

Make a Difference in Student Presentation by Integrating VR

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Mr Yung Tin-yau

Kowloon Bay St. John The Baptist Catholic Primary School



Outline

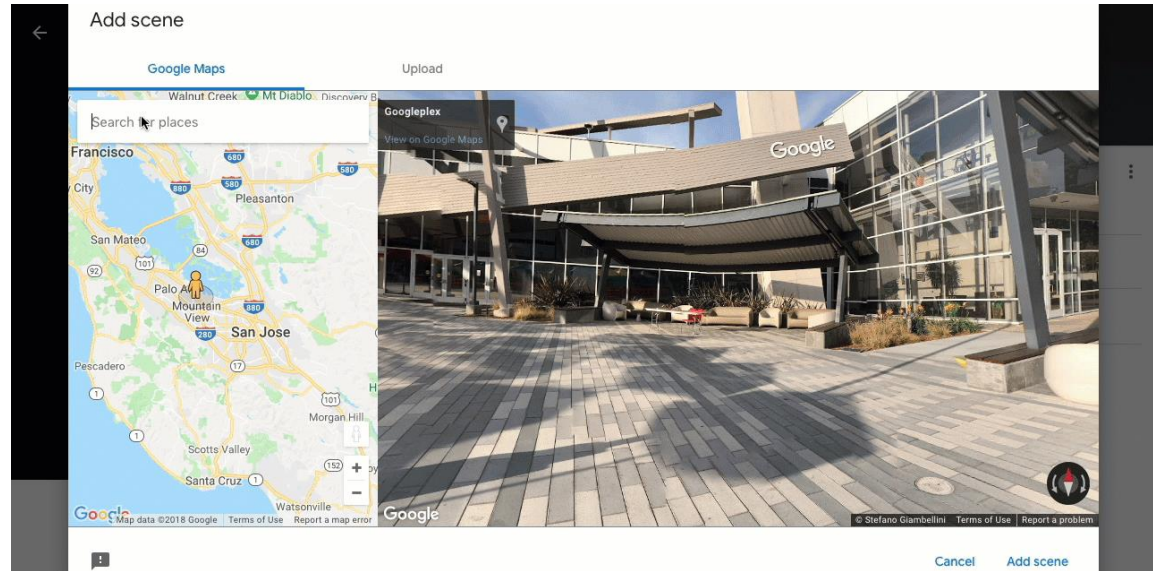
A. Travelling with KBSJB students

B. A Glimpse of the Project

- Objectives
- Timeline
- Curriculum
- Sustainability

C. A Closer Look at the Key Stages

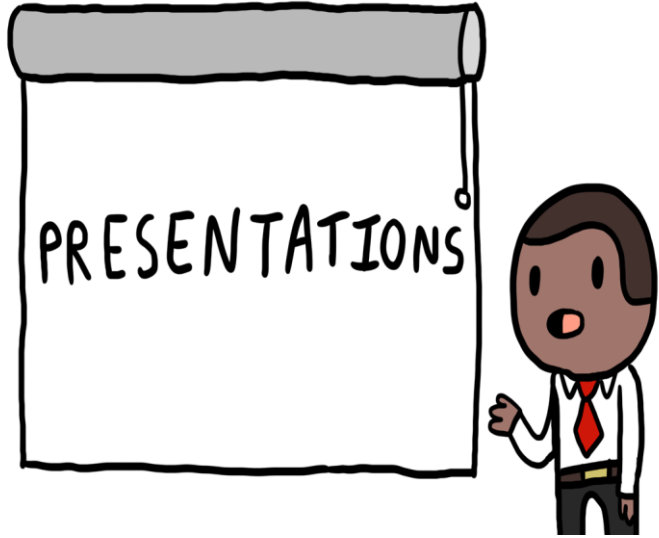
- Google Search + Pictures
- Google Doc
- From Text to Speech
- Tour Creator + Expedition



Let's explore a short tour guided by KBSJB students



Which is more attractive?



Objectives

- To increase students' confidence in **speaking** and presentation.

- To foster **self-directed learning** ability among students.

- To enhance students' **reading** and **writing** skills.

- To develop students' **collaboration, information technology** and **problem-solving** skills.



