



Newsletter

Value Driven Education



**TAKE
THE TROPHY
HOME**

TABLE OF CONTENT

- 3 **Jingsi Aphorism:**
Daily Life Skill Education in Primary School
5. **Early Childhood Events:**
School Field Trip
7. **Early Childhood Events:**
Gym with Kids
8. **Early Childhood Events:**
Out-of-The-Box Animal Crafts
10. **Primary School News:**
Bully Awareness Week
11. **Primary School News:**
P4 Volunteer Activity - A Visit to Tzu Chi Recycle Station PIK
12. **Primary School News:**
Visitors from Sekolah Bina Persada
13. **Primary School News:**
Field Trip
14. **Primary School News:**
The Best Moment of My Life
16. **Messages from Secondary**
17. **Secondary School News:**
Tzu Chi Swimming Competition
20. **Secondary School News:**
Take The Trophy Home
21. **Secondary School News:**
Science & Mathematics Joint Curriculum Event, 5th & 7th March 2018
23. **Secondary School News:**
Digital Design
23. **Secondary School News:**
Biotechnology Club
24. **Secondary School News:**
Visual Arts
25. **Secondary School News:**
Personal Project
27. **Secondary School News:**
South East Asian Mathematical Olympiad 2017
28. **Secondary School News:**
From MYP Coordinator's Desk

..... Jingsi Aphorism 靜思語

即使自己只是一根小螺丝钉，
也要注意有没有锁上、锁紧，
以便充分发挥功能。

Even the tiniest bolt must be
screwed on tightly in order to
perform its best.

Please click our icons:





Daily Life Skill Education in Primary School

即使自己只是一根小螺丝钉，也要注意有没有锁上、锁紧，以便充分发挥功能。

Even the tiniest bolt must be screwed on tightly in order to perform its best.



In Tzu Chi Renwen class, students are encouraged to be independent and able to take care of themselves on a daily basis during Daily Life Skill lessons. The level of difficulty increases as they move from lower primary to higher primary.

Students are taught to use a knife to cut fruit when they reach Primary 4, then they will start to learn to cook rice and boil eggs in Primary 5. By the time they are in Primary 6, students will start to learn from how to prepare a simple dish, like instant noodles, to how to prepare a complete dish for themselves.



This term, Primary 6 students were asked to work in a group to create two dishes by themselves. They needed to work together as a team to come up with ideas and create their own cookbook with complete instructions and ingredients on how to cook their chosen dishes. Not only did they need to discuss and design a cookbook, but they also needed to practice together with their group to cook their dishes during the Renwen class.

Aside from teaching them to be independent, we hope that through this cookbook and cooking project, we were able to encourage students to willingly work together in a team to create something from scratch. We want our students to learn that working in a team means working together. Everyone has the same portion of responsibilities and everyone needs to be responsible for their parts. Working in a team also means helping and supporting each other, because when one fails to deliver, then the whole team will not succeed.

Through this exciting project and activity, students were able to show their creativity in creating not only one but two simple dishes. Something so big that sounds impossible for Primary 6 students to complete on their own becomes possible when they do it together.

By Miss Chen Pei Wen

EARLY CHILDHOOD SECTION





School Field Trip

The field trip is a student activity that is conducted yearly in Tzu Chi School. It aims to provide firsthand experience and knowledge outside the classroom environment. The activities in the trip are designed to meet the needs of the appropriate age level and abilities related to science, social studies, and art.

The nursery students went to Scientia Square Park on March 26, 2018. The day went by really fast as the various activities were enjoyed by the students.

One of the activities was visiting the “Edible Garden”. The children learned about the needs of a plant and how a plant grows. Another activity was “Feeding the Rabbit”. In this activity, the children were able to go near the rabbits and feed them carrots. They were curious about what vegetables a rabbit eats. Then they went to the “Butterfly Garden” where they learned about the life cycle of a butterfly. They also had an opportunity to touch the butterflies and see other insects.





The children also had fun climbing walls and spending time with their friends in the playground. They showed persistence in reaching the top despite the heat and distance between the rocks that they could step on. N1 students had a “Clay Art” activity where they showcased their creativity and imagination. They were very proud of their work and were excited to show it to their parents.



Lastly, the children went on an adventure called “Evolution: Journey of the Earth”. It was a fun exploration as the children went through dimmed rooms and narrow corridors with different sights. The children were also brave enough to go on a bridge, as well as shaking floors and slides.

Kindergarten students had a different experience for their field trip. They went to Batalyon Kavaleri 9, a military camp in Serpong.



The children were introduced to its history as well as the weapons used during a war. The officers also taught them about lining up, standing properly, and giving a salute to an officer.

It was a first time experience for all our students and teachers to get into a tank. They enjoyed the ride as if they had been on a roller coaster! Lastly, the children interacted well with the soldiers by asking them related questions, by shaking their hands and asking their names.



The field trip ended with a yell taught by the soldiers. The students readily followed with enthusiasm. Well done!

