



ZHENGHUA SECONDARY SCHOOL

EVERY STUDENT, A PRINCIPLED AND FUTURE-READY LEADER



Zhenghua Students are...

ARTISTS

- Inaugural ZEST Arts Festival featuring live performances and art jamming by students
- School Musical 2018: Tapestry: When the New meets the Old
- Band: Singapore Youth Festival 2017 - Certificate of Distinction
- Choir: Singapore Youth Festival 2017 - Certificate of Accomplishment
- Dance: Singapore Youth Festival 2017 - Certificate of Distinction (Malay Contemporary)
- Dance: Singapore Youth Festival 2017 - Certificate of Accomplishment (Street Dance)
- Dance: Finalist at the Nationals Super24 Dance Competition 2018
- Drama: Singapore Youth Festival 2017 - Certificate of Distinction
- Drums: Chingay Parade 2017 - Best in Contingent Display Award (Malay Contingent)
- Handbells: Singapore Youth Festival 2017 - Certificate of Accomplishment



ATHLETES

- 2 students represented the Singapore Schools Artistic Gymnastics Team at the ASEAN School Games
- 2nd and 5th place in the Artistic Gymnastics All-Around final at the National School Games
- ODAC: Champion & 2nd runner-up for C Division Girls in the National Orienteering Race 2018



COMPUTATIONAL THINKERS

- 2017 National Media Element Computing Competition Silver Award
- EMS Amazing Race at ITE - 2nd runner-up
- 2018 Cluster West 8 CPA Challenge - 2nd position & 3rd position



DISCIPLINED LEADERS

- Girl Guides: Puan Noor Aishah Award 2017 - Gold
- Girl Guides: Baden Powell Award 2018
- Red Cross: Excellent Unit Award 2017 - Silver
- Red Cross: First Aid Championship Junior, 2018 - Commendation
- Red Cross: First Aid Championship Senior 2018 - Bronze
- Scouts: Frank Cooper Sands Award 2017 - Gold
- Scouts: President Scout Award 2017
- Scouts: Chief Commissioner's Award 2018
- Scouts: The unit was invited to put up a pioneering project to welcome Chief Scout, President Halimah Yacob
- NCC (Air): Best Unit Competition 2018 - Silver
- NPCC: Unit Overall Proficiency Award 2017 - Gold



ORATORS

- 9th Goodtalk Children and Youth Bilingual Speech Competition - First Prize
- 2017 Evergreen Regional Debates - Semi-Finalists



SCIENTISTS

- 2018 11th Singapore Junior Physics Olympiad - Honorable Mention
- PET Bottle Water Rocket Workshop by AES - 2nd prize & 3rd prize
- Wonders of Chemistry Workshop by ZSS - 2nd prize
- Dissection of Life Workshop by JSS - 1st prize & 3rd prize
- Cluster W6/W8 HCl Science Research Project 2018 - Distinction Award



ALUMNI

Our Student, Our Pride: Tey Ming Chuan, Class of 2014

Recipient of the Lee Kuan Yew Award, Ngee Ann Polytechnic Outstanding Achievement Award, Biomedical Engineering Society (Singapore) Gold Medal & Prize, Diploma with Merit, Equip Medical Prize, and the Smitech Prize

Graduating at the top of his Ngee Ann Polytechnic engineering cohort, Ming Chuan has come a long way from his secondary school days. Ming Chuan truly exemplifies the Zhenghua school value of resilience, as he shares, "In spite of the many challenges and doubts I had during my secondary school life, it was an enriching experience. It taught me the importance of prioritising, responsibility and resilience and till this day, these continue to serve me well. An advice that I would like to share is to be daring to try out anything in life. Even if the chances of succeeding are low, you would never know unless you try. The 15-year-old me would never have expected to be who I am today, but it is all possible because I tried and persevered. Try out new things, make discoveries and lead a meaningful life."





A student attempts the Outdoor Rock Wall with a teacher while other students act as belayers on the ground.

Outdoor Education is in the School's DNA

Secondary 1 students will get to try the Challenge Pole, a 10m-high pole, where they leap into thin air and grab a trapeze.

It's one of our school's high elements, and is right in front of the school, as the driveway sweeps to the foyer. It is a daily reminder to students of our emphasis on outdoor education and character-building.

Secondary 2 students will have the opportunity to venture out on a location-based learning exercise for Geography. In PE lessons, they get to try out the vertical playpen, leap of faith, and the rock wall. All of them will also learn kayaking and acquire water confidence skills.

Secondary 3 students get to DIY, plan and execute a three-day, two-night class expedition, taking them as far away as Labrador Park, Changi Chapel, and Pasir Ris.

