

Virtual Reality/Augmented Reality Using PYA VR System

Expeditions

Name of Expedition	Notes /Questions

How students will use the viewers:

To use the VR iPad to Guide:

1. Check that the iPad is connected to the PYPrivate Network
 - a. Click settings
 - b. Click Wi-Fi
 - c. If not connected to PYPrivate, select it now
2. Click on Expeditions
3. Sign in to your Google Account (by selecting Sign-In after clicking on three bars in the upper left hand corner).
4. Select Guide
5. Click Discover
6. Search for then download the Expedition
7. Choose whether to view or Guide. To lead students through the Expedition, click Guide.

iPod Touch as Guide:

1. Power on device
2. Go to Expeditions
3. Click on 3 bars on the upper left hand corner and sign in.
4. Click on Discover
5. Locate the VR tour (from the library of [VR Expeditions](#)/[AR Expeditions](#))
6. Download to view or guide
7. Once downloaded select Guide (other options include view or view in vr)
8. Will show "You are guiding as (your name) check that explorers join with this name and numbers".

9. Click "got it".
10. Don't press start until all students/devices are paired. Look for number of participants in the upper right hand corner.
11. Once they are connected, click start.
12. Scroll down to read narrative.
13. click on the Expedition targets (these will point students to where they should direct their vision)
14. Swipe left to get to the next screen. **Click start to have students see the next screen.**

iPods as Viewers on a Guided Tour:

1. Power on device
2. Go to Expeditions
3. Class (identified by teacher and number) should appear. Click Join.
4. Confirm Join
5. For VR: open up the Viewmaster and insert the iPod touch. For AR: view Expeditions.

iPod as Viewer (not on a Guided Tour)

1. Power on the device
2. Go to Expeditions
3. Select Discover
4. Find the Expedition.
5. Click Download to view or guide
6. Once downloaded, there is an option to View in VR.
7. Place iPod touch into the View Master viewer.

Tips and Troubleshooting

- Know the basic troubleshooting:
 - Close out Expeditions, then open it back up.
 - Double check to make sure all devices are on the same network
 - Exit Expeditions, click on Settings, go to Wi-Fi, and make sure it says PYPPrivate
 - Power off device then power it back on.
- VR works great in swivel chairs.
- If a student feels dizzy, have them stop or take a break.
- Have a back-up plan to account for larger scale issues (network down, Google Expedition outage, etc.)

- Preview the script. Is the information accurate and relevant?
- Preview the questions attached to the Expedition. Write your own questions as needed.