Timeline



STAGE 01

Opportunity:

Presentation of Hong Kong tourist attractions in New Zealand and to students from mainland China



STAGE 02

Implementation:

P.4 English Elite Class (10 students)
Work in groups of 2/ 3
Guided by LET and NET



STAGE 03

School-based Curriculum:

2019-2020 2nd Term
Module 1 : We Love Hong Kong
Travelling Around

Curriculum

Lesson 2

Choose spots
Google Doc



Lesson 5-8

- Collaborative writing -Google Doc
- Tour Creator
- Google Expedition



Lesson 1

- Introduction
- Set the context
- Brainstorming

Lesson 3-4

Google Search
Picture Search



Lesson 9-10

Practise
Presentation



Sustainability

Be a little teacher
Develop leadership skills



Free, stable, sustainable Google services:
Google Search, Google Doc, Tour Creator, Expedition



Self-directed learning



Benefits of Project-based Learning
Communicative English & presentation skills



Google Search

Equipped students with I.T. skills → Facilitate self-directed learning ability

Cultivation of **information literacy** → Enable students to learn online



Teach searching skills for **information**:

- operators (e.g. AND, OR, BUT)
- exact search (e.g. “puppy”)
- related sites (e.g. related:www.kbsjb.edu.hk)

Teach searching skills for **images**:

- size, types





disneyland hong kong

Any colour
 Black and white
 Transparent

Any type
 Clip Art
 Line Drawing
 GIF

[All](#) [Maps](#) [Images](#) [News](#) [Videos](#) [More](#) [Settings](#) [Tools](#)

Size Colour Usage Rights Type Time

Any size
 Large
 Medium
 Icon

castle toy story hotel attraction frozen

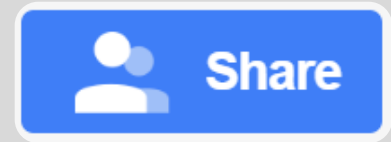




Google Docs



- Everyone can work in the same document at the same time.
- Click “**Share**” and let classmates, teachers view, make suggestion that you can accept or reject, or edit your document directly.
- When someone is editing your document, you can see their cursor as they make changes or highlight texts.
- Chat with others directly inside any document.



SAN FRANCISCO
Kim
May 7

You have to check out t
Tom



Convert text to speech


Simply copy and paste your text in the box below :

50000 characters remaining

Select language: US English ▼

Select voice: Alice ▼

Select speed: medium ▼

Create Audio file 

<http://fromtexttospeech.com/>

Enter the text here and change it to audio file. Upload the audio file as narrations for the VR tour.

British English / US English

slow / medium / fast / very fast

Male / Female Voice

Tour Creator



vr.google.com/tourcreator



Tour Creator



vr.google.com/tourcreator

Step 1:
Sign in and
get started

Step 2:
Add or edit
a scene

Step 3:
Add a point
of interest

Step 4:
Publish
your tour

Tour Creator - Add New Tour



+ New tour

Templates



Welcome to Tour Creator

Build immersive, 360° tours right from your computer

Tour Creator - Add New Tour



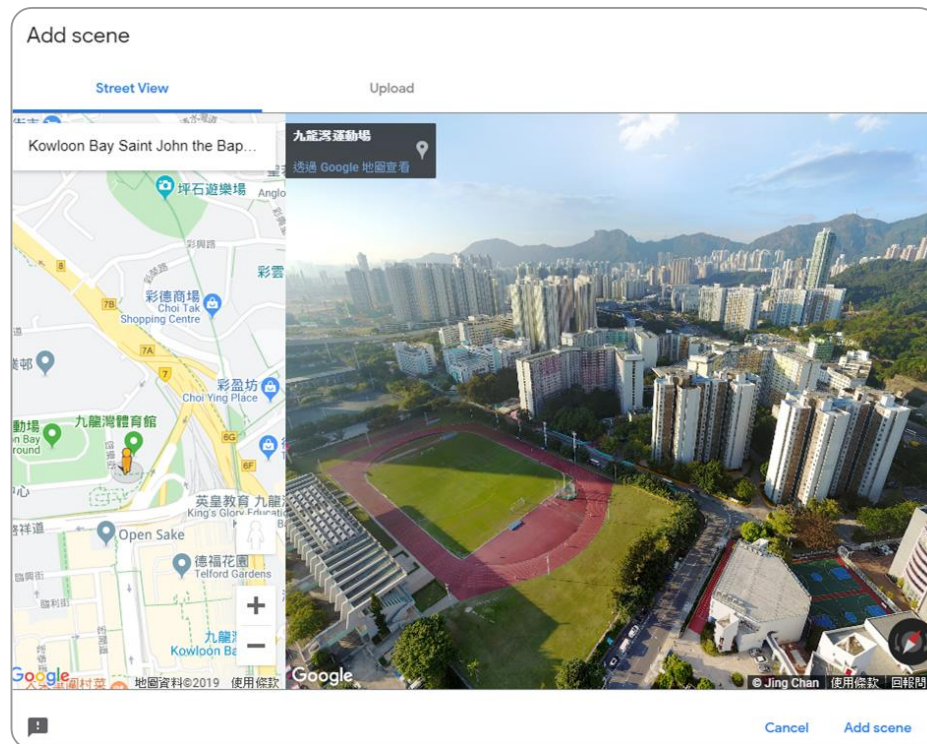
- Cover photo (2D photo)
- Title
- Description
- Category
- To guide this tour, make sure you're signed in with the **same Google account** that **you use for Google Expeditions**.

