

MATH BUILDER

Math Builder course encourages students to focus on the core topics of arithmetics, algebra and geometry. This holistic approach to study will improve their self-confidence and independence in problem solving. As a progressive subject, at iTHINK we believe that Math students should reconcile their understanding at each level to allow them to progress efficiently and effectively. Our course offers the perfect opportunity for students to refine their skills in preparation for the following school year.

- Suitable for international school students in Grade 3-8 or Year 4-9
- Interactive teaching method that encourages proactive feedback
- Progressive study materials to enhance mathematical versatility
- Small class size not exceeding 4 students

Grade 3-4

These levels give students the opportunity to develop and strengthen their Math fundamentals including arithmetic, fractions and geometry. Perfecting these core skills gives students a strong foundation in their Mathematical studies. This allows students to solve more complex problems efficiently as their studies progress.

Grade 5-6

As students becoming more confident in their ability to solve mathematical problems, these levels introduce students to new concepts such as algebra, Pythagoras' Theorem and basic probability. Such topics lend themselves well to studying Math through solving real life problems which students will find engaging and relevant.

Grade 7-8

These levels are aimed at students who are moving towards higher level Mathematics in their studies at school. By undertaking this course, students are encouraged to remain confident Math thinkers over the summer break. Through looking at problems based on Science, Space and Finance, students have the opportunity to improve and perfect their mathematical abilities in an engaging format.

MATH BUILDER

Level	Dates	Day	Time	Code	Fees (HK\$)
G3 / Y4	22 Aug - 09 Jan (except 26 Dec)	THU	16:30 - 17:30	FT19-MB-3A	\$420 / hour 1 hour x 20 lessons
	24 Aug - 11 Jan (except 14 Sep)	SAT	09:00 - 10:00	FT19-MB-3B	
G4 / Y5	20 Aug - 07 Jan (except 1 Oct)	TUE	16:30 - 17:30	FT19-MB-4A	\$420 / hour 1 hour x 20 lessons
	24 Aug - 11 Jan (except 14 Sep)	SAT	09:00 - 10:00	FT19-MB-4B	
G5 / Y6	24 Aug - 11 Jan (except 14 Sep)	SAT	17:00 - 18:00	FT19-MB-5A	\$440 / hour 1 hour x 20 lessons
	24 Aug - 11 Jan (except 14 Sep)	SAT	10:00 - 11:00	FT19-MB-5B	
G6 / Y7	21 Aug - 15 Jan (except 25 Dec & 1 Jan)	WED	17:30 - 18:30	FT19-MB-6A	\$440 / hour 1 hour x 20 lessons
	24 Aug - 11 Jan (except 14 Sep)	SAT	16:30 - 17:30	FT19-MB-6B	
G7 / Y8	23 Aug - 03 Jan	FRI	16:30 - 18:00	FT19-MB-7A	\$460 / hour 1.5 hours x 20 lessons
	24 Aug - 11 Jan (except 14 Sep)	SAT	11:30 - 13:00	FT19-MB-7B	
G8 / Y9	22 Aug - 09 Jan (except 26 Dec)	THU	17:30 - 19:00	FT19-MB-8A	\$460 / hour 1.5 hours x 20 lessons
	24 Aug - 11 Jan (except 14 Sep)	SAT	11:00 - 12:30	FT19-MB-8B	

MATH PLUS

Why Math Plus?

Mathematics lays the groundwork for all science-based subjects. Many students fail to grasp the universality of math skills; comfort with mathematical concepts not only opens up career options, but also provides a deeper understanding of the world around us. From natural sciences like biology, chemistry and physics, to social sciences, like economics, a full understanding depends on mathematical thinking. Math is a universal tool for understanding and solving problems.

Course Structure

These courses are designed to guide students through the art of applying mathematics to analytical problem solving and furthering their critical thinking skills. They are appropriate for any students wishing to further their mathematical knowledge beyond what is taught in schools.

- Suitable for students in Grade 3-8 or Year 4 -9
- Levels I-IV (Grade 3-4 or Year 4-5); Levels V-VIII (Grade 5-6 or Year 6-7); Levels IX-XII (Grade 7-8 or Year 8-9)
- Emphasis on word-based math questions and forming methods to solve them
- Carefully guided instruction to allow students creative problem solving skills to be developed
- Comprehensive practice of a variety of new mathematical problems and concepts
- Individualized feedback and supervision by highly competent instructors
- Small class size (max. 4 students) ensures student interaction and instructor accessibility

MATH PLUS

How can this course hone your mathematical thinking skills?

