



Delia Memorial School (Broadway)

Steam Education Study Tour in Greater Bay Area



Study Tour Log

16-19/04/2025

Student name: _____

Class: _____ Group: _____

Schedule

Date	Itinerary
<p>Day 1 April 16 (Wed)</p>	<ul style="list-style-type: none"> ➤ Gather in the school Steam lab at 8:00 a.m. ➤ Travel to the cross boarder by coach ➤ Travel to Guangzhou by coach ➤ Lunch ➤ Visit Guangzhou Science Center ➤ Observe Guangdong Tower and inspect Shameen buildings ➤ Dinner ➤ Travel to Huadu by coach ➤ Check-in <p>## Teachers and the group leader should bring the students to the fire escape.</p> <div style="text-align: right; background-color: #002060; color: yellow; padding: 5px; border: 1px solid black;"> ## Day 1: Wear the school PE uniform </div>
<p>Day 2 April 17 (Thu)</p>	<ul style="list-style-type: none"> ➤ Breakfast in the hotel ➤ Go to Huadu Meihua aviation base. ➤ Participate in the research courses (pilot, crew base visit, cloud exploration, starry sky exploration, analog software flight, lunch, aviation science lecture, raptor model making, Morse code, drone explanation and flight, learn about GROB trainer, issue the research certificate) ➤ Dinner ➤ Return to hotel <div style="text-align: right; background-color: #002060; color: yellow; padding: 5px; border: 1px solid black;"> ## Day 2: Wear the school tracksuit </div>

The above itinerary sequence is for reference only and it will be subject to the arrangement of the local tour guide.

Schedule

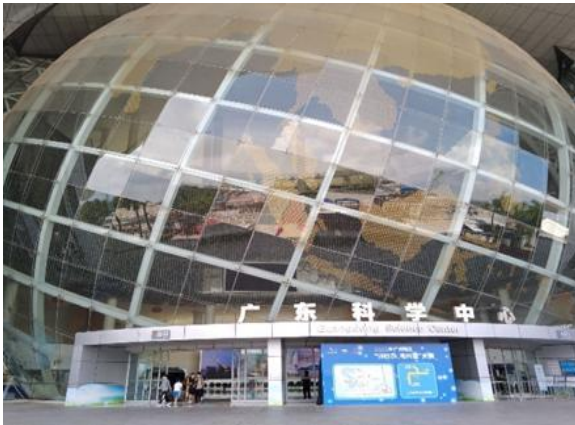
Date	Itinerary
<p>Day 3 April 18 (Fri)</p>	<ul style="list-style-type: none"> ➤ Breakfast in the hotel ➤ Travel to Zhuhai by coach ➤ Lunch ➤ Observe the Zhuhai Grand Theater and Sun-moon shell ➤ Visit Xiangshan Marine Technology Port Unmanned Ship Science Popularization Education Base (China's first unmanned ship research and development science education base, learn about the development history of unmanned ships) ➤ Dinner ➤ Check-in <p style="text-align: right;">## Day 3: Dress in neat casual clothes</p>
<p>Day 4 April 19 (Saturday)</p>	<ul style="list-style-type: none"> ➤ Breakfast in the hotel ➤ Visit By-health Visit the exhibition hall, learn the nutrition tips and understand the social mission of By-health; Experience the standard process to the production area, understand the strict production and quality requirements of By-health; Learn about the leading intelligent production process of dietary supplements, explore new technologies and the industrial acceleration of new equipment. ➤ Lunch ➤ After dinner, take the coach back to the school via Hong Kong-Zhuhai-Macao Bridge. ➤ Return to the school at about 4:30 p.m.. <p style="text-align: right;">## Day 4: Weark the school PE uniforms</p>

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Introduction to inspection sites