By Miss Alexa Stephani



Gym with Kids

Young children develop their gross motor skills through play, exercise, and gym activities at both school and at home. For children, exercising means being physically fit and active. Doing different physical activities has a lot of benefits for children. Some examples are as follows:

1. Running - when children do this activity, their heart beats faster and lungs work harder which develops their endurance
2. Climbing - improves muscle strength and body coordination
3. Jumping - develops good balance, motor coordination, and motor planning (motion planning)

The National Association for Sport and Physical Education (NASPE) offers these activity guidelines for infants, toddlers, and preschoolers. Infants and young children should not be inactive for a long period of time - no more than 1 hour unless they're sleeping. And school-age children should not be inactive for a period longer than 2 hours.

Age	Minimum Daily Activity	Comments
Infant	No specific requirement	Physical activity should encourage motor development
Toddler	1,5 hours	30 minutes planned physical activity AND 60 minutes unstructured physical activity (free play)
Preschooler	2 hours	60 minutes planned physical activity AND 60 minutes unstructured physical activity (free play)
School Age	1 hour or more	Break up into bouts of 15 minutes or more

Tzu Chi Early Childhood supports the students' need for skills development. Different equipment, games, and activities are provided. Training is also provided for teachers such as "Senam Kreasi Anak Indonesia" which aims to guide the teachers on how children can increase their skills, especially on the sports field.

By Miss Rollies Simamora



▲ Teachers posing together with their artwork

Out-of-the-Box Animal Crafts

We all have old cardboard boxes in our homes that just sits in the corner and is only useful when we need to store our old stuff we do not want anymore. Who would have thought that the cardboard boxes can actually be used to produce creative artwork? On Friday, March 16, 2018, Early Childhood teachers learned how to make use of old cardboard. Mr. Ahmad, Primary School librarian, hosted a training session in the meeting room to show us how to make recycled artwork from cardboard. The theme was animals.

When we got to the meeting room, we were amazed by so many cardboard animals displayed on the tables. Mr. Ahmad had prepared some animal crafts and some pieces of cut-out cardboards. Teachers were then divided into groups and each group was assigned to make two different cardboard animals. Mr. Ahmad gave out the cut-out cardboard and necessary supplies, such as glue gun and googly eyes.

Teachers started working on the recycled materials and soon, they were able to make the animal crafts by following Mr. Ahmad's instructions. The training was very fruitful, and we were very grateful to have been given the chance to learn a new skill. We can not wait to apply this new technique in our lessons.

By Miss Fransisca T.

▶ Mr. Ahmad guided the teachers on how to make the artwork



▲ EC Principal, Miss Ling introduced Mr. Ahmad to the teachers



▲ Some cardboard animals displayed in the waiting room



PRIMARY SCHOOL SECTION



Bully Awareness Week

Tzu Chi school designated 5 - 7 March 2018 as Bully Awareness Week with the theme of "I Stand Up Against Bullying". The event was held to increase awareness and help prevent bullying, to promote safe schools and a positive learning environment, as well as to show that the School supports the actions of refusing bullying in the whole school.

The activities varied from bully prevention lesson for all grades, anti-bullying movie watching, fun games, anti-bullying bracelets making, message in the bottle, poster making competition, anti-bullying dance and movement competition, to hand-printing anti-bullying pledge by students and teachers as our efforts to stand up against bullying. Through the bullying awareness week activities, we expect to see positive changes in student achievement and well-being.

The reason behind the "Anti-Bullying" campaign is that bullying - either verbal, physical, emotional and cyberbullying - has become an issue in students' relationships at most schools. During the campaign, students were encouraged to understand the negative effects of bullying and develop a positive attitude against bullying as part of the culture of Tzu Chi School.



▲ Our commitment to stop bullying



▲ Just say no to bully performance



▲ The students watching anti-bullying campaign movie



▲ Team building: we need to help each others



P4 Volunteer Activity - A Visit to Tzu Chi Recycle Station PIK

Every year the Ren Wen Department conducts a volunteer activity for Primary 4 students. This year at the end of term 3, all P4 students were given the opportunity to visit the PIK recycling station.

To ensure the effectiveness of this activity, P4 students were divided into four groups. Under the guidance of Tzu Chi Volunteers, students and teachers learned how to sort recyclable materials. Plastic bottles and paper are the most commonly used materials in daily life, so students need to know the recycling steps, and try to reduce the use of these items.

Students performed all the steps in recycling plastic bottles, which included disposing any liquid remnants, removing the labels, separating the bottle caps, and flattening the bottles. Paper had to be divided into categories such as: magazines, newspapers, text books, and printing paper. All pages also had to be grouped by color. Every step is essential to make sure the recycled materials are ready to be sent to the factory for repurposing.

Before the visit, Ren Wen teachers provided some environmental awareness information for our students during their lesson time. They talked about how ocean pollution was getting worse, and that we all have a responsibility to take care of the environment. The simplest way to start this is to reduce, reuse, and recycle. To finish the event, students participated in a poster making activity to show what they had learned.

- ▶ Students showing their best effort at poster making competition

From the poster making competition and the recycling activities at the recycle stations, students showed that they had gained the knowledge and practical skills to become environmentally friendly. We hope that as a result of this activity, students will keep a 'Go Green' attitude in their daily lives!





