

How to foster students' self-directed learning through Mainland study tour?

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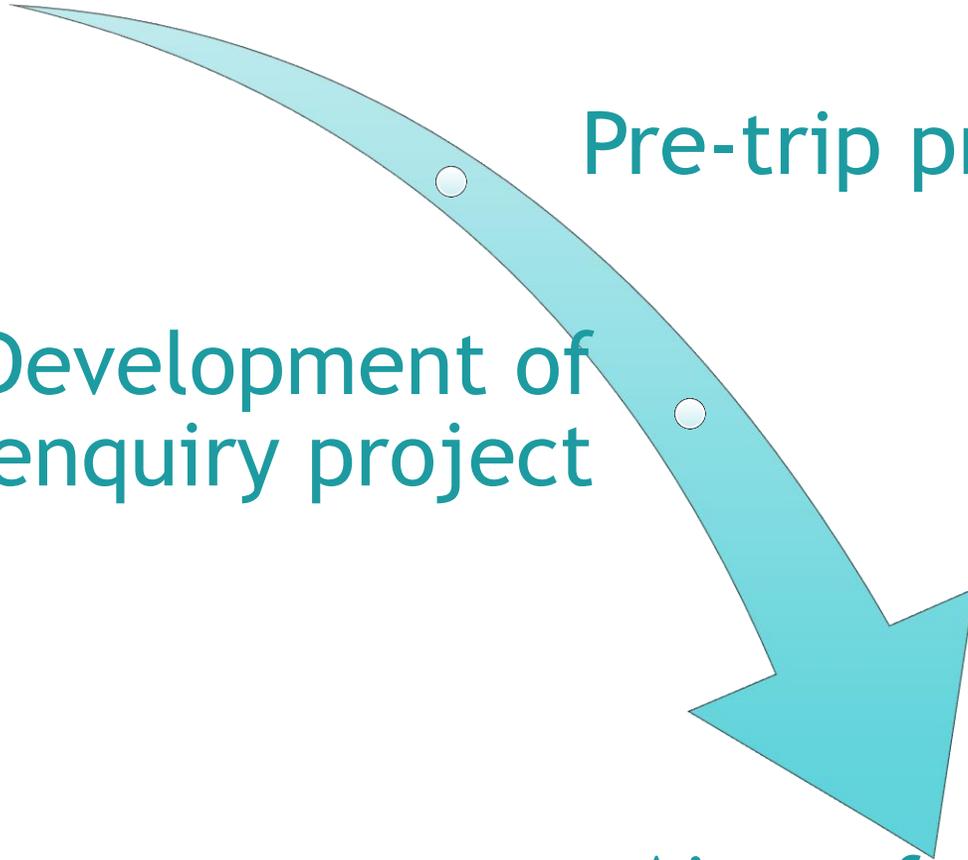
St. Paul's Convent School