Guangzhou Science Center

Guangzhou Science Center is a non-profit social public welfare institution with the theme of "nature, human, science, civilization". It is a venue of social and technical activities that provides the popular science education to the public. Demonstration scenic spot for popular science tourism and leisure. With investment of 1.9 billion yuan, Guangdong Science Center was completed after nearly 5 years of construction and opened to the public on September 26, 2008. Located in Guangzhou Higher Education Mega Center, Guangdong Science Center is a large-scale comprehensive popular science venue for Guangdong Province to implement the strategy of revitalizing Guangdong through science and education and the strategy of strengthening Guangdong Province through talents, and improve the scientific and cultural accomplishment of the public. Guangdong Science Center has four functions, i.e., Popular science education, display of technological achievements, international academic exchange and popular science tourism. It is one of the largest popular science education bases in China and even in Asia, the representative project of green buildings in China, an important window for showcasing scientific and technological achievements in Guangdong Province and the city card of Guangzhou. Guangdong Science Center covers an area of 450,000 square meters with a construction area of 140,700 square meters. The hall has 12 permanent theme pavilions, 510+ sets of exhibits, and 5 science and technology theaters (IMAX giant screen theater 4D theater, 3D theater, ball screen theater, virtual navigation dynamic theater), an outdoor scientific exploration paradise that integrates nature, technology and art, the ecological lake that covers 80,000 square areas, over 2000 unique Lingnan plants and dozens of outdoor exhibitions.



Introduction to inspection sites

By-Health

In 2002, By-health Co., Ltd. systematically introduced VDS to the non-direct marketing sector in China. On December 15, 2010, By-health was listed on the GEM of Shenzhen Stock Exchange, and has rapidly grown into a leading brand and benchmark enterprise of dietary nutrition supplements in China. By-health implements "scientific nutrition" strategy and creates the ultimate scientific nutrition products with the ultimate scientific spirit. In 2021, By-health became the sports food and nutrition supplier of TEAM CHINA and it provides the sports food, nutritional supplements, and professional nutrition preparation plans for 70+ teams.



Introduction to inspection sites

Space popular science base of Meihua Aviation

The base covers 12,000 square meters and it is featured as [scale], [course], [interaction] and [experience], which includes cloud exploration hall, starry sky exploration hall, soaring pavilion, defense system exhibition hall that integrates sea, land, air and space and popular science classroom. The cloud exploration hall is featured as aviation display and experience with space experience and display for starry sky exploration hall, integrated combat system of sea, land, air and space for defense system. The popular science classroom has four large and three small rooms and provides the aviation STEAM courses.

Mystery in the clouds

Aerospace theme exhibition, learn about major achievements of human in the field of aviation and cultivate the ideal of serving the country in aviation.



Star exploration

Aerospace theme exhibition, learn about major achievements of human in the field of space and cultivate the ideal of serving the country in space.



Simulated flight

Enable the students to learn about three most important gestures of airplane flight; It trains the patience, attention and control of teenagers through practice; It guides the teenagers to understand the hardship and perseverance in training for professional pilots from the experience and lessons of takeoff and landing failure and success.



Appearance of Zhuhai Grand Theater and Sun-moon shell.

Sun-moon shell, also known as Zhuhai Grand Theater, is located in the north of Yeli Island, Zhuhai City, Guangdong Province, China. It is an important cultural and artistic performance venue in Zhuhai and the only large theater built on an island in China. It is composed of one big [shell] and one small one, so it is known as Sub-moon shell. Located in Xianglu Bay of Zhuhai, facing the vast sea. Zhuhai Grand Theater covers an area of 59,000 square meters and it was invested and built by Zhuhai Urban Construction Group. It is designed with the one large shell and one small one and it is 90m in height with the capacity of 1550 audiences. The small shell is call as [moon shell] and it is a multi-functional theater with the capacity of 550 audiences. There is an observation deck in the theater, which is convenient for the audience to watch the mountains and the sea.



Xiangshan Marine Technology Port Unman

Located in Zhuhai, Guangdong Province, Xiangshan Marine Technology Port is the first unmanned ship research and development test base in China and it will become a public technical service platform for the design, research and development, and testing of marine equipment in Guangdong, Hong Kong and Macao. On September 11, 2019, Xiangshan Marine Technology Port was officially established. Such technology port is the first unmanned boat research and development testing base in China and a key "Guangdong Hong Kong Macao Marine Technology Enterprise Service Platform" constructed in Zhuhai. It is equipped with the indoor laboratory, testing pool and offshore testing area for 108 sub-class test items in 8 major categories. It becomes a public technical service platform that integrates the design, research and development, experimentation, and application of unmanned ship industry, including industry, academia, research, and application, and it is a base for science and technology base for Guangdong, Hong Kong and Macau.



「海豚1號」水面救生機器人



L30「瞭望者」警戒巡邏無人艇