Visitors from Sekolah Bina Persada

Sekolah Bina Persada, a school in Bandung, had their two-day fieldtrip in Jakarta on March 22-23 and visiting Tzu Chi Primary School was in their itinerary as the culminating part of their trip. The SBP Primary 5 students and teachers were warmly welcomed by the teachers and students of Tzu Chi Primary School as they entered the hall. A simple program was organized where the students from each school had the chance to showcase their talents, play and socialize with one another, and most importantly, to build new friendships.

SBP students and teachers also had the opportunity to experience a tea ceremony class led by the Ren Wen Team and some volunteers. They were able to observe and engage in the different routines of the tea ceremony class. After the class, they visited some of



the sites in Jing Si Hall building. They were astonished by the structural size and designs. When all the activities were done, an appetizing vegetarian lunch was served to the visitors. It was also a memorable experience for the SBP students when they washed their eating utensils.

SBP students and teachers were delighted during their visit. They went home with the useful experiences they had learned in Tzu Chi Primary School.



Field Trip

Most people couldn't wait for school field trips in their childhood. Boarding a bus with classmates for an out-of-school activity always made for a special day. Tzu Chi School believes that field trips are an important tool in learning.

Primary 1 to 5 students went to Kampung Wisata, Cinangneng in Bogor, West Java for their field trip this year. They were taken to visit several home industries. The goal of this activity was to develop students' cultural awareness. Aside from that, they were expected to develop their spirit of nationalism by learning to make a traditional snack (kue bugis) and a traditional drink (wedang jahe). They also



learned a traditional dance, played traditional musical instruments (angklung and gamelan), made paper puppets, and painted a traditional hat (caping). Primary 4 and 5 students had the opportunity to plant crops and wash buffaloes. Although these activities made them wet and dirty, they became very excited!



We were thankful that after learning many things outdoors, we could return to school safely and happily. We hope that this enrichment field trip not only developed our students educationally and culturally, but also helped convey values for their future, and be kept in their memories.

Ingenies Wijanarko



The Best Moment of My Life

Hi, my name is Nicole. I'm from P5 Honesty.

On 7 April 2018 I went to an orphanage called Abhimata in Bintaro Jaya. Abhimata is an orphanage for wonderful children who unfortunately don't have parents, or their parents can't take care of them.

At the orphanage, we were taken around and got to see what their daily life looked like. It was a really humbling experience, we introduced ourselves to the children, who at first seemed a little hesitant but soon became warm to us like we were good friends. We played games with them just like we would at school and read stories followed by comprehension questions, and when they answered correctly, they received stickers as a prize. Everyone had such a great time but I can't imagine how I would cope in their situation, they are so brave.

After visiting them, I couldn't feel more grateful to my parents, who love me unconditionally but perhaps sometimes I take it for granted. Thank you, mom and

dad, for giving me everything that I need and for always guiding me in the right direction. Thank you Tzu Chi Primary School for this eye-opening opportunity.

Gan En

Nicole (P5 Honesty)



SECONDARY SCHOOL SECTION





Dear Parents and Guardians,

It has been a busy month for the secondary school with several events taking place.

Firstly, grade 6 students visited the secondary school and spent the day investigating and exploring the subjects of maths and science through fun learning activities. My congratulations to Mr. Angus and Mr. Richard and their hard-working teams for organizing such an enjoyable day for the students and teachers.

I spoke to a group of grade 6 students before they began their science and math day and was impressed by their eager attitude and good behaviour. I was also told their behavior was exemplary during the day and for that I must congratulate

the primary school for their contribution in teaching the students the values of discipline and courtesy.

The application of polite manners in daily life is one of the fundamental objectives across our three schools. Indeed, Master Cheng Yen said: "Over time, we can build great character, achieve great success, and cultivate great virtue". I firmly believe that our 3 schools, Early Childhood, Primary and Secondary, all work together to bring this aphorism to life and instill its values in our students.

Secondly, our Grade 10 students completed a major assessment of the MYP, the Personal Project. This is an intensive exercise which engages the students in independent inquiry and reflection on the processes they used to reach their objective. After months of working on their Personal Projects, the students exhibited their products alongside their reports for the entire school community to see.

All secondary classes, many primary classes, teachers, parents and representatives from DIKNAS visited the 3-day exhibition to learn what the grade 10 students had done. I spoke to grade 10 students and I came away certain that this group of enthusiastic and intelligent individuals will do well in grade 11.

My congratulations to Mr. Vishal and Mr. Ryan and all the teachers involved who supported this excellent endeavor of our grade 10 students.

After many weeks of preparation by our Physical Education team, Tzu Chi held a swimming competition to which 25 other schools attended. It was an exciting day of races, sporting prowess, and, most importantly, good sportsmanship. Students from Tzu Chi did exceptionally well in the competitions and we are all proud of their efforts. Special thanks to Mr. Roberts, Mr. Luki, Ms Eghie, the PRSI from the Sport Science Faculty of Jakarta State University and all the supporting teachers for making this day possible.

Finally, this month I had the pleasure of meeting parents from each grade level to introduce my plans for next year and ask parents for their feedback on what they would like to see in the years ahead. These meetings were a great success and I very much enjoyed meeting parents.

