

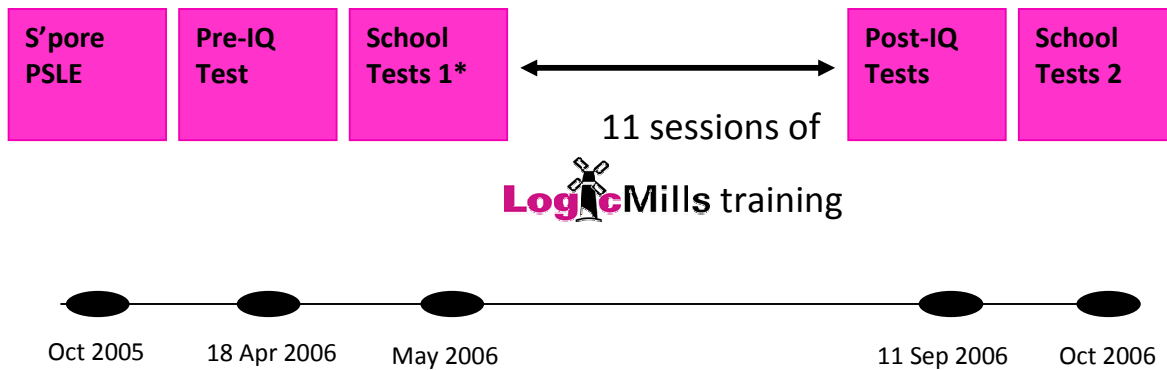
# APPENDIX 1: ST HILDA'S CASE STUDY

## Test of Efficacy of Analytical Thinking Skills (ATS) Program on Student Grades

### Conducted in partnership with St Hilda's Secondary School

In June 2006, seventy-nine (79) Secondary 1 students from St. Hilda's Secondary School underwent a thinking skills course conducted by LogicMills. For 11 sessions, these students went through a weekly, 1¼ hours of training. A further group of 80 students did not go through the training program, and were designated the control group. The objective was to determine if the new thinking skills program had any significant impact on their academic performance.

### Timeline of Test

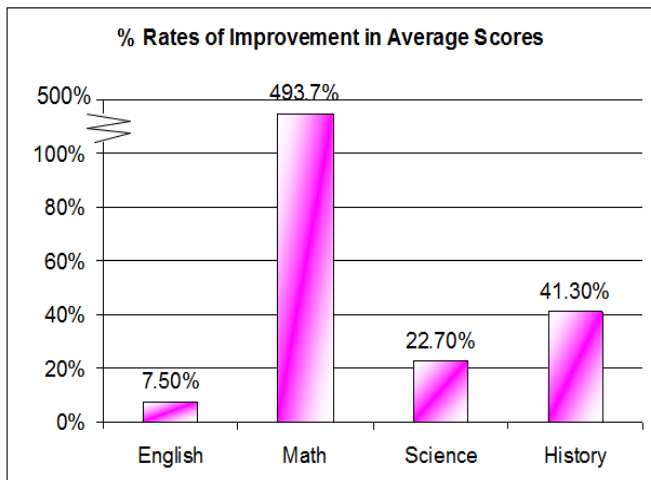


The students' PSLE results, a pre-IQ test, and St. Hilda's own mid-year exam (SA1) results were used as base measures. These were then compared with a post-IQ test and the school's own end-of-year exam (SA2), which were conducted after the training.

### Results after 13¼ hours (11 sessions)

Compared to the control group, the 79 students showed **better rates of improvement in average scores in four out of six subjects measured**. In addition to displaying a greater velocity of learning, the LogicMills-trained students scored **higher absolute scores, on average, in all six subjects**.

There was also an **improvement in IQ scores**, which was unexpected as IQ tests are designed to measure innate ability.



**Note:**  
% after LM Intervention of SA2 over SA1, test vs control.  
Individual subject results are significant at the 95% confidence level.

*\* The St. Hilda's study was designed according to international standards for academic journal publication.*