Selection of
tour

Pre-trip preparation

Development of
enquiry project

Aims of the tour



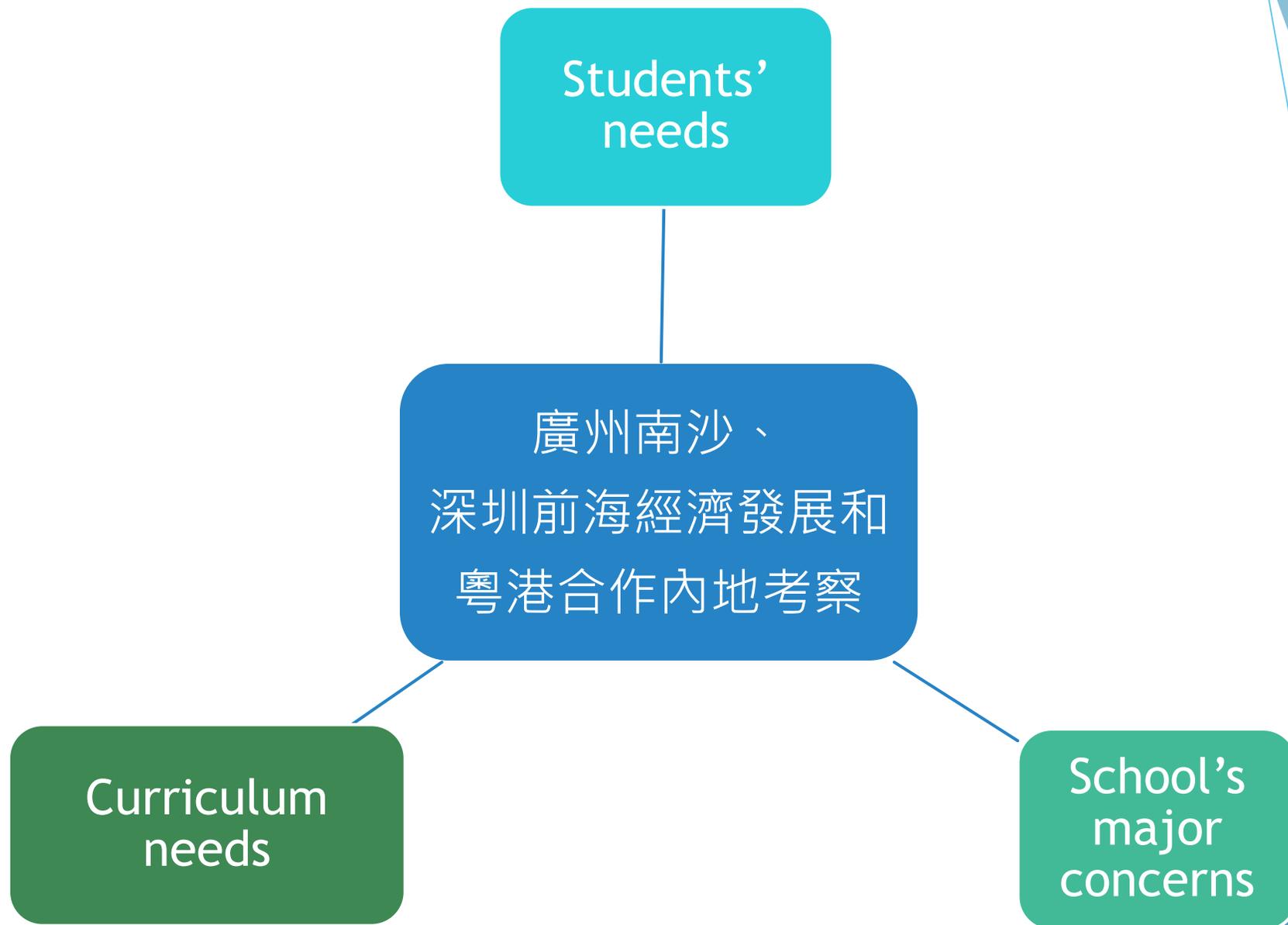
Aims of the CS Mainland tour