At these meetings I spoke of the mark of a good school whereby through collaboration between school and parent, we nurture our students interests and help them become successful in life. Master Cheng Yen said: "Treat your children gently and wisely. Let them walk on the path they are willing and able to take". Tzu Chi Secondary School is committed to working with parents to support and assist our students in choosing the right path that suits them best.

Dominic Robeau
Head of Tzu Chi Secondary School



Dear Parents and Guardians

Learning is a process to gain knowledge. This process is not only happening in the class setting but in many different environments. In this newsletter, you can see that the process of learning is happening in fun and creative ways in and outside of the normal classroom. The students are learning when they are preparing their materials of presentation or when they are preparing their exhibitions and competitions. In some subject's teachers have asked students to find knowledge for their own study outside the school itself.

At the beginning of term 4, Secondary held some events that invited internal and external parties. As I have mentioned in the last newsletter, we begin with the Science and Mathematics Joint-Curriculum where the Tzu Chi Primary Grade 6

students learnt Science and Mathematics subjects in fun and creative ways from the students of Tzu Chi Secondary. Also, there is an update on our first Personal Project Exhibition that was prepared by grade 10 students. We also explore the learning journey in some subjects such as Visual Art, Digital Design and IaS (Individual and Society). Let's see the Secondary's learning journey for this term in detail!

Henky Sasmita
Secondary Principal




 SWIMMING COMPETITION 2018
 AWARDING CEREMONY


Tzu Chi Swimming Competition

The Tzu Chi Swimming Competition is an annual event held in Tzu Chi School. This year the event was held on April 7, 2018 and was arranged by Mr. Roberts Aditya. It was supported by PRSI from the Sport Science Faculty of Jakarta State University.

As an official competition, there were roles for referees, timekeepers, a starter, and an IT computer expert. 25 schools from Jakarta, Bekasi and Tangerang participated in the event. The Swimming competition offered freestyle and breaststroke from ages 4 - 8, and freestyle, breaststroke, backstroke, and butterfly stroke from ages 9-14. For team events, the school offered freestyle relay for ages 11-12 and 13-14, and also a Medley relay for ages 11-14.

All the swimmers who won in individual events were awarded with medals (gold, silver, and bronze), and the swimmers who collected the most medals received the best swimmer trophy in every age category. In the Relay event, a trophy was awarded to each team relay who came in 1st, 2nd, and 3rd.

The event ran smoothly and swimmers, coaches and visitors enjoyed themselves throughout the competition. We hope that the competition grows each year and the swimming event becomes a major important attraction in Jakarta where many schools participate for the enjoyment of sport.



WINNERS FOR INDIVIDUAL EVENTS

EVENT	NAME	SCHOOL	MEDAL
Freestyle Girls U6	Michiko Morgan Silman	Tzu Chi Kindergarten	Gold
	Kayla Asoka Gozalie	Tzu Chi Kindergarten	Bronze
Freestyle Boys U6	Miguel Jacob Brosnanlie	Tzu Chi Kindergarten	Bronze
Breaststroke Girls U6	Michiko Morgan Silman	Tzu Chi Kindergarten	Gold
	Evelyn Quinn Chang	Tzu Chi Kindergarten	Bronze
Freestyle Boys age 9-10	Anderson Lim	Tzu Chi Primary school	Bronze
Breaststroke Boys age 9-10	Anderson Lim	Tzu Chi Primary school	Bronze
Backstroke Boys age 9-10	Anderson Lim	Tzu Chi Primary school	Bronze
Butterfly Boys age 9-10	Dave Wijaya	Tzu Chi Primary school	Bronze
Freestyle Girls age 11-12	Elaine Patricia Thobie	Tzu Chi Primary school	Bronze
Freestyle Boys age 11-12	Louie Kwok Kargito	Tzu Chi Primary school	Silver
	Yuta Liawputra	Tzu Chi Secondary school	Bronze
Breaststroke Girls age 11-12	Jessy Huang	Tzu Chi Secondary school	Silver
	Jelina Kathleen Ng	Tzu Chi Primary school	Bronze
Breaststroke Boys age 11-12	Louie Kwok Kargito	Tzu Chi Primary school	Silver
	Falco	Tzu Chi Secondary school	Bronze
Backstroke Girls age 11-12	Jessy Huang	Tzu Chi Secondary school	Silver
	Joceline Hidayat	Tzu Chi Primary school	Bronze
Backstroke Boys age 11-12	Yuta Liawputra	Tzu Chi Secondary school	Gold
	Louie Kwok Kargito	Tzu Chi Primary school	Silver
	Philip Anthony Tristan	Tzu Chi Primary school	Bronze
Butterfly Girls age 11-12	Jessy Huang	Tzu Chi Secondary school	Silver
	Joceline Hidayat	Tzu Chi Primary school	Bronze
Butterfly Boys age 11-12	Louie Kwok Kargito	Tzu Chi Primary school	Gold
	Freddy Farrel	Tzu Chi Primary school	Silver
Freestyle Girls age 13-14	Alysha Wang	Tzu Chi Secondary school	Gold
	Yuni Chyntia	Tzu Chi Secondary school	Silver
	Lindya	Tzu Chi Secondary school	Bronze
Freestyle Boys age 13-14	Vincent Lawrencio	Tzu Chi Secondary school	Silver
	Ryan Dhamika	Tzu Chi Secondary school	Bronze
Breaststroke Girls age 13-14	Alysha Wang	Tzu Chi Secondary school	Gold
	Yuni Chyntia	Tzu Chi Secondary school	Silver
	Viena	Tzu Chi Secondary school	Bronze
Breaststroke Boys age 13-14	Darren Lee	Tzu Chi Secondary school	Gold
	Dastin Wu	Tzu Chi Secondary school	Bronze
Backstroke Girls age 13-14	Fiona	Tzu Chi Secondary school	Gold
	Nadine	Tzu Chi Secondary school	Silver
Backstroke Boys age 13-14	Vincent Lawrencio	Tzu Chi Secondary school	Silver
	Darren Lee	Tzu Chi Secondary school	Bronze
Butterfly Girls age 13-14	Alysha Wang	Tzu Chi Secondary school	Gold
	Fiona	Tzu Chi Secondary school	Silver
	Nadine	Tzu Chi Secondary school	Bronze
Butterfly Boys age 13-14	Vincent Lawrencio	Tzu Chi Secondary school	Silver



