Managing word problems

Shapes and Patterns

Mastering:

- two-dimensional shapes
- three-dimensional shapes
- straight lines and curves
- vertices and edges
- curved and flat faces
- pattern sequences

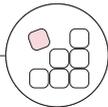
Key features of our Primary 1 and 2 Maths programmes:

Exposure: Grow What You Know



Specially Curated Materials

- Weekly worksheets that are developed in-house and contain essential notes and examples to explain key concepts and show how to solve different question types
- Exposure to a wide range of problem types including maths vocabulary/explanation and higher-order thinking problems



Active Learning

- Learning of Maths through stories, interactive activities, quizzes and puzzles
- Use of manipulatives to deepen understanding of mathematical concepts



Applied Learning

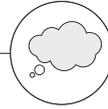
- Exposure to real-world context and learning how to apply maths to solve problems through projects and thematic revision booklets

Analysis and Strategy: Show What You Know



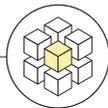
Question Analysis

- Methods to analyse questions systematically
 - Study and highlight keywords on the question
 - Draw visual diagrams to represent the problems
 - Identify topics and concepts tested



Memory Techniques

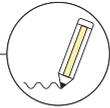
- Learn to use fun mnemonics and stories to better remember rules and concepts



Problem-Solving Strategies

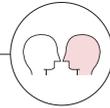
- Develop mastery of strategies for optimal problem-solving under time constraints

Answering Technique: Present What You Know



Answering Techniques

- Presentation of accurate steps with clear labels
- Identification of key marking criteria and common pitfalls to develop answer precision



Metacognition

- Error analysis handouts on how to apply systematic checking techniques to spot errors and learn how to correct them
- Inktrailing as a way of notetaking to make learning more effective



Exam Excellence

- Formative assessment through low-stakes testing using revision handouts to provide ongoing feedback
- Practice tests to simulate test conditions to prepare for assessments in Primary 3

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