DESIGN & TECHNOLOGY DEPARTMENT
REPORT AND EVALUATION 2007-2008

	Action / Task	Evaluation	Suggestion for the next year
1	**Teaching and Syllabus**		
1.1	**Revise Syllabus Regularly** • Enrich syllabus by adding more challenging elements such as electronics, hydrodynamics, LASER optics and renewable energy etc. • Develop project guidelines and worksheets for students. • Explore the effectiveness of new projects and activities in learning and teaching.	• Two new themes, including Transportation Technology and Aerospace Technology, are added into the syllabus in school year 2007-2008. • Teachers adopted guidelines from EDB and other project ideas in refining the syllabus. • Teachers adopted class-based syllabus to cater for differences in students' interests, needs and abilities. • Detailed project guidelines and worksheets for each topic are provided to help students understand and learn more efficiently and effectively. • Better understanding of DT among students, teachers and parents.	• Further revision of the syllabus to ensure they are in line with the latest trend of NSSC. • Communication among students, teachers and parents of partner schools should be further enhanced.
1.2	**Experience sharing and peer observation** • Peer lesson observations were conducted from November 2007 to April 2008.	• Quantity and quality of discussions among teachers increase.	• Peer observation becomes a regular and effective staff development activity.
1.3	**Enrich e-Learning platform** • Upload students' work, teachers' comments, teaching materials and interactive teaching programs online. • Update DT webpage so students can get the latest information in DT development.	• Information about updated technology, products and appliances are available on e-Learning Platform. • Works of each level are available on the subject main page. • Regular updates of information and modern technology on the e-Learning Platform enable outsiders to learn about DT. • Self-learning materials for each level, available on	• More self-learning materials should be uploaded to establish a more comprehensive database for students.

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		the subject, help students learn from others' work.	
2	**Extra-curricular Activities**		
2.1	**Internal activities** 2.1.1 Inter-class student project competition: (a) Mini Fan (Level 1) (b) Creative Clock Design (Level 2) (c) Glider (Level 2) (d) Souvenir (Level 3) 2.1.2 Inter-class competitions (a) Bridge building competition. (b) Falling egg competition. (c) Robot Sports Game.	Internal competitions are all successfully held. • Positive responses from judges and responsible teachers are very positive. • The quality of the entries was of satisfactory high standard. • Students show active support to the challenging competitions. • Students gain experience to apply D&T theories through competitions. • Teachers learn from others' work.	• More prizes as encouragement for more participation.
2.2	**External activities** • Organize the 3rd Joint School Model Glider Competition and Robot Football Mini-World Cup competition. • Provide modular courses for outsiders.	The competition was of great success: • High participation rate of 72 groups from 35 schools in the 4th Joint School Model Glider Competition. • Over 32 groups from 12 schools enrolled in the Robot Football Mini-World Cup competition.	• Joint School Model Glider Competition is gaining better popularity among D&T teachers of the partner schools. Earlier promotion can further boost up the participation rate and enlarge the scale of the competitions. • Robot Football Mini-World Cup competition is a good and creative attempt which could be continued next year.
2.3	**Design and Technology Club** • Robot Football Mini-World Cup competition. • Robot Make-up Workshop. • Furniture Make-up Workshop.	• More student volunteers provide assistance in internal, external competitions and Open Day. • The Club helped built students' sense of belonging to the centre.	• Students organize functions or activities.

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3	**Further Development**		
3.1	**Development of teachers** • Organize training workshops for teachers after school. • Teachers exchange information about seminars and workshops, exhibitions in related fields. • Encourage teacher to take more training in related fields. • Share teaching materials and other resources in ATEC server.	• The implementation of activities was successful and better communication between the Centre and other government schools. • Technological image of ATEC and DT were strengthened. • Information and teaching experience are efficiently shared among teachers and teaching quality has improved. • Teachers gained more knowledge and information from seminars, workshops and exhibitions etc.	• Training workshops for teachers are useful, DT team would continue to run these workshops or explore other relevant activities if possible.
3.2	**Development of Department** **Preparation for NSSC** • The NSSC Development Team continues to work on the schedule of NSSC to ensure smooth migration. • Information concerning NSSC syllabus are exchanged among panel members.	• Syllabus for NSSC courses is well written. • Teachers attended NSSC workshops or seminars were familiar with the trend of the NSSC. • Equipment required for NSSC are ready.	• Teachers are encouraged to take part in relevant courses and studies to capture qualifications of related fields before commencement of the new curriculum.
	Inter-departmental cooperation • Experience sharing • Discussion	• Better communication among departments. • More resources and information are shared among departments. • More inter-departmental cooperation shown in co-organization in the Open day preparation.	• Organize more co-curricular competitions in ATEC.

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