▲ Alysha Wang, our best swimmer for age 13-14 category

BEST SWIMMER TROPHY

GENDER	NAME	SCHOOL	AGE
Girl	Michiko Morgan Silman	Tzu Chi Kindergarten	U6
Boy	Arsya Laksana Khafif	Insan Cendikia Madani	U6
Girl	Nicole Sharon Wijaya	Sekolah Penabur	Age 7-8
Boy	Joshua Brilian Suryatama	Sekolah Victory Plus	Age 7-8
Girl	Jennifer	Ujar Pelangi	Age 9-10
Boy	Cristian Abygail	SD Kalam Kudus	Age 9-10
Girl	Kayla Nabila	SDN 10 Kosambi	Age 11-12
Boy	Jason Wijaya	Sekolah Metanoia	Age 11-12
Girl	Alysha Wang	Tzu Chi Secondary school	Age 13-14
Boy	Leon Hariyanti	Sinarmas World Academy	Age 13-14

Freestyle Relay (Age U-12)

- Gold Medal: TZU CHI SECONDARY SWIMMING TEAM D
- Silver Medal: TZU CHI SECONDARY SWIMMING TEAM A
- Bronze Medal: TZU CHI SECONDARY SWIMMING TEAM B

4 x 50 FREESTYLE RELAY AGE 13-14 MIX

- Gold Medal TZU CHI SECONDARY SWIMMING TEAM A
- Silver Medal TZU CHI SECONDARY SWIMMING TEAM B
- Bronze Medal TZU CHI SECONDARY SWIMMING TEAM C

4 x 50 M MEDLAY RELAY AGE U-12 MIX

- Gold Medal TZU CHI SECONDARY SWIMMING TEAM C
- Silver Medal TZU CHI SECONDARY SWIMMING TEAM B
- Bronze Medal TZU CHI SECONDARY SWIMMING TEAM A





Take The Trophy Home

On March 12-24, 2018, Tzu Chi Secondary girls' football team joined in the Sekolah Pelita Harapan (SPH) football CUP. This event was 7 players aside game and we brought 12 players from grade 7-9 to participate in this Cup. They were Angela Maria, Kayla Claresta, Vania, Tara Chloe, Ashley Thio from grade 7, Elaine Hsu from grade 8, Evangeline, Alena, Kelly, Kartika, Jovanka, and Valencia from grade 9.

There were 4 games during the qualifying round before the Final. In the first game we played against home team SPH B and we were able to defeat them by 3-0, all goals were scored by Angela. Our talented forward players showed brilliant skills that gave the defending players from SPH a hard time to defend their goal.

In the second match, Tzu Chi Secondary played against Sekolah Dian Harapan; to collect more points and goals our team applied a full offense strategy. All the players steadily applied more and more pressure on SDH ' defense and this strategy worked really well, and in the end gave us victory by defeating SDH 6-0.

In the third match, Tzu Chi Secondary faced the home team, SPH A. This team is the strongest team among all school in this cup, and unfortunately we lost 3-1. However, our team played hard and should be proud of their hard work.

In the last game of the qualifying round, Tzu Chi Secondary played against SMP N 1 Tangerang. In this game, our players were playing under pressure, we needed at least

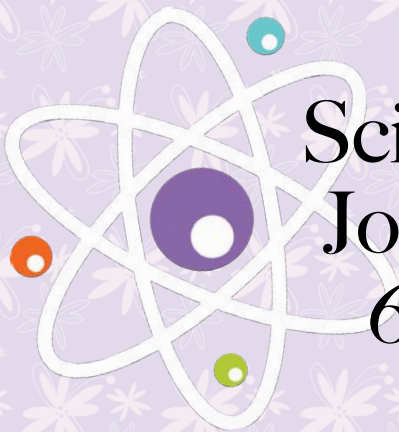


to make the game a draw to qualify for the final. Playing under pressure made our players nervous leading to a few mistakes and in the second half our opponent was able to convert two goals.

We instructed our players to relax, minimize mistakes, and be more confident. With a lot of support from Tzu Chi Secondary students who were cheering as they watched the game, our teams fighting spirit was raised and in the end we were able to score 2 goals and ending the game with 2-2 which gave us the ticket to the Final.