To gain first-hand understanding of our country and its latest development

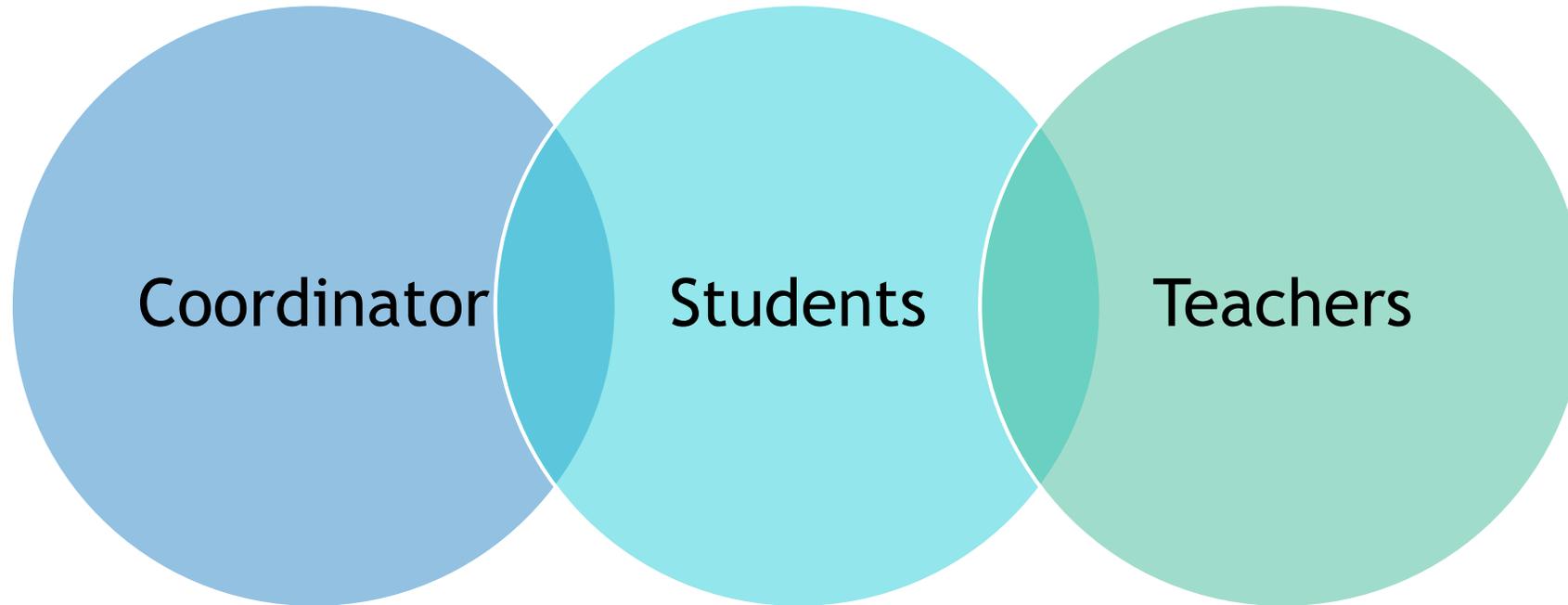
To understand and appreciate Chinese culture

