Evaluation report regarding the use of DLG (gifted programme) 2011-2012

(Mathematics)

1. Brief summary

Tests and workshops were prepared and conducted by Canotta Maths Learning Centre. They aimed to improve the students’ mathematical problem solving skills, and the target group was F.6 students taking Mathematics Module 1 or Module 2. The tests were done on 6 Feb 2012, while the workshops were conducted on 24 Feb 2012. The two instructors of the workshops were very experienced Mathematics teachers. They marked the scripts of the tests and prepared the contents of the workshops based on the students’ strengths and weaknesses in the tests.

2. Evaluation methods, data collection and analysis on student learning

The test results, the instructors’ observations and comments, the attendance rate and the students’ feedback were analysed.

3. Key findings and recommendations

- Key findings:
  (a) The tests results showed some weaknesses of students in particular areas, which were addressed in the workshop. During the workshops, students showed improvement in these areas.
  (b) The instructors commented that the arrangements of the tests and workshops were excellent. They also believed that students benefited from the experience.
  (c) The attendance rate of the tests and workshops were both 96%. A total of 43 students benefited from the programme. They generally agreed that the programme helped them improve their thinking and problem-solving skills.

- Recommendations:
  (a) Similar programmes can be arranged next year.
  (b) It is recommended that such programmes are arranged for F.4 or F.5, instead of F.6, so that students can benefit earlier and apply the skills in their Mathematics learning.

4. Conclusion

The programme could help students improve their thinking and problem-solving skills. Similar programmes or Mathematics Olympiad training courses can be arranged next year.