The screenshot shows the 'Add New Tour' form in the Tour Creator interface. On the left is a large dashed box for the cover photo with the text 'Cover photo', 'Drop an image here or', and a blue 'Select an image' link. Below it, it says 'Allowed file types: .jpeg, .jpg, .png'. On the right, there's a 'Title' field with 'Untitled tour' and a character count '13/50'. Below that is a 'Description' text area. A 'Category' dropdown menu is visible. At the bottom right, there's a 'Using this tour in Google Expeditions?' section with a red flag icon, a warning message, and a 'Learn more' link. At the very bottom right are 'Cancel' and 'Create' buttons.

Tour Creator - Add tour scenes

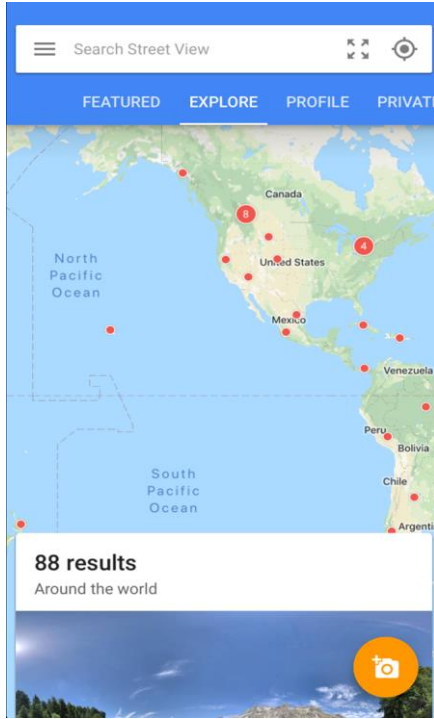


1. Click **Add scene**.
2. To add an image, choose an option:
 - **Add a Google Street View panorama:** Click **Street View**, search for a place, and press **Enter**.
 - **Add your own photo:** Click **Upload** and select an image.