To develop their sense of national identity

To develop students' self-directed learning project skills



Pre-Trip Preparation



Coordinator

Negotiate with the school on the destination / routes



Invite teachers' chaperones

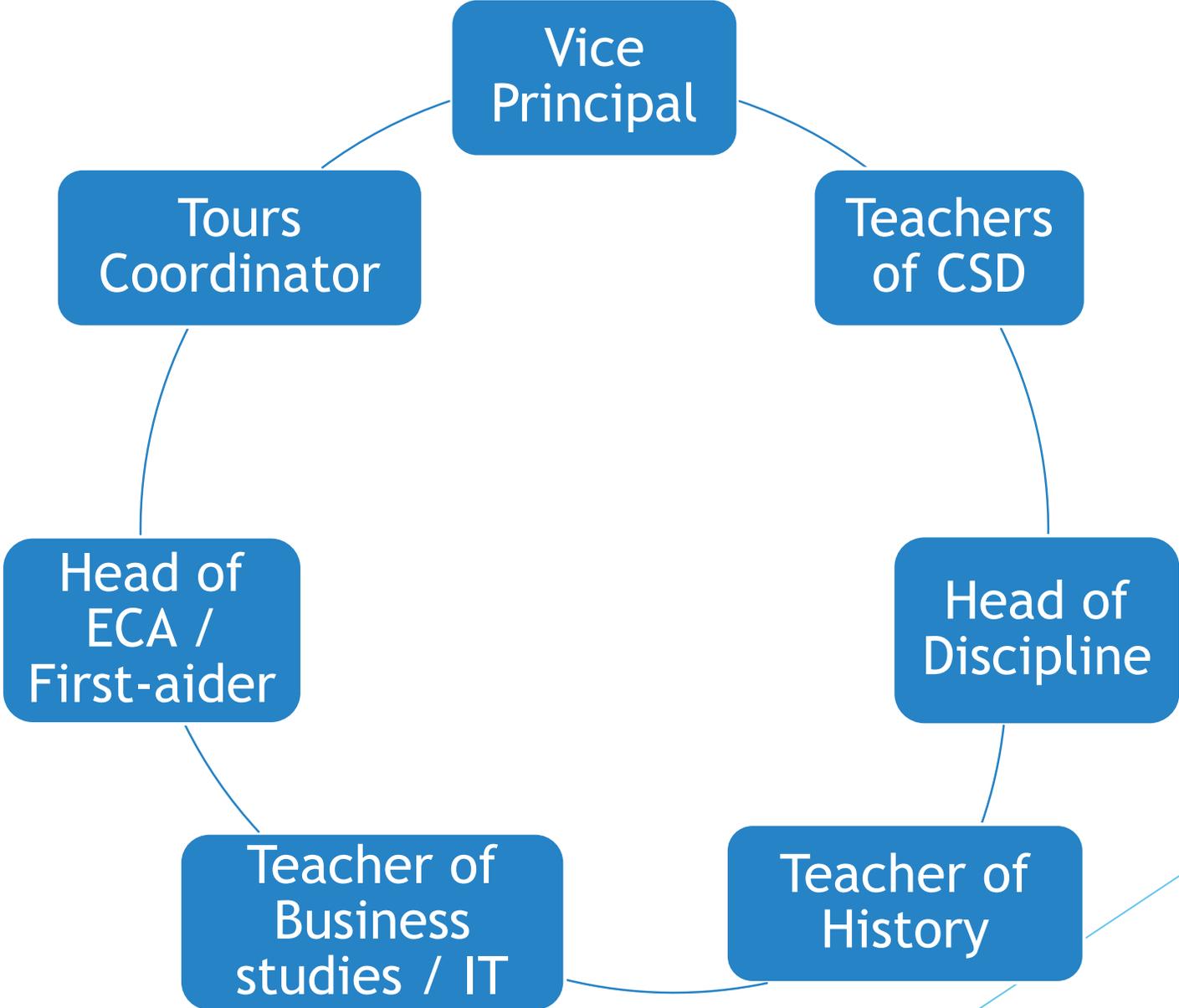


Pre-trip



Briefing for students and teachers

Teachers' chaperones





粵港澳大灣區未來人才計畫

Takeaways:

1. Tips to ride XRL
2. Phone cards
3. E-payment
4. Preparation for certain spots



Pre-trip Briefing

公民與社會發展科內地考察 (2022/23)

行程R11：廣州南沙、深圳前海的經濟發展和粵港合作內地考察 (兩天)

行程簡介會



主辦：香港特別行政區政府教育局

承辦機構：百利國際文化交流中心

Dress Code

Day	Dress code
Day 1	PE shirt + black or navy trousers + School's windbreaker + sneakers
Day 2	Proper school uniform

