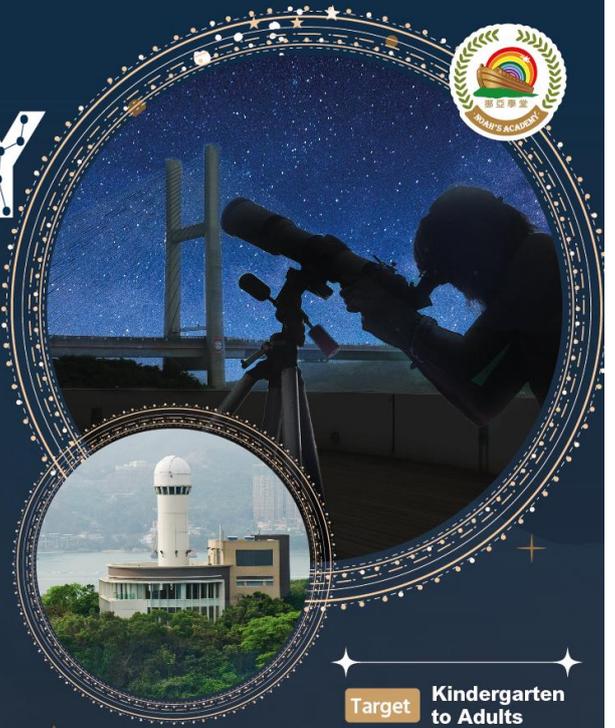




# ASTRONOMY EXPLORATION Base Camp

Join the Astronomy Base Camp in Ma Wan for an extraordinary journey of cosmic exploration! Under the guidance of professional instructors, participants will have the opportunity to create constellation projectors, paper tube telescopes, solar filter glasses, sundials, and more, while learning about lunar phases, the 24 solar terms and the basics of astronomical observation. Moreover, participants will get the chance to assemble and operate professional telescopes to observe the moon, sun and celestial trajectories at the Solar Tower, delving into the mysteries of the universe and enhancing their knowledge of astronomy.



**Target** Kindergarten to Adults

## Constellation Projector DIY

Together, participants will create a seasonal constellation projector and learn the components and structure of the constellation device, as well as projecting seasonal constellation patterns such as the "Big Dipper" and the "Winter Triangle" onto the wall. Through this activity, they will learn about the celestial movements and the laws governing astronomical constellations.

**Capacity** 20 Participants **Duration** 1 hour



## Moon Phase Flip book Workshop

As the moon orbits around the Earth, its appearance continuously changes. Different lunar phases mark specific moments and have distinctive names. Participants will uncover the secrets of the moon's "changing faces" from the flipbook, gaining an understanding of lunar phase cycles and interesting facts about the moon.

**Capacity** 15 Participants **Duration** 1 hour



## Cardboard Tube Telescope Laboratory

Telescopes contribute greatly to our understanding of the night sky. Participants will learn about the structure of telescopes, the principles of optical refraction and the different types of telescope through making their own paper tube telescope. This activity will spark their journey of exploring the stars!

**Capacity** 15 Participants **Duration** 1 hour



## Moon Phase Flip book Workshop

Participants will use professional solar filters to create solar filter glasses, allowing them to safely observe the contours of the sun and also the sunspots, offering a fascinating glimpse into the mysteries of the sun.

**Capacity** 20 Participants **Duration** 1 hour

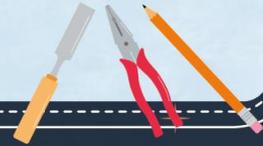


## Wooden Sundial Making



The sundial is an ancient timekeeping device that allows us to measure time, months and the twenty-four solar terms. Participants will learn about the principles of sundials and astronomical knowledge, and develop their own creative wooden sundials to measure time by using shadows.

**Capacity** 15 Participants **Duration** 1 hour



## Solar Telescopes Observation

Participants will utilize one of the largest professional vacuum solar telescopes in South East Asia, which is located at the Solar Tower to track the trajectory of the sun. In addition, they will learn techniques and scientific knowledge related to solar observation while appreciating its unique features and scientific significance. Also, participants will experience the 3D Planetarium at Ma Wan's Solar Tower and learn to operate star charts and astronomical telescopes.

**Capacity** 30 Participants **Duration** 3 hours



## Stargazing Night at Solar Tower



At Ma Wan's Solar Tower, participants will learn to use professional astronomical telescopes to observe celestial bodies throughout the four seasons. They will learn how to use star charts to locate and identify celestial objects visible to naked eye, thereby enhancing their knowledge of astronomy and observation skills. This experience will allow them to enjoy the pleasure of stargazing in an outdoor setting. In addition, participants will enter the 3D Planetarium to explore different celestial objects.

**Capacity** 30 Participants

**Duration** 3 hours



## Planetarium Experience

Participants will enter the inflatable 3D Planetarium to experience the entire celestial sky. They will become familiar with the major constellations of the four seasons and learn to appreciate the beauty of the starry sky through simulated astronomical scenes.

