

# IP 1 & Sec 1 Mathematics Headstart Programme

The challenges of IP 1 and Secondary 1 Math is drastically different from primary school. The Headstart Program by Integral Learning Academy helps your child bridge that gap, by introducing them to concepts and problem solving skills that are essential for the syllabus. Build a strong foundation over the holidays to help your child have an easier time coping with Mathematics when the school term starts !

| Topics Covered :   | Skills Covered :   |
|--|--|
| 1) Prime Factorization<br>2) Perfect Squares<br>3) Highest Common Factor, Lowest Common Multiple | 1) Problem Solving Skills across a range of different question types<br>2) Key Math Concepts & Terminologies and their application in questions<br>3) How to write Mathematical statements in the 'Correct' Manner<br>4) The Critical Thinking process behind Secondary 1 Math Questions<br>5) Common mistakes and how to avoid them |

## Programme Schedule

| Section | Day      | Date                                  | Timing           |
|---------|----------|---------------------------------------|------------------|
| A       | Monday   | 31 Oct, 7 Nov, 14 Nov, 28 Nov         | 3:00pm - 5:00pm  |
| B       | Saturday | 29 Oct, 5 Nov, 12 Nov, 19 Nov, 26 Nov | 9:00am - 11:00am |
| C       | Saturday | 29 Oct, 5 Nov, 12 Nov, 19 Nov, 26 Nov | 2:30pm - 4:30pm  |

# IP 1 & Sec 1 Science Headstart Programme

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**Part A:** Topics are to be distributed among the weekly lessons: Study skills, Time management, Note taking, Doodling, How to copy, How to follow instructions, How to process information

**Part B:** Memory intensive Sec 1 topics are chosen

1. Atoms molecules, Kinetic Particle Theory
2. Element compound mixture solubility
3. Separation technique
4. Units conversion, density, physical property

## Programme Schedule

| Day    | Date                                  | Timing          |
|--------|---------------------------------------|-----------------|
| Friday | 28 Oct, 4 Nov, 11 Nov, 18 Nov, 25 Nov | 3:00pm - 5:00pm |

### Contact information

WhatsApp us at: 8299 0677

Email us at: [enquiries@integrallearning.com.sg](mailto:enquiries@integrallearning.com.sg)