You should not wear torn jeans / flip flops



銅鑼灣軒尼詩道505號電業城6樓G01號舖
← Data + 40 mins air time
← HK phone number
← \$58



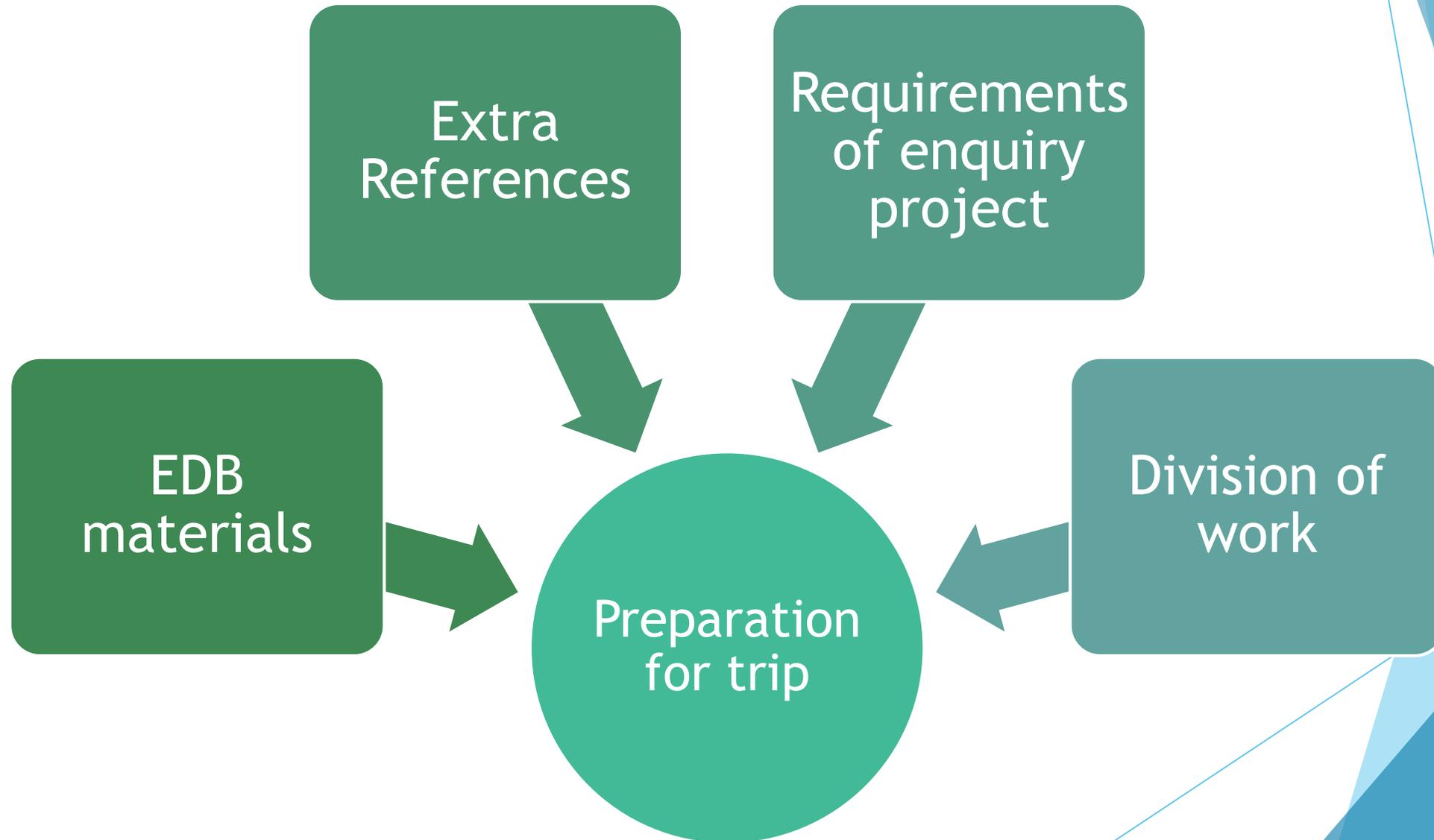
Shop opposite Regal Hotel

← Data + 20 mins air time
← HK phone number
← \$48

Data only →
\$48 →



Students



Pre-trip: Read through the reference materials and finish the pre-tasks

Can work collaboratively with your groupmate

乙. 考察前準備

資料一：關於前海發展的兩段視頻

視頻 1	「前海歡迎你！」 (片長 4 分零 7 秒，沒有旁白，中英文字幕) https://www.youtube.com/watch?v=AW8PuxO4tfQ	
視頻 2	「大灣區發展 前海奠基石：介紹前海發展新藍圖」 (片長 3 分鐘，粵語旁白，中文字幕) https://chinacurrent.com/education/article/2021/09/22640.html	

2. 根據資料二至四，綜合指出南沙將會在經濟、法律、科技、青年創業等方面怎樣深化與港澳地區之間的合作。

經濟	
法律	

During/ after the trip: Complete the tasks assigned

Can work collaboratively with your groupmate

丙. 考察期間的任務

任務一：考察明珠灣開發展覽中心的展品

1. 在下表概略介紹明珠灣開發展覽中心其中三個展廳。

明珠灣總規劃廳	
起步區特色廳	

任務二：重點記錄專題講座講者的分享內容

行程將會安排在南沙考察期間出席一場專題講座，了解南沙的發展機遇和粵港合作項目，試在下表摘錄講者的相關演講內容。

南沙的發展機遇	
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After the trip: Complete the personal reflections

丁. 考察後的反思

綜合從考察及參與講座所獲的資料，南沙在粵港澳大灣區發展當中具備哪些優勢？香港又可以如何配合這些優勢而掌握發展機遇？

MUST work on your own

Personal reflections should be more in-depth & written after collection of data from your groupmate

