

## Evaluation of Action Plans 2011-2012: Design and Technology Department

### Major Concern 1: To provide life-wide learning experiences for partner school students

Activities	Implementation Date	Expenditure	Success Criteria	Result of Evaluation	Person in charge
To organize activities such as the Safety Cover Design Competition and other external competitions	Whole year	\$ 5000	<ol style="list-style-type: none"> <li>Students show interest to learn outside class time.</li> <li>Large numbers of students are willing to participate in co-curricular competitions or activities.</li> <li>At least 4 activities were launched by the department throughout the year.</li> </ol>	<ol style="list-style-type: none"> <li>The Gliders Flying Workshop, the Gliders Flying Competition, Egg Drop Competition, Safety Cover Design Competition, Model Bridge Competition and the Model Solar Boat Competition were held in the Centre with active participation.</li> <li>POON Chi-kin from Homantin Government Secondary School obtained the Champion in the Gliders Flying Competition.</li> <li>Two students of SHK All Saints Middle School won the Merit Award and HK\$1000 in the Safety Cover Design Competition.</li> </ol>	HOD DT Teachers
<ol style="list-style-type: none"> <li>To encourage students to take part in the Junior Technology Reading Scheme</li> <li>To offer LWL activities and programmes</li> </ol>	Sept. 2011 - March 2012		<ol style="list-style-type: none"> <li>Students show interest in reading arts and technology books.</li> <li>Students take an active part in LWL activities.</li> <li>More than 50 schools from Hong Kong join the Gliders workshops.</li> </ol>	<ol style="list-style-type: none"> <li>90% students attended talks related to DT topics.</li> <li>90% students participated in DT Reading Scheme and most of the students were able to finish the reading reports assigned to them.</li> <li>90% students agreed that the workshops offered useful information on how to make a glider and techniques in making a glider.</li> </ol>	HOD Teacher Librarian DT Teachers

Activities	Implementation Date	Expenditure	Success Criteria	Result of Evaluation	Persons in charge
To invite professionals to conduct workshops and seminars on related topics	Sept 2011 - May 2012		<ol style="list-style-type: none"> <li>1. Students are able to gain new knowledge from the workshops and seminars.</li> <li>2. One workshop has been organized for non DT teachers to cultivate a collaboration atmosphere among different subjects.</li> </ol>	<ol style="list-style-type: none"> <li>1. 5 talks were held by the Hong Kong Engineers Association for students.</li> <li>2. The feedback from students and teachers was encouraging.</li> <li>3. The feedback from teachers was encouraging.</li> <li>4. A sharing session was also held with the professionals from the Hong Kong Polytechnic University.</li> </ol>	DT teachers

## Major Concern 2: To develop collaborative culture among stakeholders

Activities	Implementation Date	Expenditure	Success Criteria	Result of Evaluation	Person in charge
<ol style="list-style-type: none"> <li>To organize peer lesson observation and sharing among teachers.</li> <li>To add daily life experiences into the curriculum.</li> </ol>	Whole year		<ol style="list-style-type: none"> <li>Improved teaching quality by integrating merits learnt from observation and sharing.</li> <li>Teaching materials are shared and teachers are able to learn from each other.</li> </ol>	<ol style="list-style-type: none"> <li>NSS curriculum elements were added in the present courses, e.g. syndicate culture, learning ambits including logistics, communication and transportation.</li> <li>All DT teachers had participated in peer lesson observation for more than twice a year, in which at least one lesson observation was done in relation to a department other than DT.</li> <li>Teachers were able to adjust their teaching strategies to cope with diversified students' abilities.</li> </ol>	DT teachers
To organize and arrange cross-curricular collaboration among teachers	Whole year		<ol style="list-style-type: none"> <li>Teachers from different subjects contributed to the projects.</li> <li>Teachers learnt from each other.</li> </ol>	<ol style="list-style-type: none"> <li>All DT teachers took part in cross-departmental lessons.</li> <li>Collaboration had been made with TL colleagues in designing equipments and device used in the Open Day.</li> </ol>	DT Teachers
<ol style="list-style-type: none"> <li>To promote the image of ATEC to partner schools teachers and</li> </ol>	Whole Year		<ol style="list-style-type: none"> <li>Partner schools, parents and the community are familiar with the work of our teachers.</li> </ol>	<ol style="list-style-type: none"> <li>Students' work displayed attracted parents and teachers from partner schools with positive feedback.</li> <li>DT teachers visited Open Days and graduation ceremonies</li> </ol>	DT Teachers

Activities	Implementation Date	Expenditure	Success Criteria	Result of Evaluation	Person in charge
parents. 4. To encourage teachers to attend partner school functions and				organized by other partner schools. 3. Two seminars had been held for teachers from partner schools on better handling of disciplinary problems of students and on NSS subjects. 4. 2 orientation talks had been given to partner and participating schools on DT & DAT.	

**Major Concern 3: To promote active learning of students**

<b>Activities</b>	<b>Implementation Date</b>	<b>Expenditure</b>	<b>Success Criteria</b>	<b>Result of Evaluation</b>	<b>Person in charge</b>
To enrich the DAT resources bank in our intranet and increase our DAT library resources.	Whole year	\$ 5000	<ol style="list-style-type: none"> <li>1. Purchase appropriate computer software.</li> <li>2. The library holds sufficient reference books on DT for students.</li> </ol>	<ol style="list-style-type: none"> <li>1. Books had been bought in relation to DT topics.</li> <li>2. A DAT teaching database, which consisted of books or information technology data had been set up.</li> </ol>	DT Teachers