We explore problem solving through areas like data processing, graphs, spatial reasoning, algebra, patterns and mathematical models. The purpose is twofold: to develop analytical problem-solving skills and broaden students' perspectives on the critical math concepts all around them.

Problems are designed to enhance contextual relevance, complexity, versatility and creativity. They are presented in a progressive structure and designed based on questions found in **Thinking Skill Assessment, International Mathematical Olympiad (IMO), UK Math challenge, American Mathematics Competitions (AMC), MAT** and other tests that require higher level thinking. They are not traditional exercises with solutions repeatable from a singular example or a standard algorithm. We encourage an open attitude toward solving problems with a creative approach: a mindset that is transferrable to areas of studies outside mathematics.

*“If a student’s first response is to decide which algorithms to use, then he or she is not solving a problem at all.”
(Frank, Baker & Herron, 1987)*

Course problems are also based on critical mathematical skills and will later focus on more advanced theories and frameworks building up to exams. For most students, understanding and applying concepts is far more important than acquiring new knowledge. Our approach is structured with this belief in mind, and the goal of this course is to help students refine their ability to apply the theories and concepts independently.

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Level	Dates	Day	Time	Code	Fees (HK\$)	
I (G3 / Y4)	22 Aug - 09 Jan (except 26 Dec)	THU	16:30 - 17:30	FT19-MT-1A	\$420 / hour 1 hour x 20 lessons	
	23 Aug - 03 Jan	FRI	16:30 - 17:30	FT19-MT-1B		
II (G3 / Y4)	22 Aug - 09 Jan (except 26 Dec)	THU	16:30 - 17:30	FT19-MT-2A		
	23 Aug - 03 Jan	FRI	16:30 - 17:30	FT19-MT-2B		
III (G4 / Y5)	21 Aug - 15 Jan (except 25 Dec & 1 Jan)	WED	17:30 - 18:30	FT19-MT-3A		
	24 Aug - 11 Jan (except 14 Sep)	SAT	16:00 - 17:00	FT19-MT-3B		
IV (G4 / Y5)	21 Aug - 15 Jan (except 25 Dec & 1 Jan)	WED	17:30 - 18:30	FT19-MT-4A		
	24 Aug - 11 Jan (except 14 Sep)	SAT	16:00 - 17:00	FT19-MT-4B		
V (G5 / Y6)	22 Aug - 09 Jan (except 26 Dec)	THU	16:30 - 17:30	FT19-MT-5A		\$440 / hour 1 hour x 20 lessons
	24 Aug - 11 Jan (except 14 Sep)	SAT	15:00 - 16:00	FT19-MT-5B		
VI (G5 / Y6)	22 Aug - 09 Jan (except 26 Dec)	THU	16:30 - 17:30	FT19-MT-6A		
	24 Aug - 11 Jan (except 14 Sep)	SAT	15:00 - 16:00	FT19-MT-6B		
VII (G6 / Y7)	20 Aug - 07 Jan (except 1 Oct)	TUE	18:00 - 19:00	FT19-MT-7A		
	23 Aug - 03 Jan	FRI	18:00 - 19:00	FT19-MT-7B		
VIII (G6 / Y7)	20 Aug - 07 Jan (except 1 Oct)	TUE	18:00 - 19:00	FT19-MT-8A		
	23 Aug - 03 Jan	FRI	18:00 - 19:00	FT19-MT-8B		
IX (G7 / Y8)	22 Aug - 09 Jan (except 26 Dec)	THU	17:30 - 18:30	FT19-MT-9A	\$460 / hour 1 hour x 20 lessons	
	21 Aug - 15 Jan (except 25 Dec & 1 Jan)	WED	16:30 - 17:30	FT19-MT-9B		
X (G7 / Y8)	22 Aug - 09 Jan (except 26 Dec)	THU	17:30 - 18:30	FT19-MT-10A		
	21 Aug - 15 Jan (except 25 Dec & 1 Jan)	WED	16:30 - 17:30	FT19-MT-10B		
XI (G8 / Y9)	19 Aug - 06 Jan (except 7 Oct)	MON	17:00 - 18:00	FT19-MT-11A		
	21 Aug - 15 Jan (except 25 Dec & 1 Jan)	WED	16:30 - 17:30	FT19-MT-11B		
XII (G8 / Y9)	19 Aug - 06 Jan (except 7 Oct)	MON	17:00 - 18:00	FT19-MT-12A		
	21 Aug - 15 Jan (except 25 Dec & 1 Jan)	WED	16:30 - 17:30	FT19-MT-12B		

STEM

Our STEM course offers students an experience of a fun and different approach to Science and Mathematics. STEM elements in our daily lives, and topics favored by children, will be discussed in each class. Students are encouraged to participate in class and personal involvement is the key aspect. Knowledge will be absorbed naturally when students come to understand how things work around us. Through experimenting, researching, deducing, understanding, and manipulating knowledge, they practice their thinking skills. Such experience will be more memorable and personal than traditional school classes.