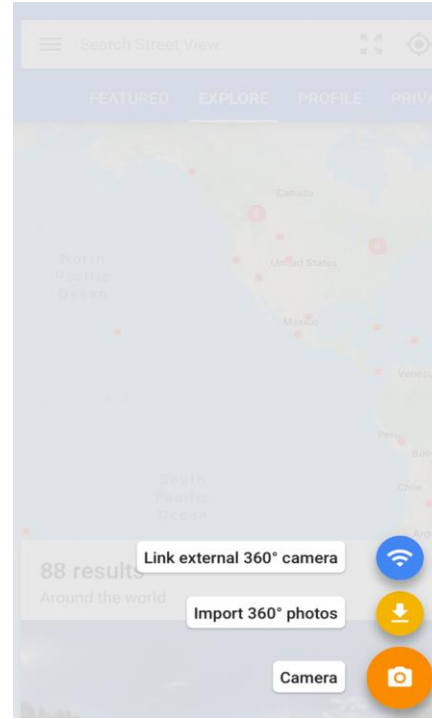





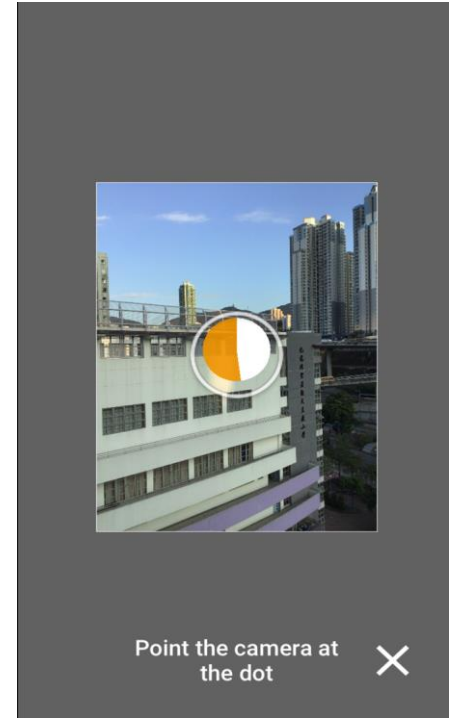
Create 360
photo with a
phone or pad
by
Google Street View




Tap Create  .



In the bottom right,
tap Camera  .



Take a series of photos. At
the bottom, tap Done  .

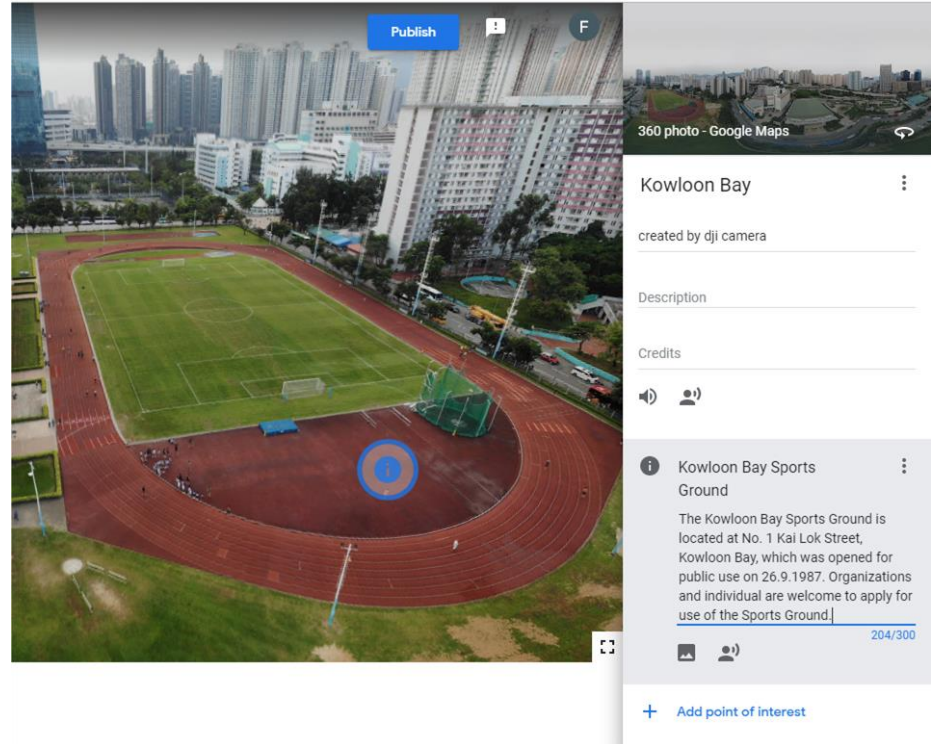


Your 360 photo is stitched together and saved in the "Private" tab on your phone.
The photo is also saved on your phone

Tour Creator - Add point of interest (POI)



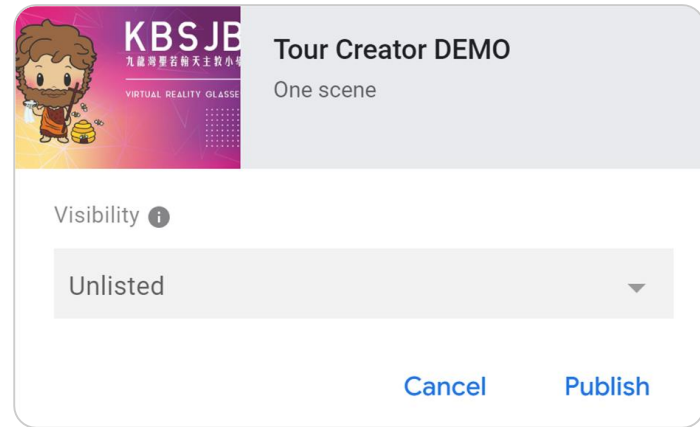
1. Click **+ Add point of interest**.
2. Use your mouse or pad to click and drag the POI ⓘ.
3. On the right, add a title and description for the point of interest.
4. To add a picture, click Add image overlay 🖼️. Then, select a photo.
5. To add narration, click a point of interest > **Add Narration**. Then, select an audio file.



