



Windsor Castle photo taken by Eric Lawson

goo.gl/3RP9T4

Have you ever wanted to tour the Smithsonian or [Abbey Road](#) but can't afford the ticket, or travel? Now you can bring some of these places to your school. From [Google Expeditions](#) to [StorySpheres](#) to [Google Street View](#), there are many options to show students something they have never seen before. Learn about all of the different types of interactive virtual field trips that the web has to offer. [Slide Presentation](#)



[Google Expeditions](#)

From Machu Picchu to Antarctica to the International Space Station - where will you take your class?

What's needed?

1. Teacher Tablet with Expeditions App Installed (free)
2. Google Cardboard and student devices (phones or tablets)
3. Router (designated per kit)

Searchable list of available expeditions: <https://goo.gl/UbWHi5>

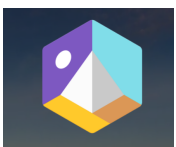
Required specifications:

A gyroscope and accelerometer: This is essential for determining orientation and doing head-tracking in virtual reality viewer.

Android 4.4 or later OR iOS 8.0 or later

1GB ram

Even if your phone meets the required specifications, some devices may still not be able to use Expeditions. For more certainty and a better experience, we recommend some additional specifications and features.



[Tour Creator \(Build Your Own Google Expeditions\)](#)

Tour Creator makes it easy to build immersive, 360° tours right from your computer

What is Needed?

1. A computer or chromebook with an internet connection to create your tour.
2. Computer or Chromebook with an internet connection to view your tour once it is complete.
3. (Optional) Smart Phone and Google Cardboard to test out your 360 immersive tour.

Example: [Eric's Tour of the White Mountains of New Hampshire](#)



[Google Cardboard App](#) ([iOS](#) & [Google Play](#))

Google Cardboard brings immersive experiences to everyone in a simple and affordable way. Whether you fold your own or buy a Works with Google Cardboard certified viewer, you're just one step away from experiencing virtual reality on your smartphone. Each individual is in charge of their own VR adventure with this app unlike Google Expeditions where the teacher has the ability to guide the entire classroom all at once.



[Google Cardboard Camera App](#) ([iOS](#) & [Google Play](#))

Capture and share moments with virtual reality (VR) photos. VR photos let you experience scenery and sound in every direction and in 3D, making near things look near, and far things look far. From vacation travels to family get-togethers, capture the moment with Cardboard Camera and relive it in VR.



[Meet Google Maps](#)

An experience designed to highlight what matters most to you with every search.

What's needed?

1. Wi-Fi and a device



[Google Street View](#) ([publish](#))

Explore world landmarks, discover natural wonders, and step inside locations such as museums, arenas, restaurants and small businesses with Street View.



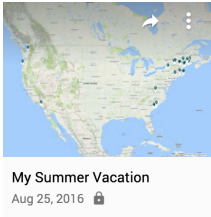
[Google Sheep View](#)

Try it out with [Google Sheep View 360](#)



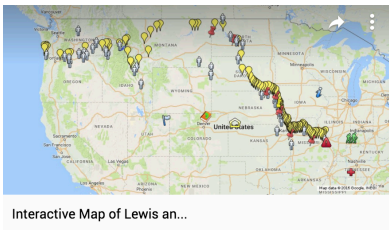
[Google “Street View” Oceans](#)

Explore underwater environments, discover natural wonders and dive down deep into some of the world’s less explored regions.



[Google My Maps](#)

Create custom maps to share and publish online with Google My Maps. You can make maps that show different kinds of information. ([Introduction](#))



[Google Maps Gallery](#)

View, use, and share the world’s maps with Google Maps Gallery. Click below to learn more about each topic.



[Google Treks](#)

Discover the world with Google Maps. Unleash your inner explorer and travel the globe without leaving home



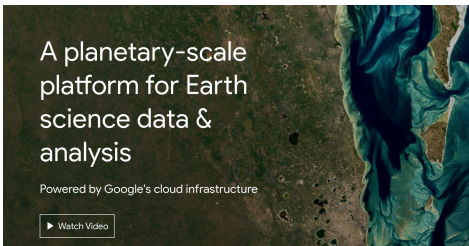
[Google Indoor Maps](#)

Go inside with Google Indoor Maps. Create a more convenient and enjoyable visitor experience at no cost, available on Google Maps across all devices.



