



ZHENGHUA SECONDARY SCHOOL

www.zhenghuasec.moe.edu.sg



A student attempts the Cargo Net while his classmates act as belayers on the ground

LEARNING FOR LIFE PROGRAMME (LLP):

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 and the rock walls. 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.

We're not afraid of heights... right?

A run-down of the outdoor facilities in Zhenghua:

Outdoor Rock Wall – A favourite with 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.

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

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



Scan the QR code to learn more about our outdoor education programme!



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

CO-CURRICULAR ACTIVITIES:

The Air Advantage at Zhenghua

NCC is common, but NCC (Air) is much less so. It joins ACS, SJI, Bartley, Changkat Changi, Unity Secondary School and a mere handful of other Singapore schools with Air units.

It's one of the most popular CCAs in the school with some 100 students, and requires oversight from several teachers.

Apart from drills, leadership training and camping, as with other UGs, NCC (Air) members get to visit airbases and fly remote-control planes.

Other CCAs include:

SCOUTS: Zhenghua's Scouts unit is unique in that it offers Chinese Drums as part of the CCA. The Scouts also take part in many outdoor activities such as camping, hiking, and camp-craft activities. They also go on overseas exchange trips.

AVA CLUB: Members get to learn about how the sounds, lights, and visuals contribute to the success of an event. Apart from learning how to manage the equipment, they also get to experience what goes on behind the scenes for every school event.

HANDBELLS ENSEMBLE: Each student is assigned one bell, and the members have to work on their coordination, precise timing, and focus in order to produce a beautiful melody.

DRUMS ENSEMBLE: It's a good way to let loose frustration, but it also teaches the students basic rhythms of drumming.

OUTDOOR ADVENTURE CLUB: Get outdoors and relish in the thrilling fun of activities such as camping, orienteering, hiking, and more. Members pride themselves on being open to new challenges and being resilient.



Cadets forming up for a parade inspection in the school's parade square



The Drums Ensemble performing on stage during Awards Day



PARENTS SUPPORT GROUP (PSG):

Munchies for Graduating Students

Zhenghua's very active PSG raises funds on various occasions to pay for food to fuel the students. In previous years, the funds were used to provide students with dinner and fruits on Friday nights for the Night Study Programme. Under the Night Study Programme, the Sec 4 and 5 students are encouraged to come in and study on any night from 6.30 - 8.30pm in the quiet school canteen, where they are chaperoned by teachers. PSG Chairman, Mr Johnny Ng has been coordinating and helping with the distribution of the dinner for the Night Study for the past three years.

This year, the support took a change and came in the form of provision of munchies for graduating students in the Study Club. The Study Club provides invited students with additional learning support, such as helping them to cultivate good study habits and small group coaching in the core subjects, in the lead up to the final exams.

“ Be it the Night Study or the Study Club, students are focused on their revision. The sessions have helped them greatly as students have a conducive place to revise. As the PSG, it is our pleasure to be able to do something for the graduating students and show our support for them in their final preparation for the exams. ”

Mr Johnny Ng, PSG Chairman 2020

SEC 3 PLACE-BASED EXPEDITION:

Student-Planned, Student-Led

How many 15-year-olds get to plan their own three-day two-night camp?

In Zhenghua, the entire Secondary 3 cohort gets to DIY the adventure hike, instead of just following a teacher's plans, as is the case with the Outward Bound Singapore camps.

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

They may end up as far away as Changi or Labrador Park, or in MOE's Outdoor Adventure Learning Centres.

The food committee allocates how much to spend on each meal (including one barbecue). They even go to supermarkets to buy food.

The students also discuss who takes pictures and even the choice of colour for their class T-shirt.

Heavier items and food is driven to the campsites by staff. And each class has three or four teachers with them.

Since phones are banned on site, it forces the students to talk as they walk. And of course, they learn to negotiate and share duties as well as supplies.

