

Tang Shiu Kin Victoria Government Secondary School

Three-year plan: Provision of gifted education programmes for the fourth cohort of senior students (from 2012/13 to 2014/15 school years)

DLG funded Programmes	Strategies & benefits anticipated	Name of programmes / courses and providers	Duration of the programmes / courses	Target students	Estimated no. of students involved in each school year			Evaluation of student learning / success indicators	Teacher-in-charge / Coach
					12/13	13/14	14/15		
Other Programmes (OL) Gifted education Programmes in 5 areas of Mathematics	1) To <u>broaden</u> students' subject <i>knowledge</i> beyond the NSS curriculum.	Mathematics Enrichment Group (MEG).	3 years; at least 10 lessons after school per year.	S.4 – S.6 students taking M1 or M2	20	20	20	<i>Enhancement</i> in mathematics skills and awareness for studying Mathematics extended parts in M1 or M2.	– Qualified trainers from service provider.
	2) To <u>enhance</u> the capacities and skills in writing <i>research</i> articles in special Mathematics topics.	Research Mathematics Group (RMG).	2 years	S.6 students taking M1 or M2	1 – 3	1 – 3	1 – 3	<i>Producing</i> high quality individual or group research papers meeting the requirements of the competitions.	– Mr. LAW, Man-kai – Graduated old-boys with relevant experience.
	3) To <u>introduce</u> advanced mathematics <i>software</i> for exploring special Mathematics topics and applications, like 3-D geometry and numerical analysis.	Mathematics Software Group (MSG).	Monthly meetings; at least 10 lessons after school per year.	S.4 – S.6 students with special talents in applying software.	20	20	20	<i>Producing</i> high quality school-based Mathematics projects.	– Experienced teachers from Mathematics panel. – Qualified trainers from service provider.

<p>4) To <u>sustain</u> a <i>reading</i> culture in the field of Applied Mathematics, like Physics and Economics.</p>	<p>Applied Mathematics Reading Group (AMRG).</p>	<p>2 years (12/13 – 13/14)</p>	<p>S.4 – S.5 students taking both Mathematics (M1 or M2) and Physics or Economics</p>	<p>10</p>	<p>10</p>	<p>10</p>	<ul style="list-style-type: none"> – <i>Writing</i> book reports and creative Mathematics compositions. – <i>Participating</i> in regular reading & sharing <i>sessions</i>. 	<ul style="list-style-type: none"> – Advisers from related subject panels.
<p>5) To <u>train</u> students for taking part in open mathematics <i>competitions</i>.</p>	<p>Mathematics Competition Group (MCG).</p>	<p>2 years (12/13 to 13/14). At least 10 lessons after school.</p>	<p>S.4 & S.5 elite students with strong interest and talents in related areas.</p>	<p>4 – 6</p>	<p>4 – 6</p>	<p>4 – 6</p>	<p><i>Taking</i> part in open competitions and <i>organizing</i> sharing sessions or seminar for junior students.</p>	<ul style="list-style-type: none"> – Qualified trainers from service provider.