Teachers

Roles of chaperones

Teachers' briefing



Reminder

Guiding
questions

Groups'
folder

Reference

Reminders to teachers

聖保祿學校
廣州南沙、深圳前海的經濟發展和粵港合作內地考察
隨團老師工作指引

分組安排

A 車 (Ms. C. Tsui)			B 車 (Mrs. L. Ko)		
第一組	第二組	第三組	第四組	第五組	第六組
Ms. S. Lau	Mr. K. Ho	Ms. C. Po	Mrs. C. Cheng	Mrs. M. Iu	Mr. M. Lee

*請帶隊老師在出發前一晚填報《中華人民共和國出/入境健康申報卡》並截圖儲存黑碼。

出發日

- 1 學生集合時間為早上七時三十分，老師須於七時十五分到達學校，在操場 / 兩天操場為所屬組別的學生點名，並派發行李牌。旅遊巴將於七時四十五分出發。
- 2 檢查並收集學生的旅遊證件（身分證、回鄉證）。兩種證件分開放進透明塑料袋，由小組老師代為保管。
- 3 全程留意學生的健康情況。Ms. C. Po (A 車) / Mrs. M. Iu (B 車) 會帶備小藥包出行。
- 4 小組老師致電遲到的學生，了解其遲到或請假原因。學生因事缺席者，請通知 Ms. C. Tsui (A 車) / Mrs. L. Ko (B 車)。
- 5 上車前讓學生先上洗手間，全部到齊後，分組排隊上車。
- 6 第一組老師走在最前，起帶領作用；第二、第三組老師確保學生緊跟隊伍前進。
- 7 上車後，小組老師點算師生人數，到齊即通知旅行社領隊。
- 8 學生名牌和小冊子由教育局準備，老師協助派發。
- 9 提示學生留心聆聽導遊員講解，並給予適當的回應；切勿大聲喧嘩及離開座位。嚴格要求學生遵守紀律，注意安全。
- 10 到達西九龍高鐵站，派發旅遊證件並帶領學生辦理出、入境手續。
- 11 換乘內地旅遊車後收集學生的身分證、回鄉證 / 護照，兩種證件分開放進透明塑料袋。
- 12 下午帶領學生參觀考察，督促學生認真學習，不得掉隊。
- 13 集合時點名，學生到齊後向小組老師示意；解散前提醒學生下次集合的時間和地點。
- 14 到達酒店後，協助分配房間，記下所屬組員的房號及電話號碼，告知學生隨團老師的房

Road to a self-directed project

1st term

- Mini enquiry project
- To introduce elements & format of an enquiry project

Pre-trip

- Components of enquiry project
- Collection of first & second hand data
- Basic data-organization skills

Post-Trip

- Reflections
- Setting of enquiry questions
- Extension of mini project learning



Requirements

- Write an individual report with 5 sections :

Section A	Introduction of the selected area of Scientific & Technology
Section B	Examples of China's technological innovations / achievements of the chosen area (BOTH from <u>InnoTech</u> & your own research)
Section C	Explain how the innovations/ achievements enhance China's national strength
Section D	Explain how the innovations/ achievements promote Hong Kong citizens' sense of national identity
Section E	Personal reflection to the visit

Important skills practiced:

- Collection of first-hand data
- Responding to enquiry questions
- Reflections
- References / citations

Sample of mini project from a F.5 student

B. China's technological innovations/ achievements of Aerospace

China's development in all aspects has been improving at an incredibly high speed since the implementation of reform and opening of the nation. Aerospace is undoubtedly one of the most outstanding sectors. From the first-ever sounding rocket **T-7M**¹ which only has a flight duration of 8 km and the **Dongfeng series missiles**² of 1960s, to the great success of the various space missions including the **Zhurong rover**, which landed on Mars, and the **Gaofen satellite** which is the first civilian remote sensing satellite, both became the exhibits of the Innotech Expo 2022, China showed her strong power on strategies and scientific developments.