Tour Creator - Publish your tour



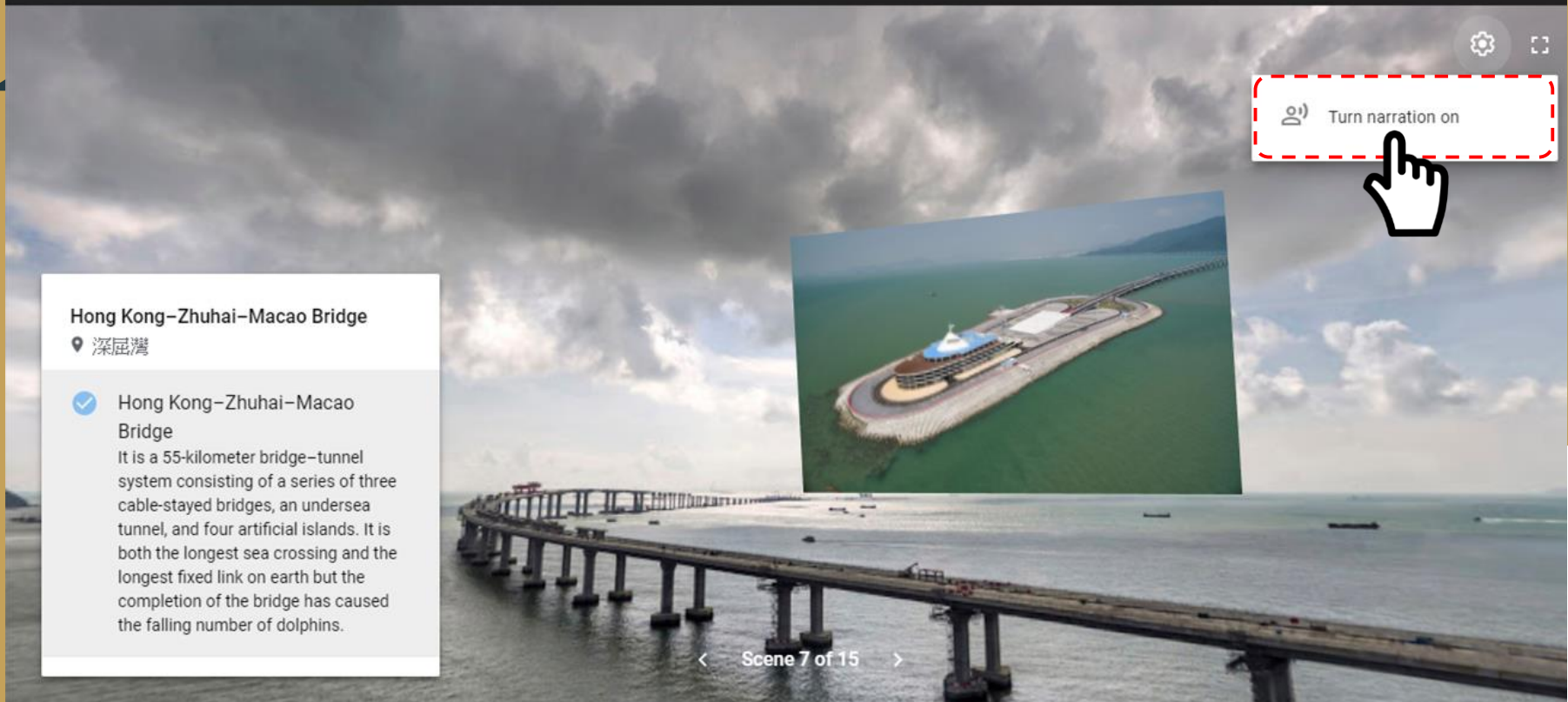
1. When you finish creating the tour and you're ready to publish, click **Publish**.
2. Decide whether you want your tour to be public or unlisted. Public is the default. To keep your tour public and available for anyone to view, click **Publish**.
3. To make your tour unlisted, click the Down arrow ▾ > **Unlisted** > **Publish**.
4. Click the URL or **View tour** to see your tour in Poly.
5. Click **Done** to close the publish dialog.



