

**Travelling Exhibition
instruction manual**

***Disease Prevention
Combat Camp*** from Taiwan

Party A:  **國立科學工藝博物館**
NATIONAL SCIENCE AND TECHNOLOGY MUSEUM

Party B: Exhibition cooperative partner

The Exhibition include

- **Theme : DENGUE FEVER & INFLUENZA**

- **Introduction :**

Are you ready to fight the virus? Get a HERO card and take the challenges!

It's an exhibition about 2 infectious diseases Denque fever and Influenza.

You are here to learn how the virus spreads, the symptoms of infection and also prevention methods. At the Score Zone, you can check the points and keep fighting the virus to become Mighty Disease Prevention Hero!

For more information: Disease Prevention Combat Camp <https://reurl.cc/5ljV1y>

- **Units :** 5 score accumulation units & 1 Augmented Reality (AR) unit.

- **Area :**

Registration Area / Dengue fever area / Influenza area / Comprehensive area (Disease prevention battles stage) / Score Zone / Experience Zone

- **Experience Zone :**

NSTM Provide teaching contents of DIY activities, 2 sets of "Removing Mosquitos' Breeding Grounds" VR game equipment and 1 set of "Exterminator Squad" Dengue Learning Kit which win the 2018 ASPAC Creative Science Communication Award.

Basic Information

- **Language** : English
- **Exhibition area** : About 300 m²
- **Exhibit volume** : Forty-foot equivalent unit (FEU)
- **Assembly requirements** :
 - Exhibition Setting : **4** Technical staff for **8** days, include the distance, training and opening ceremony
 - Exhibition move out : **2** Technical staff **5** days
- **Party B provide** :
 - Provide the location, electricity (5 loops, all of which can carry 10A of current, each with a separate switch that the Exhibition requires, at no costs to **NSTM**).
 - Technician responsible for troubleshooting.
 - Facilitate the operation of the Exhibition. This includes maintenance operation of the Exhibition and conducting promotional campaign for the Exhibition and bear the relevant costs.
 - Conduct the program and DIY activities during the Exhibition, include venue layout, consumptive materials of DIY activities and staff.
 - Agree to be responsible for printing the QR Code Cards that the Exhibition requires during in **Party B** after 5000 QR Code Cards in Chinese version provided by NSTM have finished.

Charge

- **40-inches container transportation and insurance:**

Reference price

Kaohsiung ⇌ Penang, Malaysia NT\$1 million

- **Assembly and spare parts costs:**

Singapore NT\$650,000

Others in Southeast Asia NT\$520,000

- **Premium:**

For the 1st-3th month: NT\$350,000/month

From the 4th month : NT\$100,000/month

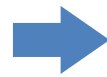
Procedure of Cooperation

Up to **4** months
before opening

Party B determine the exhibition time and place.
NSTM conducts insurance transportation fee visits and drafts the contract.

Up to **3** months
before opening

Sign the contract



Party B pay the down payment **30%**.
NSTM reserves the exhibition period.

2 months
before opening

Party B provide floor plan and organizer logo.
NSTM draws the layout map and Master vision of the exhibition.

NSTM 1. Outsourcing insurance of transportation
2. Master vision production and spare parts procurement.

1.5 months
before opening

Party B pay the second installment **40%**.

NSTM start packing, loading containers and shipping.

Procedure of Cooperation

A week

before opening

Technicians arrive at the exhibition site and begin assembly.

2 days

before opening

Guided education training, maintenance technical education and training

Opening Ceremony

Within a week
after opening

Party B pay the last installment **30%**

During
the exhibition

Party B will provide the number of visitors to NSTM **every month.**

Move out Exhibition

Addition

- **Diseases Prevention Combat Camp**

It's a NSTM permanent exhibition about five infectious diseases, Influenza, AIDS, tuberculosis, enterovirus and Dengue fever, with 13 highly interactive exhibition units. Visitors are here to learn how the virus spreads, the symptoms of infection and also prevention methods.

It can accommodate up to **37 people to interact with the exhibits at the same time**. The exhibition area is 850 m² and **can accommodate 120 people** (people waiting in line and onlookers aren't included).

Currently, only dengue fever are and Influenza are on display for travelling exhibition. If you are interested in complete exhibition, we can discuss further. Now the permanent is only in Chinese, not include the time for translation, it will take about 120 days for production.