In the final Tzu Chi Secondary played against SPH A who defeated us 3-1 in the qualifying round. Learning from the experience in the qualifying match, we applied more defensive strategies and only put one forward player to counter attack, this strategy worked well and made it very difficult for the opposing team to score. We had few opportunities to score but we were able to convert one opportunity into a goal and we won the game with the end result 1-0! We are very proud of Angela Maria Tandun, our forward player who was not only the champion in this SPH Cup, but was also a Top Scorer, collecting 12 goals.

By Roberts Aditya, Head of PE Department



Science and Mathematics Joint Curriculum Event, 6th and 7th March 2018

By Mr. Angus Steward, Head of Science

In the last week of Term 3, all Grade 6 students were invited to spend an hour in the Secondary School doing experiments as part of a secondary school Science and Mathematics Joint Curriculum Event. This was organized by the teachers of these departments who collaborated to set up a wide variety of tasks to challenge the students in these subjects. The main aim of the event is to promote and foster collaboration between different departments.

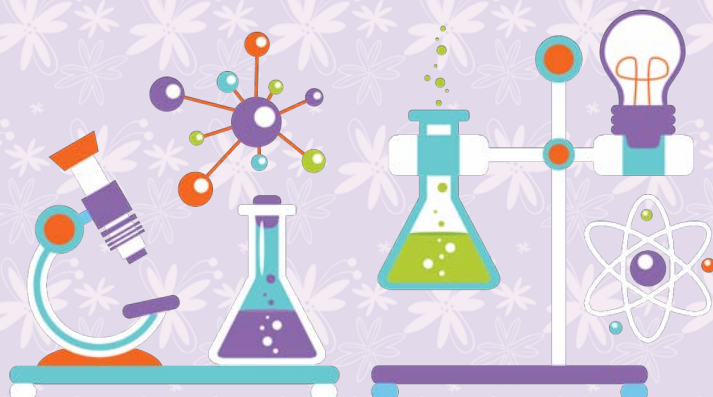
The theme of the event was Survival and consisted of a competition to complete as many tasks as possible in 50 minutes, with a maximum time limit of 5 minutes per task. The students worked in small groups and each group competed enthusiastically until the end with some excellent demonstrations of collaboration, communication and thinking skills. To help the students fully understand the tasks, Grade 9G and 9R students were at hand to explain and clarify the requirements of each specific task and act as timekeepers and issuers of 'passport stickers' on successful completion. Both Grade 6 and 9 students benefitted from the interaction and thoroughly enjoyed the experience as can be gauged from the sample comments below from students' reflections on the experience.

3 sets of winners from each batch of students were announced at the end of each session and were rewarded with JCO donuts ensuring lots of happy, smiling faces, returning to the Primary School.

The Science and Mathematics departments would like to sincerely thank Grade 9G and 9R students for their enthusiastic participation in ensuring the event progressed smoothly. They demonstrated maturity beyond their years and assisted in many ways, such as fully engaging the Grade 6 students in the tasks and ensuring relevant safety rules were adhered to. Denzel and Jansen of Grade 9G, were excellent communicators of information at the start of each session and deserve special praise for motivating and priming the Grade 6 students prior to the activities.

Grade 6C Student Comment:
'This curriculum program fascinated me very much; it introduced me to new concepts that I would expect to see in the future. My favorites included a riddle on murder, a reflection game as well as a set-up to let us create a catapult. We collected stickers to win and, although my team was not victorious, I had fun learning in a new way. My team worked together and embraced each other's weaknesses and strong points to complete this exciting program.'

Grade 9R Student Comment:
The joint curriculum event was very delightful and I am pleased to say that I had a wonderful experience with the Grade 6 students. Those who came to my booth displayed a strong sense of teamwork and patience, which was required for the experiment. They were incredibly focused in performing the task thus the majority succeeded and earned their stickers. Knowing that the Grade 6 students enjoyed this event brings me great joy and I would be happy to participate again in this type of event in the future.'



Below are some photographs from the Joint Curriculum Event.



▲ Happy winners with their JCO donuts



▲ Putting together a model of a human torso



▲ "No pressure!"



▲ "There is a pattern here somewhere!"



▲ Creating a catapult



On March 6 - 7 2018, we celebrated Joint Curriculum Day. This year Math and Science was tasked to put on enjoyable activities for the Primary students. One objective of this annual event is to let them experience or be aware what learning is happening in the Secondary school. We thought of giving them some Math and Science activities where they explore the two subjects and at the same time have fun. We called it "Math and Science Survivor", patterned from the famous Survivor TV series.

Primary 6 students were grouped randomly and they needed to do puzzles, experiments, physical and mental challenges while being supervised by Grade 9 students. Once they successfully accomplished the challenge, they would get a sticker. The more stickers they collected, the more chance that they would be the winner who would receive a special prize.

Although the preparation is quite complicated, we were really happy because we saw the students, both secondary and primary, really enjoying the activity. There were even a few primary students who asked me "Sir, why can't we do this every day"? Learning is really fun once students and teachers are engaged and loving what they are doing.

