

Google Expeditions – VR Field Trips

Google Expedition is a new app that works on smartphones to transport participants to virtually anywhere. From Machu Picchu to Antarctica to the surface of Mars...with Expeditions teachers can take students on immersive, virtual journeys. We will use a class set of Google Cardboard Viewers to visit three exotic locations. In addition, other Google tools for teaching beyond the four walls of the classroom will be introduced. (Smartphone needed.)

Email Prior to Workshop

- Download the app - Google Expeditions
 - You might want to download Google Cardboard as well
- Have phones fully charged for the workshop

During the Workshop

Watch this video:

https://youtu.be/3MQ9yG_QfDA

Who Can Use Google Expeditions?

- Age seven and higher...according to Google
- Need access to a smartphone
- Recommended to take breaks...

Steps to Take

1. During session, have Guide / Teacher connect to Wi-Fi (ASH_Expedition; password: expedition)
2. Open Expeditions on all devices. (Good to adjust screen brightness to a mid pt.)
3. Ask explorers to join the same Wi-Fi.
4. Check if explorers are connected.
5. Get phones into Google Cardboard devices.
6. Adjust headsets for comfort and best viewing; straps / no straps?

Possible Locations to Visit

- Machu Picchu
- Underwater place...Underwater Caribbean
- To the Moon
- Circulatory System

During the session, show the teacher view to everyone.

Steps to Lead Your Own Expedition

1. Reserve the box of viewers from Dino



2. Have ITHelpdesk activate the Guest WiFi for the day of your tour
3. Ask students to bring in smartphones with the Google Expeditions app installed
4. Conduct the Expedition
 - a. Connect all devices to the same WiFi
 - b. Select Guide (Teacher) or Explorer (Student) Mode
 - c. Select an Expedition to view
5. After, clean Google "Cardboard" devices
6. Return box of viewers to Dino

Google Expeditions Resources

- [Getting Started with Google Expeditions](#)
- [4 Easy Steps for Google Expeditions](#)
- [List of Expeditions](#)
- [Google Expeditions – World Map](#)

Other Google Tools for Teaching Beyond the Four Walls of the Classroom

- [General Information about Google and Maps](#)
- [Google Maps](#)
 - Street View - very useful for pre-visiting a location



- Google Street View lets you travel back in time now...
- You can make your own Google Street View images with your smartphone.
 - [This is like making your own Expedition](#)
 - [You can use Story Sphere to add audio](#)
- [Google Earth](#)
 - Popular program to fly to different locations...
- [Google Lit Trips](#)
 - [Getting Started Guide](#)
 - [YouTube video describing a sample LitTrip](#)
- [Google Cultural Institute](#)
 - Artworks, collections and stories from all around the world
 - [Includes virtual tours](#)
- Google My Maps - Promote next week's workshop: The Amazing Race Google Style
<https://www.google.com/maps/about/mymaps/>
 - [You can explore maps that others have made](#)
- [360 Videos](#)
 - [A 360 VR tour of the Shinola factory with Luke Wilson](#)

In the News

- [Daydream View](#)