A key takeaway from the students was that the Adventure camp was more fun than



A class pauses for a selfie before ending the hike with some tent pitching (below right)

OBS because they got to plan and execute everything on their own.

Also, with teachers' phone cameras locking away pictures, they all had good memories to share and keep.

Another takeaway was that they all got to bond. Whether it was through chatting while hiking or by sharing food once they arrived at the campsite, bonding was the big thing the students remembered.



AUTHENTIC LEARNING:

E³: Explore, Engage, Experience

Learning does not only take place in the classroom.

Humanities learning is done in a fun and authentic way through Zhenghua Secondary's E³: Explore, Engage, Experience, signature programme.

Students get to visit many interesting places, physically explore the neighbourhood and communicate with members of the community.

Besides Bukit Panjang, students have also explored the Singapore River, Little India and Jewel Changi Airport.

Students also learn by playing games. These include board games that the teachers have specially created to ensure that learning is both fun and enriching.

Students shared that "facts and examples mentioned in the game can be easily

remembered as they appeared many times" and "I enjoyed the game very much. I learnt facts that are not found in the textbook and spent a good time with my classmates."

Teachers also use ICT games like Kahoot and Gimkit to enhance the learning experience for all students.



Students sketching the geographical features of Pang Sua pond as part of the programme

APPLIED LEARNING PROGRAMME (ALP):

Fly, Robots, Fly!

“How often do you shop online? What stuff do you usually buy?” When you make online purchases, do you expect home delivery service? Your answer is a resounding “Yes”, right?

With increasing demand for delivery service due to the booming online business, logistics companies need to find new and innovative ways to meet these demands. Our Applied Learning Programme will provide students with the opportunities to explore the possibilities of using other modes of transportation to meet such rising delivery demands. This includes using the Maqueen robots and flying drones to carry

out the delivery tasks through team activities. Students will also learn to use Scratch Coding to command mobile robots (mBot) to perform tasks such as dancing and wrestling.



CULTURE:

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 listen to the answer?

At Zhenghua, teachers take the time once a week to chat with students during the Morning Student-Teacher-Conference. They take this opportunity to check in on students' wellbeing and needs during this short chat, which allows students to share their inner thoughts and concerns outside the classroom.

All students get to have one-to-one chats with their teachers at least twice a year through various platforms such as the Student-Teacher

conferences, Class Interaction Time and outside of classroom time.

During the Home Based Learning period, teachers continued to connect with students in small groups to check in on their wellbeing and promote social support amongst friends who are comfortable with each other.

These help to shape the safe and caring environment that Zhenghua is known for. Educators at Zhenghua see more than “a student”, we see a unique individual with potential, possibilities, and aspirations.



So how ARE you?

AT A GLANCE

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Phone Number

6763 9455

School Website

www.zhenghuasec.moe.edu.sg

School Vision

Every Student, A Principled and Future-Ready Leader.

How to get there

Nearest MRT/LRT Station

Jelapang

Bus Services

920, 922, 976

Distinctive Programmes

Applied Learning Programme:

Future of Transportation

Learning for Life Programme:

Outdoor Education for Character and Leadership Development

Subjects Offered

Additional Mathematics, Art, Biology, Chemistry, Chinese, Computer Applications, Design and Technology, Elements of Business Skills, English, Food and Nutrition, Geography, Higher Chinese, History, Humanities (Social Studies, Geography), Humanities (Social Studies, History), Humanities (Social Studies, Literature in English), Literature in English, Malay, Mathematics, Physics, Principles of Accounts, Science (Chemistry, Biology), Science (Physics, Chemistry)

CCAs

Physical Sports:

Volleyball, Soccer, Basketball, Netball, ODAC, Sports Club

Uniformed Groups:

Scouts, NCC (Air), NPCC, Red Cross

Visual and Performing Arts:

Band, Handbells, Dance, Choir, Drama, Drums

Clubs and Societies:

Art Club, AVA Club, Library Club, Infocomm Club