INFLUENZA



DENGUE

Sep.1st - Dec.31st 2018

**Disease Prevention
Combat Camp**
DENGUE & INFLUENZA
From TAIWAN



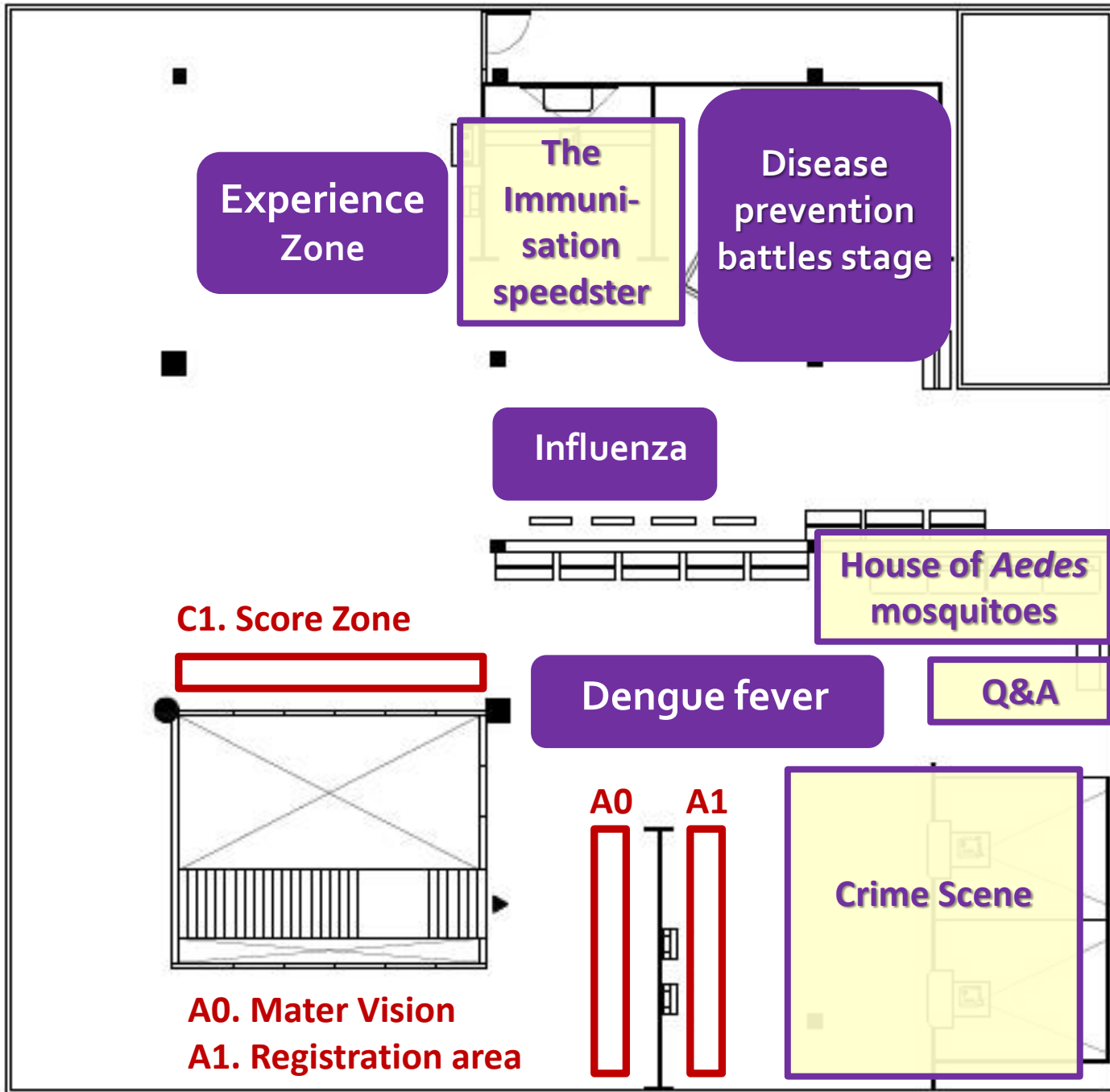
Welcome to "Disease Prevention Combat Camp"! Come closer to see how mosquitoes act as vectors to spread the mosquito-borne disease, dengue fever. Also another infectious disease, influenza. You are here to learn how the virus spreads, the symptoms of infection and also prevention methods.

Let us be the Mighty Disease Prevention Hero to combat the virus!

Welcome to

Disease Prevention Combat Camp from Taiwan

Come closer to see how mosquitoes act as vectors to spread the mosquito-borne disease, dengue fever. Also another infectious disease, influenza. You are here to learn how the virus spreads, the symptoms of infection and also prevention methods.