**Capacity** 3 sessions per hour, around 40 participants per session

**Duration** 3 hours



For details  
Mission Development Team  
Tel | (852) 3411 8714

Address | 33 Pak Yan Road, Ma Wan, New Territories, Hong Kong  
Email | mission@noahsark.com.hk



香港挪亞方舟 Noah's Ark Hong Kong |

Co-organizer





# 天文探索大本營申請表

## Astronomy Exploration Base Camp Application Form

### 申請人資料 Particular of Applicant

機構名稱  
Name of Organization : \_\_\_\_\_

機構地址  
Address of Organization : \_\_\_\_\_

活動負責人 / 聯絡人  
Organizer / Contact Person : \*\* 先生 / 太太 / 小姐 / 女士 / 老師 ( 職位 : \_\_\_\_\_ )

電郵地址 (請以大楷英文填寫)  
E-mail address (in BLOCK Letter) : \_\_\_\_\_ 聯絡電話  
Tel No. : \_\_\_\_\_

活動當日團體領隊  
Tour Leader on the day of visit : \_\_\_\_\_ 手提電話  
Mobile : \_\_\_\_\_

\*\* 請圈出適用者 Please circle whichever is appropriate

### 參觀資料 Details of Visit

幼兒 (3歲以下) 人數  
No. of Children under 3 : \_\_\_\_\_

兒童 (3-11歲) 人數  
No. of Children aged 3-11 : \_\_\_\_\_ ( 級別 / Grade )

長者 (65歲或以上) 人數  
No. of Seniors (Aged 65 or above) : \_\_\_\_\_

參觀總人數  
Total Number of Visitors : \_\_\_\_\_

參觀日期 (首選)  
Date of Visit (1<sup>st</sup> Choice) : \_\_\_\_\_ ( )

參觀時間  
Time of Visit : \_\_\_\_\_ 上午 / 下午 / a.m. / p.m.

工作坊時間  
Time of Workshop : \_\_\_\_\_ 上午 / 下午 / a.m. / p.m.

成人 (12-64歲) 人數  
No. of Adults (Aged 12-64) : \_\_\_\_\_

老師 / 職員人數  
No. of Teachers and Staff : \_\_\_\_\_

傷健人士人數  
No. of Disabled : \_\_\_\_\_ (請略述殘疾類別及程度 Please provide the information of disabling conditions)

參觀日期 (次選)  
Date of Visit (2<sup>nd</sup> Choice) : \_\_\_\_\_ ( )

至 \_\_\_\_\_ 上午 / 下午 / to a.m. / p.m.

項目 Item	費用 Price
<input type="checkbox"/> 工作坊 Workshop (1小時/hour)	每項工作坊 Price Per Workshop \$180 (每位港幣計算; 所有進場人士均按此收費) (HK\$ per head, applied to all visitors)
<input type="checkbox"/> 活動 Activity (3小時/hours)	每項活動 Price Per Activity \$7,500 (每組港幣計算; 所有進場人士均按此收費) (HK\$ per group, applied to all visitors)
請選擇主題及教授語言* Topics & Medium of instruction*	
<b>工作坊 Workshop</b> 廣東話 英語 普通話 Cantonese English Putonghua <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 星座投影儀 DIY Constellation Projector DIY <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 月相翻頁書製作 Moon Phase Flip book Workshop <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 紙筒望遠鏡實驗室 Cardboard Tube Telescope Laboratory <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 太陽濾光師 Solar Glasses Inventor <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 木製日晷工作坊 Wooden Sundial Making	<b>活動 Activity</b> 廣東話 英語 普通話 Cantonese English Putonghua <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 立體星象館體驗 Planetarium Experience <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 太陽望遠鏡觀測體驗 Solar Telescopes Observation <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 太陽館觀星夜 Stargazing Night at Solar Tower
<input type="checkbox"/> 代訂午餐 Food & Beverages [用膳時間 Lunch time: _____]	<input type="checkbox"/> 飯盒餐 / <input type="checkbox"/> 12人團餐 / <input type="checkbox"/> 自助午餐 [歡迎查詢餐單] <input type="checkbox"/> Lunch box / <input type="checkbox"/> Group Lunch / <input type="checkbox"/> Buffet [Menu will be provided upon request]

請於適當方格內加上☑  
Please ☑ the appropriate box

### 負責人簽署 Signature and Chop

茲證明所填報資料均正確無誤，並已詳閱及同意附頁之申請須知，包括付款安排、惡劣天氣安排，並其他條款及細則。 The undersigned hereby certifies that all the information provided on this form is complete and accurate, and agrees to the Details of Application, including payment details, adverse weather arrangement, and all of the terms and conditions. [須由機構負責人，例如校長、主席、主任等簽署 To be signed by the person-in-charge, such as Chairperson, Director, General Secretary, etc.]