Zhurong Rover³

The **Zhurong Rover** is an active Mars rover, it is China's first rover to land on another planet, after the landing of two rovers on the Moon. Being part of the Tianwen-1 mission to Mars, the spacecraft was launched on 23 July 2020 and inserted into Martian orbit on 10 February 2021.



The lander, carrying the rover, performed a successful soft-landing on Mars on 14 May 2021, making China the third country to successfully soft-land a spacecraft on Mars and the second one to establish stable communications from the surface, after the United States.

D. Explain how the innovations/ achievements promote Hong Kong citizen's sense of national identity

By allowing the Hong Kong citizens to get to know more about these advanced technologies of aerospace, they can understand that they have a strong and powerful mother country behind them. It reminds them that China is no longer a weak country that people can only farm or working in factories, instead, they developed some of the most advanced technologies in the world, such as aerospace technologies, which could not even have the space or economical condition to happen in Hong Kong.

⁶ "China - Aviation". 2023. *International Trade Administration | Trade.Gov.*
<https://www.trade.gov/country-commercial-guides/china-aviation>.

⁷ "China's Space Program Is About More Than Soft Power". 2019. *Merics.*
<https://merics.org/en/analysis/chinas-space-program-about-more-soft-power>.

Cultivate habit of reflection and referencing

E. Personal reflection to the visit (impression/ inspiration from the visit)

Although I have heard of the achievements of China from the news and other medias, I am still stunned by the numerous exhibits in the Innotech Expo. No wonder how much effort and time scientists have spent on those projects and these drops of hard work at last gathers to become the success of China. I really appreciates how the scientists spend their whole life, investigating for their beloved career. It is all about their hard work to make “flying to the moon” come true, within just a few decades, from zero to it really happens. It is such a miracle!

From the development of aerospace, I see the beauty and the virtue of the Chinese People, about how they work hard and just quietly, just to achieve something that people might not see it able to happen. It is like a real life “*Yugong move the mountain*”, witnessing the history of miracle to happen makes me gain a lot of confidence towards our country—is there anything that we can’t make it happen?

Last but not least, I wish that I could also work my best for my beloved career in the future ahead, contributing myself to make this world a better world, as I believe that we Chinese People can make anything happen by our own pair of hands.

Reference

"T-7". 2023. *Astronautix.Com*.

<http://www.astronautix.com/t/t-7.html>.

"Qian Xuesn Library & Museum". 2023. *Qianxslib.Sjtu.Edu.Cn*.

https://www.qianxslib.sjtu.edu.cn/en/research/research04_details.php?articleid=1255.

"Tianwen-1 And Zhurong, China's Mars Orbiter And Rover". 2023. *The Planetary Society*.

<https://www.planetary.org/space-missions/tianwen-1>.

"Gaofen 6 (GF 6)". 2023. *Gunter's Space Page*.

https://space.skyrocket.de/doc_sdat/gf-6.htm.

"Chang'e 5'S Reentry Capsule Lands With Moon Samples". 2023. *Cnsa.Gov.Cn*.

<http://www.cnsa.gov.cn/english/n6465652/n6465653/c6810898/content.html>.

"China - Aviation". 2023. *International Trade Administration | Trade.Gov*.

<https://www.trade.gov/country-commercial-guides/china-aviation>.

"China'S Space Program Is About More Than Soft Power". 2019. *Merics*.

<https://merics.org/en/analysis/chinas-space-program-about-more-soft-power>.

Requirements of project

- Project should be conducted in an **individual basis**
- Account for **10 marks** of term marks
- Outcome: An enquiry project with self-chosen topic , topic **MUST** be related to the tour with Chinese cultural elements/ policies
- Format :Written report OR video (~5 minutes viewing time) or any format (must obtain approval from subject teacher)
<Worksheet 1-3 should be submitted as to demonstrate the research process>
- Deadline: Before final exam

Elements of an Enquiry Project

Major aim of the tour

Enquiry Questions
Focus in one of the areas

Teacher will guide you in setting scope / questions after the tour

Introduction
Background of chosen area

Data Analysis
First + Second hand data

Conclusion
Personal Reflection

References
Bibliography and Appendix

St Paul's Convent School
Form 5 Citizenship & Social Development
Secondary Data Collection Log

