

REPEAT RUNS — SECONDARY 1 NT MATHS

SECOND RUN AFTER THE SUCCESSFUL REMEDIATION CONDUCTED IN 2020 AT A SECONDARY SCHOOL

The Secondary 1NT (Sec 1NT) Short Term Programme is designed specifically for Secondary 1 students taking Normal Technical Maths, to support them in the transition to secondary school maths. The Sec 1NT remediation programme provides support to students who have been diagnosed with dyslexia and /or other learning needs with relevant skill-sets that are essential for effective learning of numeracy.

The programme aims to help students to acquire mathematical concepts, vocabulary and skills covered in the Sec 1NT maths syllabus.

SAMPLE RESULTS FOR MATHS REMEDIATION

Year 1 Test 1



SEC 1 NT: 5 STUDENTS

Number of questions: 25
Maximum number of marks: 32

Pre-test

Mean: 14.8
SD: 7.60

Post-test

Mean: 25.0
SD: 5.57

Obtained T value: 0

Students made significant improvement from pre-test to post-test at the $\alpha = .05$ level (one-tailed).

SEC 3 NT: 5 STUDENTS

Number of questions: 25
Maximum number of marks: 32

Pre-test

Mean: 13.4
SD: 3.78

Post-test

Mean: 29.4
SD: 1.95

Obtained T value: 0

Students made significant improvement from pre-test to post-test at the $\alpha = .05$ level (one-tailed).

Year 3 Test 1



TEACHERS' FEEDBACK

Unlike other programmes, teachers found the use of manipulatives and games to be helpful in the students understanding of concepts. The small group size of 5 students also allowed them to be more comfortable in asking questions and getting the one to one focused attention they needed.

SCHOOL PROJECTS – SPEECH & DRAMA WORKSHOPS

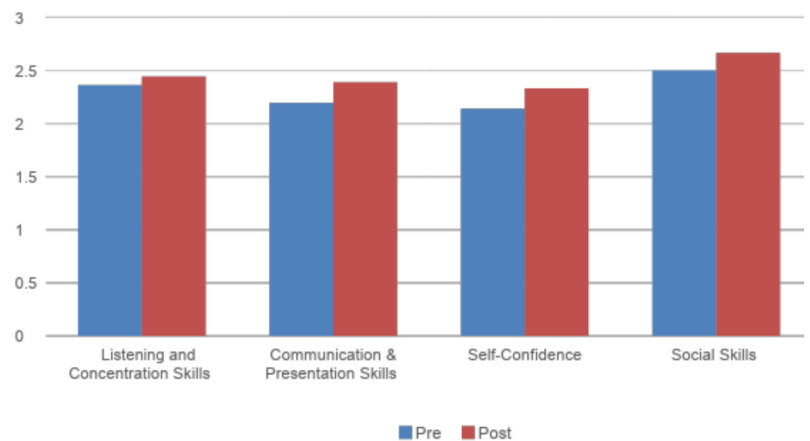
REPEAT RUNS FOR 3 YEARS (2017–2019)

DELIVERED BY DAS SPEECH AND DRAMA TEACHERS AND EDUCATIONAL THERAPISTS

TEACHERS' FEEDBACK

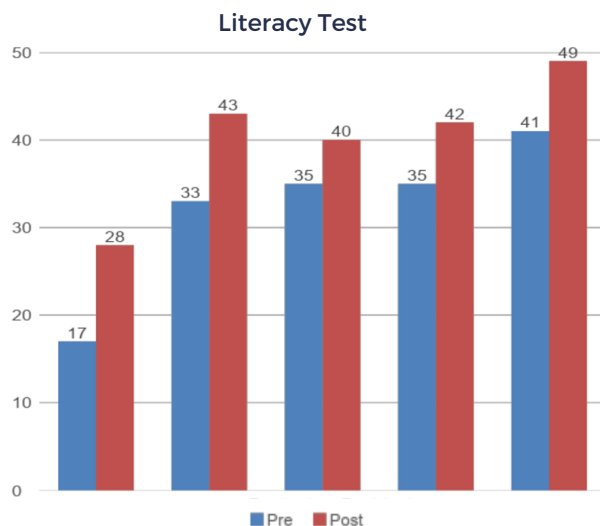
- Increase in students' confidence
- Students enjoyed the workshops and benefitted from them
- DAS Instructors were prepared
 - Class management & engagement with students
- Curriculum customised to meet clients' requirements
- Catered to Primary and Secondary levels

Results for 10 hours of drama lessons for 12 students



SCHOOL PROJECTS – LITERACY REMEDIATION

10 WEEKS LITERACY SUPPORT FOR YOUTHS 14 TO 16 YEARS: 5 STUDENTS



LITERACY

The remediation for the students at the school focused on:

- Vocabulary development through both oral and written activities
- Teaching the structure of sentence writing
- Infusing comprehension at a basic literacy level

Students improved in all pre/post-test results.

TO NOTE:

Due to the small sample size, the Wilcoxon-Signed Ranks Test was used to determine if the difference between the pre-test and post-test was significant.

For a sample size of 5, the obtained T value must be less than or equal to the critical value of 1 in order to reject the null hypothesis at the $\alpha = .05$ level (one-tailed).

Null hypothesis: There is no difference between students' scores at pre-test and at post-test.

Alternate Hypothesis: We expect students' scores to improve at post-test.