Registration area

Welcome to
"Disease Prevention Combat Camp"

Are you ready to fight the virus?
Follow the steps below!
You are the next Mighty Disease Prevention Hero!



Obtain your HERO card



Scan the QR code, take a picture,
and complete the registration.

GO!

Welcome to the Combat Camp!
The game will now begin!
Good luck fighting the virus!



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1. 輸入遊戲日與地點一組。
2. 此卡可重複使用，數量共計
超過壹萬份。

4. 詳見於 衛生局防疫資訊網
及 科學工廠網站



Registration area in Tech Dome Penang





Disease Prevention
Combat Camp
DENGUE & INFLUENZA

Please turn over your HERO card and scan the QR code on the back to complete the registration.

This card features a pink robot on the left and a HERO card on the right. The background is blue with white clouds and a cartoon boy with large eyes and a girl in a hat peeking over a ledge.

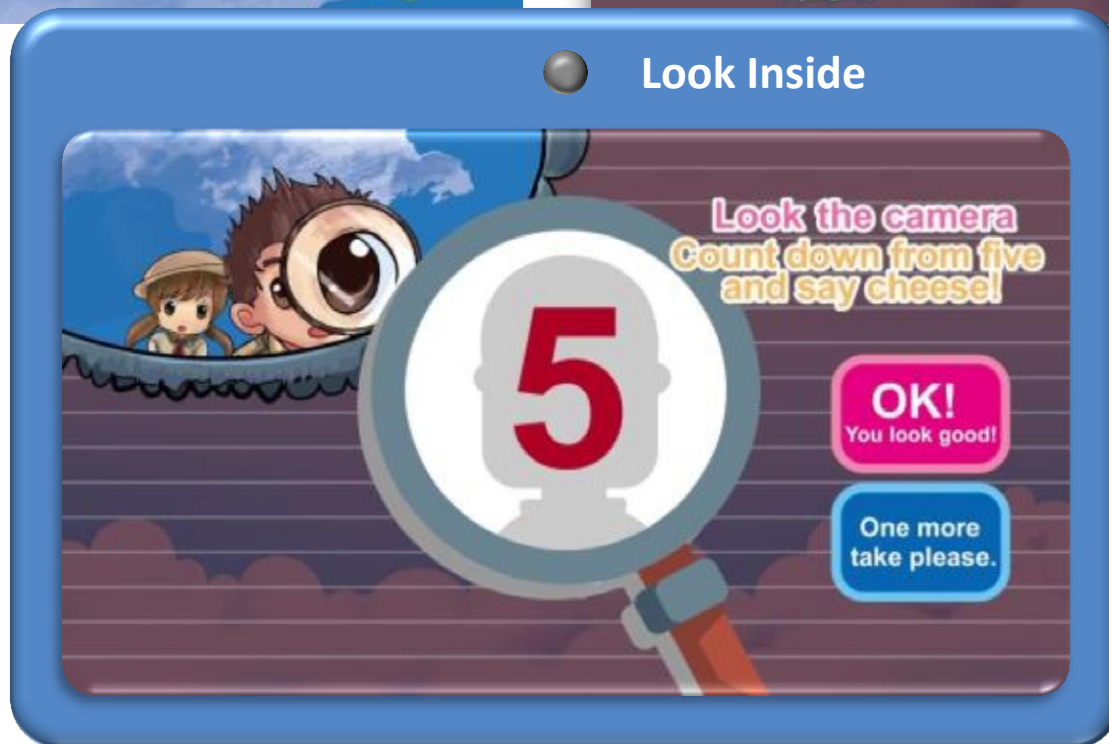


Registration Successful!

Welcome to the Combat Camp!
Let's go fight some viruses!

DENGUE
INFLUENZA

This card has an orange header and a brown background with white clouds. It features the same cartoon characters as the previous card and two circular icons: a mosquito for Dengue and a virus for Influenza.



Look Inside

Look the camera
Count down from five
and say cheese!

5

OK!
You look good!

One more
take please.

This card is framed like a camera viewfinder. It shows the cartoon characters in the viewfinder. A large magnifying glass is positioned over the center, displaying the number 5. There are two buttons on the right: a pink one for 'OK!' and a blue one for 'One more take please!'.

Master Vision



Dengue fever

- * The symptoms, the transmission paths, and the global distribution of Dengue fever.
- * Letting the audience understand *Aedes* mosquitoes' breeding ground, habits and their variety.



Dengue fever Area for travelling in Tech Dome Penang



Crime Scene

There are both outdoor and indoor scenes. The exhibition visitors have to identify the most common mosquito breeding grounds to kill the larvae through the shooting game.