Led by the PE department, each class breaks into various subcommittees, planning where to go and researching transport routes to each night's campsite.

Unsurprisingly, one of our most popular CCAs is the Outdoor Adventure Club (ODAC).

Whether it's field-cooking, building sandcastles at East Coast Park or cycling on Coney Island, the student leaders plan each week's programme.

ODAC students also have exclusive access to some of the tougher high elements in the school.



Scan the QR Code to get a 360° experience of kayaking!

We're not afraid of heights!

Outdoor facilities in Zhenghua

Outdoor Rock Wall - A favourite with the students, there is an annual intra-school rock-climbing competition, and ODAC members get certified as belayers in their own campus.

Indoor Rock Wall - Two storeys high, it is housed in a pavilion with the Vertical Playpen. For PE lessons and rainy days.

Abseiling Wall - Three storeys high; also used by neighbouring schools.

Challenge Pole - A 10m-high pole (and safety set up) with a trapeze.

Vertical Playpen - The curved net and safety harnesses allow students to climb as far as the pavilion roof.

Leap of Faith - Two high platforms over a metre apart. One student stands on each and they have to swap places.

Broken Bridge - A horizontal rope ladder stretching between two wings of the classroom block, four storeys high.

Multi-Vines Traverse - A tightrope running alongside the Broken Bridge.



Scan the QR Code to get a 360° experience of rock climbing in our school!

ARTS FESTIVAL



ZEST Arts Festival: A Night of Talents

At this year's inaugural Zest night arts festival, students came together to showcase their talents and passion in music, dance, and the arts.

Our parents, alumni and students turned up to support this vibrant display of musical and aesthetic talents. The energy, vibes, lights, music, singing, dancing, exhibition, and food will bring great memories for our students and alumni for years to come.

Scan the QR Code to look at the performances!





UNIFORMED GROUPS

- ▶ Girl Guides
- ▶ NCC (Air)
- ▶ NPCC
- ▶ Red Cross
- ▶ Scouts



CLUBS & SOCIETIES

- ▶ Art Club
- ▶ AVA Club
- ▶ Infocomm Club
- ▶ Library Club



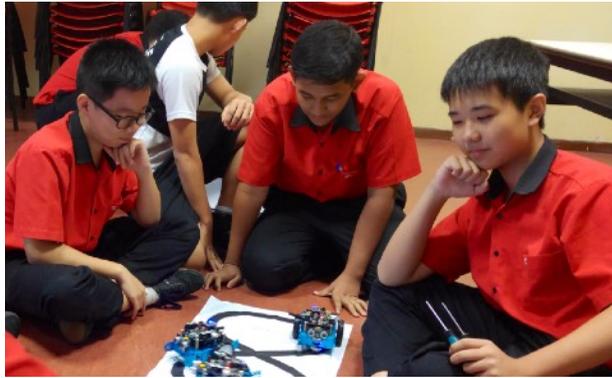
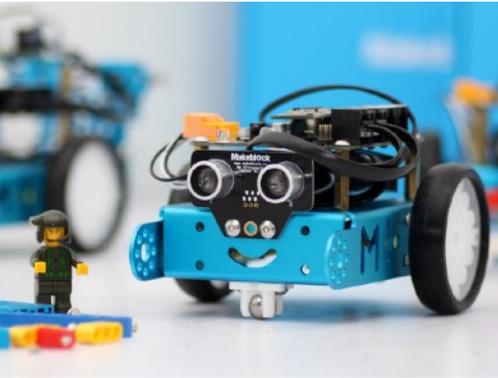
PHYSICAL SPORTS

- ▶ Basketball
- ▶ Netball
- ▶ ODAC
- ▶ Soccer
- ▶ Sports Club
- ▶ Volleyball



VISUAL & PERFORMING ARTS

- ▶ Band
- ▶ Choir
- ▶ Dance
- ▶ Drama Club
- ▶ Drums
- ▶ Handbells



Dance, Robots, Dance!

Through the Applied Learning Programme (ALP), all lower secondary students learn how to command mobile robots, also known as mbots, to sense and react to their surroundings.

Secondary 1 students are engaged in 15 hours of ICT-based lessons on Game Design & Simulation using Scratch Programming. They learn to use simple codes to create animations and games in Scratch. The highlight of the programme is a game design project whereby students work in groups to apply the skills acquired.

Secondary 2 students focus on robotics where they will apply Scratch codes to interact with mbot in a 15-hour hands-on programme. Student work in pairs to complete a mission challenge at the end of this interactive programme. They learn to code from scratch and make their mbots do all sort of things, from simply following lines on the ground to crazy antics such as dancing, to flashing their own "disco lights"!