- Suitable for students in Grade 4-8 or Year 5-9
- Level I (Grade 4-6 or Year 5-7); Level II (Grade 7-8 or Year 8-9)
- Interactive activities encourage creative and critical thinking
- Individualized feedback and supervision by highly competent instructors
- Small class size between 2 to 5 students

Level I (Grade 4-6 or Year 5-7)

This level provides students with basic scientific knowledge that is needed for academic science topics, for example the introduction of force, atoms and energy. Interesting puzzle-like material allows diffusion of knowledge that is more flexible than school classes. Students are encouraged to make wild guesses and learn to refine them, which is a precursor to the scientific method.

Level II (Grade 7-8 or Year 8-9)

This higher level introduces the scientific method, more focus on critical thinking, and even more space for students to formulate their own ideas. Students are encouraged to behave like a scientist, where the goal is not regurgitation of knowledge but rather to seek one's own answer. Students will make use of basic scientific knowledge to make predictions, and to acquire advanced knowledge in due course.

STEM

Level	Dates	Day	Time	Code	Fees (HK\$)
I (G4-6/Y5-7)	02 Sep - 23 Sep	MON	16:30 - 18:00	FT19-STEM-1A	\$380 / hour 1.5 hours x 4 lessons
	14 Oct - 04 Nov			FT19-STEM-1B	
	11 Nov- 2 Dec			FT19-STEM-1C	
	09 Dec - 30 Dec			FT19-STEM-1D	
II (G7-8/Y8-9)	06 Sep - 27 Sep	FRI	16:30 - 18:00	FT19-STEM-2A	\$400 /hour 1.5 hours x 4 lessons
	04 Oct - 25 Oct			FT19-STEM-2B	
	01 Nov- 22 Nov			FT19-STEM-2C	
	29 Nov - 20 Dec			FT19-STEM-2D	

BUNDLE OFFERS AVAILABLE!

2019 FALL TERM COURSES

PRE IGCSE SCIENCE

Our Pre IGCSE Science course prepare Year 8 and 9 students for the start of their IGCSE curriculum. Designed by experienced Science tutors who also teach IGCSE and IB Diploma students, the course introduces Science by the segregation into its 3 component subjects – Physics, Chemistry and Biology. It bridges the gap between learning as an integrated science subject and the three separate components. Throughout the course students will be able to acquire new scientific knowledge and enhance their logical and critical thinking processes. The course aims to act as a springboard for students who are interested in Science and it helps them to pave way for success in their future IGCSE exams.

- Suitable for students in Grade 7-8 or Year 8-9
- Essential foundation knowledge for success in IGCSE Curriculum
- Creative and critical thinking development

Pre IGCSE Physics

Students will learn about mechanics, the study of motion. This is typically the first topic students will learn in the formal IGCSE, and it is arguably the most important topic. All subsequent topics stem from mechanics. We will provide students with the best stepping stone to tackle IGCSE physics.

Pre IGCSE Chemistry

Student will learn about the nature of particles and the 4 major chemical bonds. Students will be made curious when they learn that a material will change into something completely different during a chemical reaction.

Pre IGCSE Biology

Student will learn about cells functions, characteristics of life, evolution and classification of organisms. Many children are interested in dinosaurs, we will use that as a pivot to lead them into biology. We will focus on topics that will be in their formal IGCSE so that everything they learn will be applicable in their final IGCSE exam.

PRE IGCSE SCIENCE

Level	Dates	Day	Time	Code	Fees (HK\$)
G7-8/Y8-9	24 Aug - 26 Oct (except 14 Sep)	SAT	15:00 - 16:30	FT19-PIGSE-1A	\$460 / hour 1.5 hours x 9 lessons
	02 Nov - 28 Dec			FT19-PIGSE-1B	

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2019 FALL TERM COURSES