

Group 4: Introduction of Our School

School name:	Pui Ching Middle School, Macau
School address:	Avenida de Horta e Costa, No.7, Macau (Go to http://www.puiching.edu.mo/en/intro/school-map/ for our school map)
School URL:	www.puiching.edu.mo
PR message:	<i>Tel: 853-28529333-855</i> <i>Email: sandychanofc@gmail.com</i>

Introduction of Design & Technology Course in Pui Ching Middle School, Macau

Education reformation is on held as the development of comprehensive abilities in the society. Students are urged to be more active, creative, and diverse.

To encourage the innovative spirits and engineering designs through hand-on works, innovative and logical thinking skills, we introduced the Design & Technology Course in 2012. Now our DT course is a series lessons from Primary 5 to Senior 2. Students can broaden their global perspective, strengthen their collaboration and competitive vitality through the course.



Figure1: Primary students in our DT course



Figure2: High School students in our DT course

Teaching problem-solving skill is the most important element in Technological education. Students have to learn how to apply their knowledge and skills in real projects. So, based on the Traditional Design Technology course, our DT course not only reflecting on the STEM (Scientific, Technology, Engineering and Math) Education, but also trying to increase the scale of robotics and information technology (IT).

In our new high school DT course this year, the Technology Education has five electives for student enrollment:

- (1) Introduction to enterprise, accounting and finance
- (2) Informative technology
- (3) Design and technology
- (4) Health management and Social Work
- (5) Technology and everyday life.

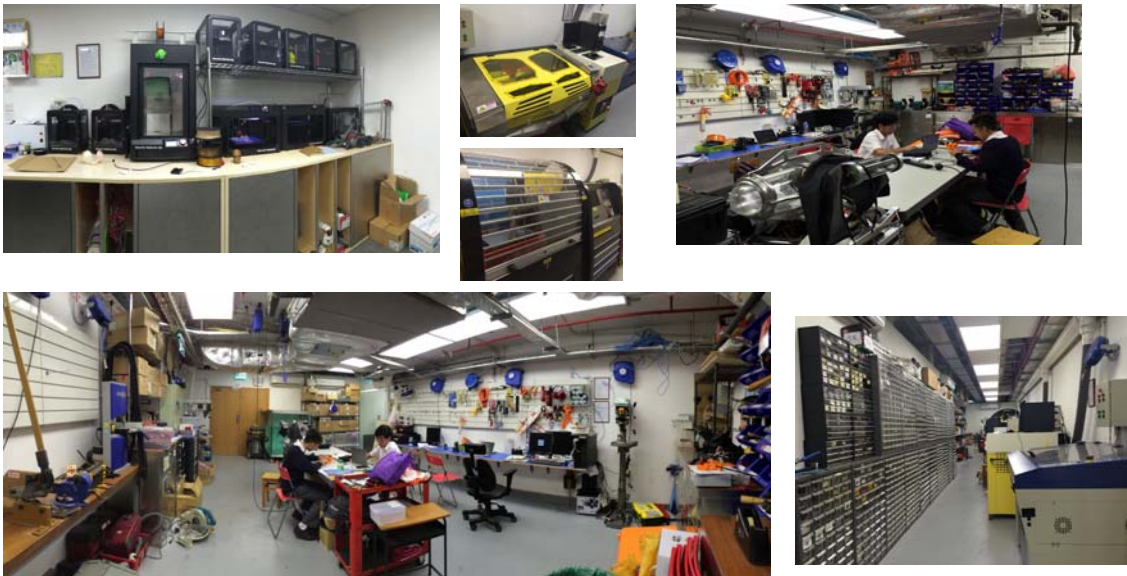


Figure3: Our DT studio and workshop

Continuous training on utilizing the knowledge from different subjects is set up for students in order to solve common life issues. Thus, students who take this course may obtain advanced level thinking ability, problem solving and other elementary abilities. Abundant education opportunities in creative design and Hi-tech industries is prepared. With the combination of other four electives, students can enrich their knowledge of humanities.

Nowadays, the differences between the pioneers and the followers are not the diverse skills, obeying, or massive knowledge storage, but creativity, judgment, complexity and multiple perspectives recognition of the world, which lead in their own career. The DT course is established for such an attention-demanding goal.