At the upper secondary levels, selected students get to collaborate with Google, the school's industry partner. Thanks to this partnership, they get the chance to design and come up with mobile apps via a Hackathon event.





The school adopted Pang Sua Pond in 2017 as part of PUB's ABC Waters programme. This location serves as an extension of the school's outdoor education platform to better engage students in authentic and multi-disciplinary learning.

The floating wetland is a good outdoor classroom for students to learn about respecting the environment, and how plants can be used to treat water.

By adopting Pang Sua Pond, students are given the opportunity to apply their learning in an authentic setting while building a better sense of community.

Explore, Engage, Experience!



In 2018, the school launched the E³ (Explore, Engage, Experience) programme at Pang Sua Pond to provide a cross-disciplinary authentic learning experience for students.

The Mathematics, Humanities and Mother Tongue Language departments collaboratively re-designed existing outdoor trails to incorporate meaningful learning activities at the pond.

Using mobile ICT platforms, Secondary 1 students applied mathematical concepts such as polygons and circle properties to learn about the properties of the pond and its surrounding features. They also employed geographical fieldwork skills such as observational sketching to study important features and amenities around the pond.

Secondary 2 students tapped on mobile learning technologies to deepen their mastery of the mother tongue languages in a fun and engaging way. They unleashed their creative skills through vlogging and creative writing in their mother tongue languages. Students explored themes related to the community, water conservation, and recreation, and acquired useful knowledge and vocabulary which served to strengthen their oracy and writing skills.



A student's sketch pointing out the geographical features of Pang Sua Pond.



Connecting with Each and Every Child

"How are you this morning?"

Five simple words, but how often do people ask one another this question? And how many more will actually listen to the answer?

At Zhenghua, teachers start the day chatting with students as part of the Morning Touch-base with students.

Teachers take the opportunity to check in on students' wellbeing during this short chat, which allows students to share their inner thoughts and concerns. They help shape the safe and caring environment that Zhenghua is known for.

All students get to have a one-to-one chat with their teachers at least a few times a year through various platforms such as the morning student teacher conference and class interaction time.

When students need to speak to an adult, they can also turn to the school counsellors. Educators at Zhenghua see more than "a student", we see a unique individual with potential, possibilities, and aspirations.



Ready for the Future

Our comprehensive school-wide Education and Career Guidance (ECG) programme is one of the key platforms in which the school prepares our students for the future.

All students go through ECG lessons to help them become aware of their interests, skills and values. These lessons expose students to various industries and career options, and the different post-secondary options such as ITE, polytechnics and JCs.

Secondary 2 students get to visit specific industries and companies during the Sabbaticals based on their interests. These visits give them a first-hand experience to what working in such industries is like. At secondary 3, students get to sign up for work attachments in diverse fields which gives them an authentic learning experience.

At secondary 4 and 5, students attend a three-day education and career symposium together with transition skills training in personal statement writing and interview skills. Students who need customised education and career guidance can also make an appointment to consult our education and career guidance counsellor. With our comprehensive ECG programme, students are better equipped to make informed education and career choices for the future.

AT A GLANCE

ADDRESS

Zhenghua Secondary School
91 Senja Road, Singapore 677741

CONTACT

www.zhenghuasec.moe.edu.sg

MRT STATION

Jelapang LRT (from Bukit Panjang MRT)

BUSES

920, 922

VISION

Every Student, A Principled and Future-Ready Leader

FOUNDED

2000

DISTINCTIVE PROGRAMMES

LLP: Outdoor Education
ALP: Game Design & Simulation and Robotics

SUBJECTS OFFERED

English
English Literature
Chinese
Higher Chinese
Malay
Combined Humanities (SS, Geog/Hist/Lit)
Geography
History
Social Studies
Additional Mathematics
Mathematics
Biology
Chemistry
Combined Science (Chem, Bio/Phy)
Physics
Science
Art
Design and Technology
Food and Nutrition
Food and Consumer Education
Principles of Accounts
Computer Applications
Elements of Business Skills
Music

CCAS

Uniformed Groups: Girl Guides, Scouts, NCC (Air), NPCC, Red Cross

Visual & Performing Arts: Band, Handbells, Dance, Choir, Drama, Drums

Physical Sports: Volleyball, Soccer, Basketball, Netball, ODA, Sports Club

Clubs and Societies: Art Club, AVA Club, Library Club, Infocomm Club

AGGREGATE RANGE

Express: 206 - 235
Normal (Academic): 171 - 198
Normal (Technical): 110 - 159