

# Google Cardboard Resources

## *Preparation - Install These Apps First*

1. Install the Google Cardboard app.

Android: <https://play.google.com/store/apps/details?id=com.google.samples.apps.cardboarddemo>

Apple iOS: <https://itunes.apple.com/app/id987962261>

2. You likely also want to install the YouTube app (if not already installed)

Android: <https://play.google.com/store/apps/details?id=com.google.android.youtube&hl=en>

Apple iOS: <https://itunes.apple.com/us/app/youtube-watch-share-videos/id544007664?mt=8>

3. Install the Google Street View app

Android: <https://play.google.com/store/apps/details?id=com.google.android.street&hl=en>

Apple iOS: <https://itunes.apple.com/us/app/google-street-view/id904418768?mt=8>

## *YouTube Videos*

Search YouTube for “360 videos.” You might see a YouTube channel called “360 Videos.” That’s a good starting point!

When you start a “360” video playing on YouTube, look for the  icon. That puts your screen into the correct view. Place your device in the Cardboard goggles. Turn your head left/right, up and down to experience the virtual reality. Example: [1941 War Battle](#)

## *Google Street View*

Launch the Google Street View app. Find a location (for example, search for a Leesville school). Tap on the location pin. You can simply drag your finger around the screen (or mouse, if you’re on a laptop) to look in different directions.

To use Street View with Google Cardboard, simply tap the  icon to put the device into goggle view. Example: [LRMS](#)

## *Google Expeditions*

This app permits teachers to lead guided tours of selected locations. You, the teacher, will NOT use goggles to lead this activity - but your students will. Launch the Cardboard app.

At the top, choose to “Lead/Guide.” Choose the expedition you want to go on. Ask your students to launch the Expeditions app on their device, and to connect as a Follower. They should see you as a tour option to join.

Tap “Play” on your teacher device to start the tour. The app presents you with information you can read aloud as your students view the tour. Tapping on the location icon in descriptions will point students towards what you’re talking about. Note all devices should be connected to the same network. At this time, devices must be connected to the Lunenburg network, not the WAKE-BYOD network.

 Remember, teachers cannot require a student install an app on a BYOD device. Remember, too, to provide activities for students without BYOD device. Some things (like Google Street View) can be used on laptops and/or iPads without goggles. YouTube 360 videos can be “virtual” on a laptop if you use the Chrome browser or use the YouTube app on an iPad.

 **Google Cardboard users should take frequent breaks, especially if the user feels dizzy. Students prone to headaches or seizures should not use Google Cardboard.**

# Additional Education Google Cardboard Resources

Titans of Space - <https://unimersiv.com/review/titans-of-space/>  
A short tour of our solar system.

Discovery VR - <https://unimersiv.com/review/discovery-vr/>  
Download the app and access lots of Cardboard virtual reality educational content.

Random 42 - <https://unimersiv.com/review/random-42/>  
Take a ride through the inside of the human body

Viewmaster Apps - <http://www.view-master.com/en-us>  
From animals to space, a variety of VR apps.

A Collection of links to educational Cardboard apps:  
<http://www.edtechnocation.com/gafe/googlecardboardedu/vrexperiences>

For Leesville Road Middle School Only:

A class set of 30 cardboard goggles is available for checkout from the Media Center. Students have to provide their own BYOD for use within the goggles. Contact the Media Center to reserve the tub of goggles.

Note there are also many apps that let you use your mobile device to CREATE VR photospheres. For example, Google Street View lets you take a series of photos of a location you're at and create a published photosphere available to anyone who uses Google Maps.

Want to buy your own set of Cardboard goggles? Search for "Google Cardboard goggles." You should be able to find goggles for around \$5 - 20. In addition, you can also search for instructions on how to make your own goggles (for example, out of a cola cardboard container).