By Mr. Richard Madera, Head of Mathematics

Digital Design

In Semester 2 Grade 8 is learning about Google Sketch up and Lumion

Google Sketch up Visual Design is one of the new emerging IT skills. Giving students an overview on how 3D works will give them an insight into possible careers.

Lumion is a powerful, easy, fun-to-use, effective architectural visualization tool that allows anyone to build a 3D environment and then create beautiful images, impressive video presentations, and live walkthroughs. It is the fastest way to pick up your 3D model and create a scene in a matter of minutes.

Our grade 8 students were given the task to assist Tzu Chi School and asked to create a virtual tour in movie format about the interior and exterior design of a new Tzu Chi University.

In Semester 2 Grade 9 are learning about MIT App Inventor Programming to create a mobile Application

Technology is taking over the way we do business, interact with each other, and live our lives. Without really realizing it, we have tumbled into this new world, which is accelerating so rapidly and is putting strain on businesses to keep up. In order to assist in work efficiency, the grade 9 students are creating

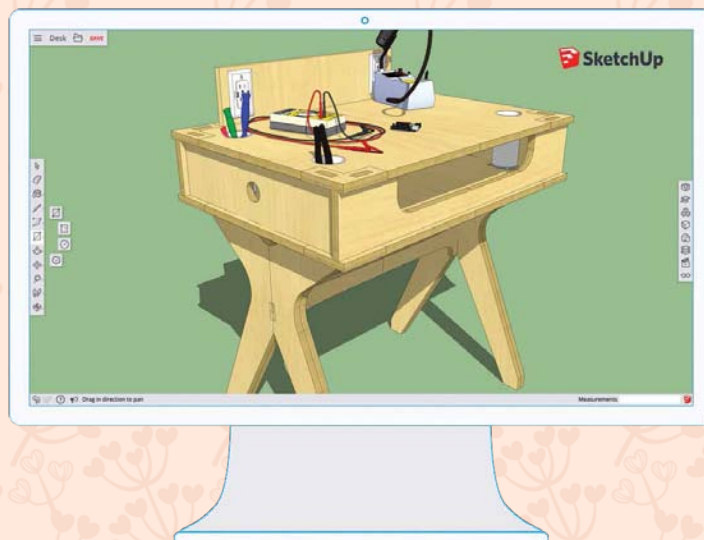


Photo: www.sketchup.com

mobile apps that help human to work more effectively and efficiently.

In Semester 2 Grade 10 are learning how to create a good movie

In John Maxwell's "Winning with People," he says good relationships are the foundation for achievement. Relationships are more than just the icing on the cake in life: They are the cake – the very substance we need to live successful and fulfilling lives. One of the key skills leaders need to learn is how to build trust. Grade 10 students are creating a movie about friendships/relationships from which the audience can learn a good moral lesson.



Biotechnology Club

In Term 3, science students from the grade 7 biotechnology club have been involved in some exciting activities such as the preparation of bacteria and fungi culture media, preparation of yogurt and the extraction of DNA from strawberry fruit. Students have been enthusiastic with these activities and have gained much hands-on experience of important scientific techniques.

These activities are aimed at developing practical skills among students in the science department and will also broaden their understanding of application of scientific knowledge. It is envisaged that the club will engage more students in the coming years. The experiments carried out will enforce some of the ideas discussed during normal lesson periods.



Visual Arts

During this term 3, Tzuchi Secondary students gained basic experiences of different visual art aspects in their practical work (cubism, zentangle, tape sculpture, pottery, recycle art). They have learnt to find the individual solutions for their artwork problems by describing and analyzing their artworks. Furthermore, students developed a deeper aesthetic sense through the commitment and personal engagement shown in the process journal.





Personal Project

On behalf of Tzu Chi Secondary School, I would like to thank all parents, teachers, and students for supporting and participating in the MYP Personal Project Exhibition from March 21-23, 2018. With your support, our grade 10 students were able to present their products and spread their message to a wider community. Likewise, our younger students

were able to visit the exhibition and get a sense of what the Personal Project is and begin brainstorming ideas for their own future projects.

To conclude the 2018 Personal Project, we asked three students to share their experience with the Tzu Chi community:



Felicia Agatha Huang

Project: A book illustrating the importance of preserving orangutans. All profits from her book sales go directly to the Borneo Orangutan Survival Foundation (BOSF) and Protect Our Borneo (POB).

Q. What made you interested in your topic?

A. Well, personally, I am an animal lover, so this topic is a subject of interest to me. But actually, I chose 'orangutan extinction' for my Personal Project because of social media platforms. I grew interested in orangutans when I see posts from WWF or BOS Foundation about rescued orangutans. And usually, rescued orangutans are found in terrible condition, and I think that made me want to do something to help them.

Q. How does your project make a positive impact on the environment?

A. Since orangutans play a huge role in seed dispersal, they're the ones who regrow the trees in the Sumatran and Bornean forest. So, by helping to save orangutans, you're also helping to save the forest, which is our main producer of oxygen, and by that, you're

helping to save the earth. The Personal Project helps you discover more about yourself, lets you see a bigger perspective of the world, and makes you more aware of the things happening in the world.