In the form of entertainment, the information about breeding grounds is reinforced in the minds of both the game participants and the surrounding observers.



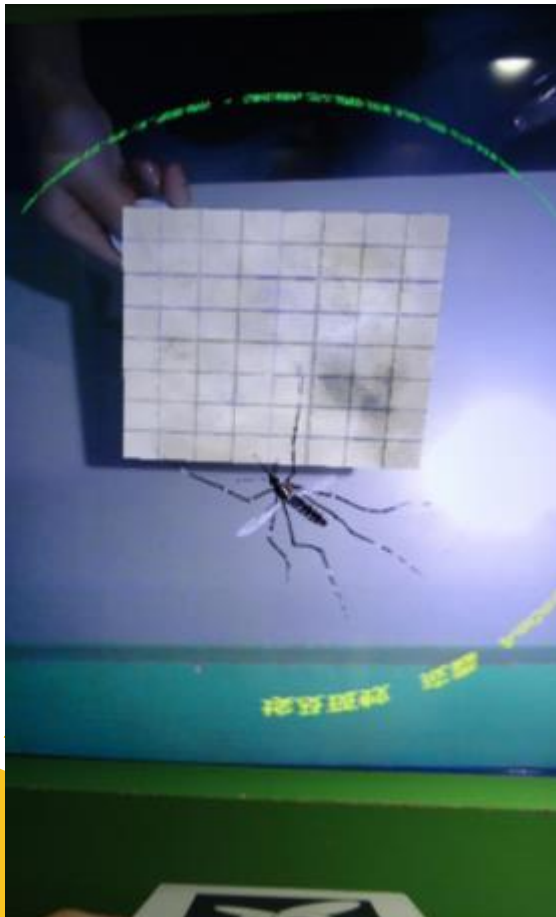
案發現場

Crime Scene



Home of *Aedes* Mosquitoes

With "Augmented Reality (AR)", exhibition visitors are able to observe the four stages of mosquitoes' life cycles and their breeding grounds.



Eggs

Where do that *Aedes* mosquitoes tend to lay their eggs?

Eggs of *Aedes* mosquitoes can endure extreme drought. Even if dried out for months, once soaked in water the eggs will hatch into larvae in 2 to 3 days.



Larvae

Look at the way the larvae swim. Which letter of the alphabet does it look like?

Larvae of *Aedes* mosquitoes live in clean waters, and live on micro-organisms in the water. It takes about 7-10 days to develop into pupae.



斑蚊之家

House of *Aedes* Mosquitoes




Q&A

There are 5 out of 8 questions and 17 answer cards, checking out how much you know about Dengue fever.

Which of the following diseases are transmitted by the *Aedes* mosquito?
經由斑蚊叮咬而傳染的有哪些疾病?


1 2 3



Please arrange the four stages of the mosquito life cycle in the correct order.
請排列蚊子的四個蟲期

1 2 3

Adult 成蚊



 Egg 卵	 Larva 孑孓	 Pupa 蛹	 Adult 成蚊	 Cocoon 蟲繭
 <i>Aedes aegypti</i> 埃及斑蚊	 <i>Aedes albopictus</i> 白線斑蚊	 <i>Culex</i> 家蚊	 Dengue fever 登革熱	 Chikungunya fever 屈公病
 Zika virus 茲卡	 AIDS 愛滋病	 Hepatitis 肝炎	 Dengue hemorrhagic fever 出血熱症狀	 Fever 發燒、頭痛
 Muscle and bone pain & eye socket pain 關節、肌肉、眼眶痛	 Rash 皮膚出現紅疹	 Loss of appetite 食慾不振	 Cough 咳嗽	

Influenza

- *Introduction of the differences between the common cold and influenza.
- *Gene mutation of virus.

The Immunisation speedster

Check out how much you know about influenza.



防疫飛毛腿

The immunisation speedster



Influenza Area for travelling in Tech Dome Penang



Disease Prevention Battle Stage

All the information in the exhibition is reviewed in a game similar to a dance machine.



防疫大擂台

Disease Prevention
Battle Stage



Experience zone



DIY mosquito traps

Prepare plastic bottles, black tape and sugar water for parents and children to make DIY mosquito traps together, and let them bring back home to catch mosquitoes. This is the helpful activity for the residents of Southeast Asian countries. With humid and hot climate, the area where mosquitoes breed easily.

VR Game

NSTM offers two sets of VR “Removing Mosquitos’ Breeding Grounds(Chinese)”



Dengue Kit

Exterminator Squad for parents and children to know dengue fever better.

