



# Experiential Learning

- Talent Discovery and Management
- Leadership in Practice: Life-Skills workshop
- Communication Skills
- And many more

# SpeedPLUS

Speedplus is a learning programme put together by a group of RJC student collaborators under the supervision of the Singapore Teacher's Co-operative. Through experiential and interactive platforms Speedplus aims at providing,

We hope to :

- Inculcate positive learning habits in students
- To allow students to have a better understanding in areas of difficulties.
- To make learning fun and enjoyable.

The teaching method adopted in the Speedplus programme will be according to a peer tutoring system in small groups of approximately 25 students. The tutorial style lessons will be conducted by a single tutor and ample time will be allocated to students to clarify their doubts and raise questions.

The benefits that Speedplus will be able to bring your child are

- Enhancement of student participant's grasp of concepts in respective subjects.
- With the introduction of novel learning methods, effective learning will be maximized and accelerated.

## Courses Offered

- GCE 'O' Level (For Sec 3 and 4 students in Express/Special Streams)
- GCE 'N' Level (For Sec 4 and 5 students in Normal Stream)

*Only Mathematics and Sciences will be covered.*

### GCE 'O' Level\* (Sec 4/5N 2006)

#### Additional Math

- Trigonometry
- Differentiation and Integration
- Binomial Theorem
- Functions

#### Elementary Math

- Probability
- Circle properties
- Locus
- Transformations
- Vectors

#### Physics

- Electricity
- Principle of Moments
- Kinematics
- Forces

#### Biology

- Nutrition in Plants
- Excretion
- ⌚ Homeostasis
- ⌚ Hormones and Endocrine Glands
- ⌚ Nervous System in Mammals

#### Chemistry

- Metals
- Organic Chemistry
- Acids, bases, salts
- Electrolysis

\* topics may be subjected to changes

### GCE 'N' Level\* (Sec 4N 2006)

#### Additional Math

- Trigonometry
- Differentiation and Integration
- Circular measure
- Functions

#### Elementary Math

- Indices
- Trigonometry
- Statistics
- transformations

#### Physics

- Electricity
- Principle of Moments
- Kinematics
- Forces

#### Biology

- Nutrition in Plants
- Transport in flowering plants
- ⌚ Transport in humans
- ⌚ Respiration

#### Chemistry

- Metals
- Organic Chemistry
- Acids, bases and salts

### Sec 3 ('O' Level) 2006

#### Additional Math

- Quadratic functions
- Logarithmic and exponential functions
- Indices and surds

#### Elementary Math

- Indices
- Trigonometry
- statistics

#### Physics

- Waves
- Power
- Kinematics

#### Biology

- Nutrition in Plants
- Transport in flowering plants
- ⌚ Transport in humans
- ⌚ Respiration

#### Chemistry

- Energy from chemicals
- Formulae, stoichiometry and mole concept
- Bonding