Q. What advice can you give to our current grade 9 students to prepare them for the project?

A. Choose the topics that you're interested and good at, and keep up with your action plan so that your goal comes out as you expected in the first place.



▶ **Tristan Chan**

Project: Solar-still device to purify water

Q. How does your topic relate to Tzu Chi and IB philosophies?

A. For almost 3 years now, Tzu Chi and IB philosophies have influenced the way I think. Generally, their philosophies somehow make me a better person by being more open-minded with what's happening outside my community, being aware of the worldwide environmental issues. Therefore, this resulted in my choosing the topic of creating a solution of a cheap water infrastructure (solar still) in providing clean and drinkable water.

Q. How does your project make a positive impact on society and/or the environment?

A. My project converts saline water into clean and drinkable water. This helps society and the environment by providing an achievable, cheap and effective way to obtain clean water.

Q. What advice can you give to our current grade 9 students to prepare them for the project?

A. One of the most important pieces of advice I would like to point out, is time management. Create a timetable or a list of reminders, however, it is very important to make sure that it is achievable and effective.



▶ **Catherine Prudence**

Project: Bacteria themed board game

Q. What made you interested in your topic?

A. I've always been interested in science since I was young and decided that I wanted to challenge myself by doing my project on a topic that I didn't have much knowledge on.

Q. How does your project make a positive impact on society?

A. I designed my project to help teach younger audiences about bacteria which is a topic that may seem boring to them. I then decided on a creative medium to do so, a board game.

Q. Do you think that the Personal Project is a worthwhile activity? Why?

A: Yes, I believe that in the future when having a career in anything, it's important to be able to work on projects which can span a long time. The Personal Project is a way to give students experience on such a thing.

Q. What advice can you give to our current grade 9 students to prepare them for the project?

A: Make a clear plan first so that deadlines for certain parts of the project can pressure you to consistently work on it.



South East Asian Mathematical Olympiad 2017

*"Winning is only half of it.
Having fun is the other half".*
~Bum Phillips

Last November 11, 2017, 15 students from Tzu Chi Secondary School to NJIS Kelapa Gading participated in the annual South East Asian Mathematical Olympiad (SEAMO). This competition is held annually and organized by Mr. Terry Chew of Institute of Mathematical Olympiads. Students really enjoyed this competition because the questions used brain teasers and puzzles which require intuition and intelligence to solve.

The results were quite positive for our school. For the first time we were able to get Silver courtesy of Abigail from Grade 9 Grateful and Justine and Elbert of Grade 11 Grateful. Bronze medalists are William Penn (Grade 7), Hema Sagaro (Grade 8), Jason Kasan (Grade 9), Catherine Prudence (Grade 10) and Hong yi (Grade 10).

My objectives in encouraging our students to join these types of competitions is not about just winning.

Instead, we are raising awareness in our parents and students that these types of activities provides our students challenges outside the normal classroom. Further, it demonstrates participants curiosity, provides them opportunities to be problem solvers and most especially, allows them to have fun with friends, both old and new. Just like the saying goes, "winning is only half of it".

Our apologies for the long wait in the awarding of medals. Due to popular demand in Indonesia, which meant a lot of schools joined the competition, the main office in Singapore took a somewhat lengthy time in producing the results; we received our results just two weeks ago.

By Richard M. Madera
Head of Mathematics

From the MYP Coordinator's Desk

After the successful completion of Personal Project, Tzu Chi Secondary School hosted the first ever IB MYP Personal Project Exhibition. Students across grade 10 displayed their creativity which was warmly received by Tzu Chi School Community. We congratulate to each student of grade 10 who tirelessly worked hard towards achieving such a stupendous success and once again a sincere appreciation to Mr Ryan and his team to achieve this feat.

On April 20th the school will upload onto the IB website a number of Personal Projects to be marked by IB Examiners from different parts of the world in order to moderate all the grade 10 Personal Projects. The final results of the Personal Project will be published on August 1st 2018. We wish our Grade 10 students all the very best for their Personal Project Results.

Last week the English Department hosted a highly interactive student information session about the subject of Secondary English to Primary Grade 6 Students. The aim of the presentation was to inform primary students of what and how students learn English in Secondary. Additionally, the students were given information about what is MYP and what they needed to know about the MYP programme. All the students were excited and are looking forward for their secondary journey in July this year.

Secondary School will be presenting more information on Secondary Subjects to Grade 6 Students this month and next.

At Secondary school we believe that examinations are an important learning aspect on improving and reflecting learning, therefore from May 7th to May 9th all MYP Students from grade 7 till 10 will take the year end exams. There are six subjects that will be examined across the Middle School and those six subjects are: Bahasa, English, Mandarin, Individuals and Societies (known as I&S), Science and Maths. The MYP Year End Exams will be based on IB criteria. The examination schedule has been communicated separately to all parents. All Secondary parents have been communicated regarding the Year End Exam Schedule.

Upcoming event in MYP

- May 7-9th : MYP Year End Exams from Grade 7 to 10. Exam Schedule has been emailed to all parents.
- May 10th-11th : No school for Students.
- May 22nd-25th : Field Trip.
- June 5th : Distribution of Term Reports in tutor group.
- June 8th : Parents Teachers Conference.