姓名 : \_\_\_\_\_ 簽署 : \_\_\_\_\_  
Name : \_\_\_\_\_ Signature : \_\_\_\_\_

職位 : \_\_\_\_\_ 日期 : \_\_\_\_\_ 機構印鑒 : \_\_\_\_\_  
Position : \_\_\_\_\_ Date : \_\_\_\_\_ Organization Chop : \_\_\_\_\_

此欄由本館職員填寫 For Office Use Only						
收件日期	負責職員	申請批准☐	退回申請☐	取消申請☐		
備注	旅遊巴申請表 ☐ 代訂團餐 ☐ 餐廳留座 ☐ 訂金發票 ☐ 餘款發票 ☐ 其他 : _____					



## 申請須知 Details of Application

### Application Method 申請方法

- Please send the completed application form to Mission Development Team at email [mission@noahsark.com.hk](mailto:mission@noahsark.com.hk) or fax to 3411-8701. We will acknowledge your application within 3 working days. 請將填妥的申請表格電郵至 [mission@noahsark.com.hk](mailto:mission@noahsark.com.hk) 或傳真至 3411-8701 使命拓展部。我們將於 3 個工作天內回覆。

### Payment Details 付款安排

- 50% deposit should be made within 2 weeks once application is accepted. 須於申請被確認後兩星期內繳付 50% 訂金。
- The number of participants should be confirmed and full / balance of payment be made at least seven working days before the date of visit. No amendment on the number of visitors is allowed after confirmation. 須於到訪前最少七個工作天確實人數及繳付餘款。(人數一經落實，恕不更改)。
- Please make a direct deposit to the "Golden Arc Limited" bank account at HSBC: 808 580815 001. If paying by crossed cheque, please make the cheque payable to "Golden Arc Limited" & send the bank in receipt to us by email [mission@noahsark.com.hk](mailto:mission@noahsark.com.hk) or fax by 3411-8701. 請將款項存入香港上海滙豐銀行戶口號碼 808 580815 001，收款人為「Golden Arc Limited」。如以支票付款，支票抬頭請寫上「Golden Arc Limited」，並將入數收據電郵至 [mission@noahsark.com.hk](mailto:mission@noahsark.com.hk) 或傳真至 3411-8701。
- No refund after payment. 付款後不設退款。

### Terms & Conditions 條款及細則

- Prices are valid till June 30, 2025. All prices are subject to change without prior notice. 價目有效期至 2025 年 6 月 30 日。如有更改，恕不另行通知。
- All confirmed transactions / programmes cannot be cancelled. All transactions/ programmes are non-transferable, non-exchangeable and non-refundable. 所有預訂交易或活動一經確認，將不能取消、轉讓、退換或退款。
- All visitors should follow the Rules and Regulations of Ma Wan Park. Please see the Park website or notices for details. 所有進場人士均須遵守馬灣公園挪亞方舟規則和章程，詳情請參閱本網站或園內告示。
- Adverse weather arrangement 惡劣天氣安排
  - ◆ Typhoon Signal No.8 or above and Black Rainstorm Warning 八號或以上颱風訊號及黑色暴雨警告訊號
    - (a) If the signal remains hoisted at 8 am, the program will be cancelled and rescheduled within 3 months. 如訊號在早上八時前懸掛，當天活動將會取消及安排改期並於 3 個月內進行。
    - (b) If the Typhoon Signal No.8 is hoisted during the program, the program will be dismissed immediately. 如八號或以上颱風訊號在活動期間內懸掛，所有活動會即時終止。
    - (c) If the Black Rainstorm Warning Signal is hoisted during the program, the program will be held as scheduled under a safe condition. 如黑色暴雨警告訊號在活動期間內懸掛，所有活動將於安全情況下如常進行。
  - ◆ Special Arrangement for Kindergartens and Primary Schools 因應幼稚園及小學指引的特別安排
    - (a) Special arrangement will be considered if there are any individual guidelines provided by the schools. Please inquire our staff when you submit the application. 本館會考慮學校因應惡劣天氣之活動指引而作出配合，請於申請時向職員查詢。
    - (b) If the school or organization has special outdoor activities guideline, please send us the request with relevant document 7 days before the visit. 如學校或機構備有外出活動指引，請於到訪前 7 天提供相關檔，以便審批安排。
- All content contained herein is subject to change without prior notice. Noah's Ark Hong Kong reserves the right to change or modify the payment details, terms and conditions applicable to use of this form at any time. 香港挪亞方舟保留權利修改上述安排、條款及細則而不須另行通告。
- In case of any dispute, Noah's Ark Hong Kong reserves the right on final decision. 如有任何爭議，香港挪亞方舟保留最終決定權。

### Personal Data Privacy Notice 個人資料 (私隱) 收集聲明:

- The personal data being collected via current means will be treated in strict confidence and will be used for the purpose of processing of the application only. 於表格內所提供之個人資料只作處理申請之用。
- Applicant has the right to request access to and correction of any of his/her personal data in accordance with the provisions of the Personal Data (Privacy) Ordinance (Cap.486). 根據《個人資料 (私隱) (修訂) 條例》(第 486 章) 的規定，申請人有權要求查閱及更正表格內所提供的個人資料。

By confirming your booking, all terms and conditions contained herein and terms and conditions of the Privacy Policy and Personal Information collection statements are considered and accepted by the applicant. 所有活動一經預訂及確認，即表示閣下對上述條款及規則、私隱政策聲明及個人資料收集聲明內容清楚理解及接受。