KBSJB VR tour
for NZ Study Tour

<https://poly.google.com/u/2/view/9Nc37cTY300>





Hong Kong-Zhuhai-Macao Bridge

📍 深屈灣

✔️ **Hong Kong-Zhuhai-Macao Bridge**

It is a 55-kilometer bridge-tunnel system consisting of a series of three cable-stayed bridges, an undersea tunnel, and four artificial islands. It is both the longest sea crossing and the longest fixed link on earth but the completion of the bridge has caused the falling number of dolphins.

< Scene 7 of 15 >

Bring your lessons to life with Expeditions

Introduce your students a new way of learning with virtual reality (VR).



Google Expeditions

Over a million students,
on trips to virtually anywhere.


Library

Downloads **1** My tours

Search My tours


FROM POLY & TOUR CREATOR

Ocean Park
KK Fung
VR



2 scenes


Discover Library Class



Ocean Park

KK Fung
VR · 2 scenes

2 Download to view or guide



Ocean Park

KK Fung
VR · 2 scenes

View View in VR **3** Guide

GOOGLE EXPEDITION



Class

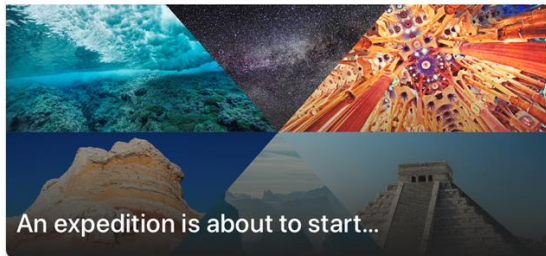
Explore

Guide



kkfung@kbsjb.edu.hk
4229 • 0 explorers

Join



An expedition is about to start...



Discover



Library



Class

TEACHER VIEW

你目前

kkfung@kbsjb.edu.hk
目前用於進行導覽的網路是

4229

請確認你的探險家使用這組名稱與編號加入導覽。

我知道了



Kowloon Bay

開始

Kowloon Bay Sports Ground <



Class

Explore

Guide



kkfung@kbsjb.edu.hk
4229 • 0 explorers

Join

Do you trust this guide?



kkfung@kbsjb.edu.hk
Guiding on KBSJB_Staff

4229

Check that this info matches the name and number given to you by your guide.

Cancel

Join



STUDENT VIEW

TEACHER VIEW

你目前用於進行導覽的網路是

kkfung@kbsjb.edu.hk
目前用於進行導覽的網路是

4229

請確認你的探險家使用這組名稱與編號加入導覽。

我知道了



Kowloon Bay

開始

Kowloon Bay Sports Ground



STUDENT VIEW

HOLD ON

Your guide is getting ready

TEACHER VIEW

FUNG KIN KONG 馮健剛 老師

Tour Creator DEMO

1 個場景

Kowloon Bay



開始



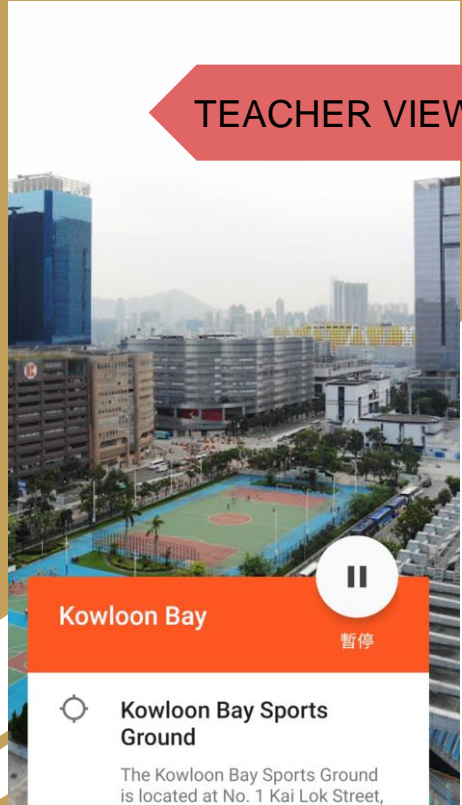
Kowloon Bay Sports Ground



STUDENT VIEW



TEACHER VIEW



Kowloon Bay



暫停



Kowloon Bay Sports Ground

The Kowloon Bay Sports Ground is located at No. 1 Kai Lok Street,



Experience virtual reality in a simple, fun, and affordable way.