Name: _____ Class: _____ ()

1. Websites/ sources from the internet: *(Please add new rows if needed)*

Author(s) /Editor(s)	Date of publication	Title of the article	Retrieval date	Name and website (full URL)	Relevance to your topic/ Related enquiry questions

Clear guidelines and self-learning materials given before the trip

Post-trip: Enquiry project from students' reflections

St. Paul's Convent School
Form 5 Citizenship & Social Development
Mainland Tour Project

Name: _____ Class: _____ ()

Base on the Mainland tour, reflect on the followings:

- Select TWO of the most memorable experience during the tour (Attach a photo if possible)
- Explain the significance of the experience (your observation/ your feelings)
- Give examples to illustrate how the Mainland changed during the Reform and Opening-up
- Explain how your perceptions on the Mainland changed (in different aspects)
- Explain how it would affect your future aspirations (in terms of study/ careers)

Choose the scope of your project. Give THREE reasons to explain why.

Based on your initial research, decide your project title for now. You can revise the questions in the course of data collection for the best scope.

Area of focus:	
Enquiry Question:	
Focus question (1)	
Focus question (2)	
Focus question (3)	

Timeline

Base on the project title, plan on your steps of completing the project on time.

Students' reflection

相較於永慶坊的文化保留和在學校的交流，有兩個活動在我這裡超常水準發揮。其一，乘坐小馬智行無人駕駛汽車。我曾以為無人駕駛的技術是高高掛起、觸不可及的。但這次的經歷卻印證了這些高科技是與我們息息相關、密不可分的。乘坐小馬智行時，我不但驚嘆於它能高速且暢通無阻的運行，更是在看到顯示器上車輛自己規劃最佳行駛路線、身邊車輛的風險評估等等數據時感受到了近幾年來中國在科技領域上的投入以致於飛黃騰達。除了小馬智行，另一給我直面衝擊的活動便是參觀前海展覽中心。在踏進宴會廳的那一刻，看著場內整齊排列的椅子以及舞台上重複播放的習主席對話，當下那種輝煌、莊重的感覺撲面而來。在展覽區繞完一圈，我深切明白了那句話「科技興則民族興，科技強則國強」科技是祖國發展的根本，而夢想時祖國發展的動力。大灣區，乃至於全中國，因為有了科技的突破和領先，所以有了發展別的領域的底氣和能力。

或許未來的我亦能有幸得一機會，返回內地學習深造，為祖國注入新血，為民族發展出一分力！

Provide first-hand understanding of our country and its latest development

To develop sense of national identity and future aspirations

I believe that Wing Hang Fong is an inch-perfect example to illustrate the effect of reform and opening-up. During the tour, we **observed that the old area was revitalized into a modish viewpoint where tourists can stroll along the streets. It offers and opportunity to residents and young people to set up businesses in that area, attracting tourists to visit this area, at the same time improving living standards of people over there by earning a profit.**

Before the tour, I thought that **e-payments** would be complicated and uneasy to handle, however, my perceptions completely changed after I tried using the epayments. We can conveniently finish payments just by scanning a QR code. I admire that **the central government value the revitalisation of old streets or areas, striving to boost economic development and encouraging business owners to maximize their benefits.**

Currently, I am studying subjects that are closely linked to business concepts, like economics and BAFS. **Throughout the visit to the Qianhai Shenzhen-Hong Kong Youth Innovation and Entrepreneur Hub, I was able to observe the privileged location of the area and listen to the entrepreneurship adventures which consolidate my knowledge effectively.** The momentous stories of the entrepreneurs and the ease given by the Central Government, **it makes me interested to try to start up a business in Qianhai in the future.** I would like to express my exclusive gratitude to my beloved country, providing this precious occasion, allowing me to **appreciate the greatness of my motherland and strengthening the sense of pride in my heart.**

Appreciate the preservation of Chinese culture and modern life

Relevance to DSE subjects

To develop sense of national identity and future aspirations

Resources used in sharing



- ▶ https://drive.google.com/drive/folders/1m10XKkuzE67U_SLgl9ZQz2JdEQo6q_t0?usp=sharing



THANK YOU!