MATHS OASIS PTE LTD
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Embrace Learning, Embrace Life

MATHS OASIS Y15 NOV/DEC HOLIDAY PROGRAMME HIGHLIGHTS

General Maths Proficiency Test

This 1 h 30 min MCQ test is specially designed for learners who are curious in discovering more about their mathematical inclination and the level of development of their thinking skills. By providing feedback on the learner's proficiency in different skill areas inclusive of mathematical skills, thinking skills, and adaptability to handling non-routine tasks, this test helps learners make informed choice when planning their learning activities. Primary 3 pupils and 4 pupils will write the same test. There will be another test for the Primary 5 and 6 pupils.

Syllabus-based Maths Evaluation

This 2 h 30 min evaluation, which follows the same format as the PSLE,
measures the learner's mastery of the content knowledge and skills detailed in the school maths syllabus.

- A short discussion will be included to better understand the learner's thinking processes and misconceptions, if any.
- A report detailing the learner's strengths and weaknesses, and areas of misconceptions will be provided to help the learner draw up his/her study plan with clarity.
- Only available for Primary 4(Y2015) and Primary 5(Y2015) pupils.

Pri 3 Competition Maths Introductory Course

A trial and tested programme that offers a good mix of intellectual stimulations and hands-on experiences to enhance children's sensitivity towards numbers and shapes.

Topic Coverage:

Number Sense

- Place Value, Mental Maths
- Multiples/Factors/Remainders
- Number Personalities
- Number Patterns
- Number Puzzles

Spatial Visualisation

- Shape Personalities
- Shape Patterning
- Counting Shapes
- Shapes and Fractions
- Shapes Puzzles

Suitable for:

- Primary 3(Y2016) pupils who show a strong inclination towards Maths

Maths Olympiad Triathlon (I)

Learning involves experiencing, comparing and connecting…
Maths Olympiad Triathlon offers your child a rich learning experience where he/she get to sample, compare and connect Maths Olympiad Challenges from around the world.

Topic Coverage:

- Arithmetic
- Number games and puzzles
- Shape patterns and puzzles
- Area and perimeter
- Rate and speed
- Logical reasoning

Suitable for:

- Primary 4 & 5(Y2016) pupils who are curious to experience both local and international maths competition problems.

Maths Olympiad Triathlon II

Extending from MOT I, Maths Olympiad Triathlon II further engages pupils in interesting Maths tasks from various sources (local and international competitions, classic and new recreational mathematics activities, etc) to raise their appreciation for the richness and diversity of Mathematics.

Topic Coverage:

- Arithmetic problems
- General ability questions/Brain teasers
- Spatial visualization tasks
- Word problems

Suitable for: Pupils who have attended and enjoyed MOT I.

P6 Maths Olympiad Head-start

Learning is like peeling an onion; each time we revisit an idea, we gain an added perspective and a deeper understanding of the idea. A head start in learning gives us a chance to revisit and deepen our learning.

To give your child ample time to revisit his/her learning, join us at

P6 Maths Olympiad Head-start.

Topic Coverage:

- Circles
- Algebraic manipulations & applications of algebra in problem solving
- Rate and speed
- Problem solving involving patterns of numbers and shapes.

Suitable for:

- Primary 6(Y2016) Mathletes pursuing SMOPS and other similar Maths Competitions / advanced learners aiming to gain a headstart in P6 topics such as circles, speed, etc and gain experience in applying higher order thinking skills.

Secondary 1 Preparatory Course

A bridging programme between P6 and Sec 1 Maths

Topic Coverage:

• Applications of prime factorization in finding hcf, lcm, sq roots, cube roots.
• Overview of the number system including integers, negative numbers, rational numbers and more
• Estimation and Approximation
• Formulation of algebraic expressions, algebraic manipulations and applications

Suitable for:

• Primary 6 (Y2015) pupils who aim to gain a head-start and establish links between P6 and Sec 1 Maths. Prerequisite topics for SMO-Jr Module 1.

Singapore Mathematical Olympiad Junior Module 1

A preparation course for SMO Junior Section Y2016

Topic Coverage: Basic operations, primes, divisibility, factorization, digits and numbers, last digit(s), fractions,number patterns, difference of two squares, square expansions, indices, etc

Singapore Mathematical Olympiad Senior Module 1

A preparation course for SMO Senior Section Y2016

Topic Coverage: Quadratic equations, discriminant, Vieta formulae, completing the square, absolute value(modulus), integer and fractional parts, factorial, similar triangles, indices, logarithms, etc