Scoring Zone



★ You are here!

1.	100
2.	100
3.	100
4.	100
5.	400
Total	400

案發現場
Crime Scene

1 室內
Indoor

2 室外
outdoor

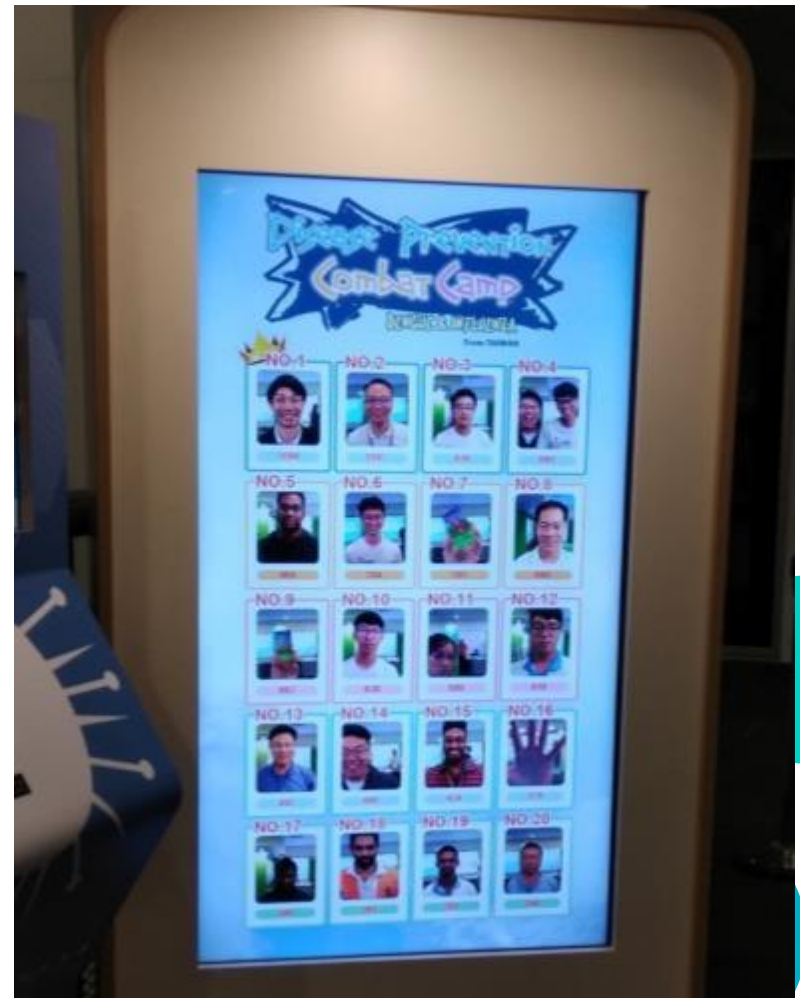
3 孳蚊之窩
House of Aedes Mosquitoes

4 防疫飛毛驢
The immunisation speedster

5 防疫大擂台
Disease Prevention Battle Stage

The diagram shows a floor plan with numbered zones and a star indicating the current location.

After the training and the challenges, score on HERO cards are calculated.



Are you "Gold Medal", "Silver Medal", or "Begginer" ?



Mighty Disease Prevention Beginner

初學認證

40

Oh oh ! I see so many diseases still around you. You aren't strong enough to defeat them, keep fighting and eliminating more viruses !

This medal is gold with a red and white striped ribbon. It features a silhouette of a person's head in a white circle, with the number 40 below it. The background is a dark brown with a subtle pattern of viruses and a mosquito.



Mighty Disease Prevention Fighter Silver Medal

銀色勳章

80

Good job! You have potential, so keep on trying! You'll soon be a Hero.
做得好！也很有潛力囉！繼續加油 - 成為英雄不遠了！

This medal is silver with a red and white striped ribbon. It features a silhouette of a person's head in a white circle, with the number 80 below it. The background is a light grey with a subtle pattern of viruses and a cartoon bird.



Mighty Disease Prevention Hero Gold Medal

金色勳章

100

Congratulations! You are now a Mighty Disease Prevention Hero! Don't forget to help others to defeat the viruses !
恭喜你！你太棒了，現在你已經成為優秀的黃金戰士了！別忘了幫助其他人完成打敗病毒的任務囉！

This medal is gold with a red and white striped ribbon. It features a silhouette of a person's head in a white circle, with the number 100 below it. The background is a bright yellow with a subtle pattern of viruses and two cartoon children standing next to a trophy.

Now,
pick your HERO card and start the game!