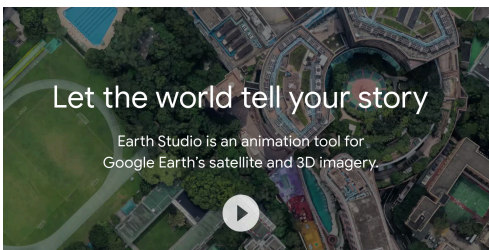
[Google Earth \(Chrome Web Version\)](#)

Explore your world directly from the Chrome browser (no download needed). Create new Projects with creation tools to tell your story and map out your journey.



[Google Earth Engine](#)

Google Earth Engine combines a multi-petabyte catalog of satellite imagery and geospatial datasets with planetary-scale analysis capabilities and makes it available for scientists, researchers, and developers to detect changes, map trends, and quantify differences on the Earth's surface.



[Earth Studio](#)

Earth Studio is a web-based animation tool for Google Earth imagery. Google Earth has a massive store of satellite and aerial (3D) imagery from large-scale geological features to individual city buildings. Earth Studio is the easiest way to leverage this imagery for still and animated content.



[The Hidden Worlds of the National Parks - Google Arts & Culture](#)

Explore the National Parks



[Google Earth Engine](#)

Analyse geospatial information

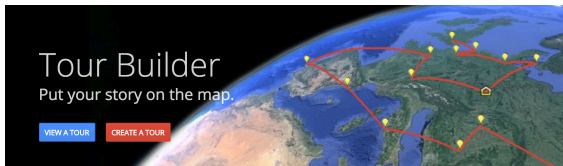


[Parks Explorer VR](#)

An interactive and visual national park guide for you to experience and explore the National Parks in immersive 3D and VR.

What's needed?

1. Wi-Fi and iOS device
2. Google Cardboard
3. 6 Different tours - Grand Canyon, Yosemite, Zion, Rocky Mountain, Olympic, Squaw Valley

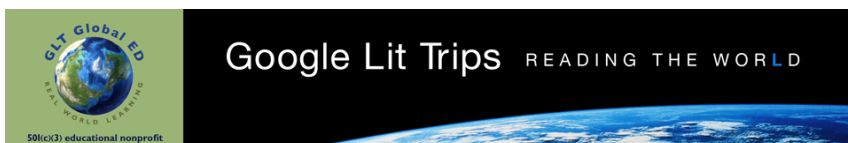


[Google Tour Builder](#)

Tour Builder is a new way to show people the places you've visited and the experiences you had along the way using [Google Earth](#). It lets you pick the locations right on the map, add in photos, text, and video, and then share your creation.

What's needed?

1. Wi-Fi and a device
2. Google Earth (now available on a Chromebook at [earth.google.com](#))



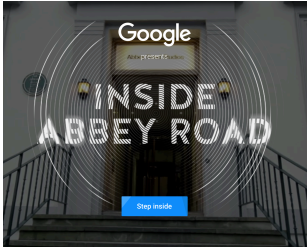
[Google Lit Trips](#)

The short version is simple. Google Lit Trips are free downloadable files that mark the journeys of characters from famous literature on the surface of Google Earth.

What's needed?

1. Wi-Fi and a device
2. Google Earth (now available on a Chromebook at earth.google.com)

Google Presents...

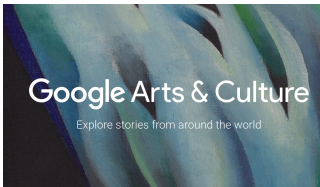


[Inside Abbey Road](#)

Inside Abbey Road is a site built by Google in partnership with [Abbey Road Studios](#). The aim is to enable anyone in the world to follow in the footsteps of musical legends, and step inside the famous British recording studio as it's never been seen before. Once inside, you can explore every nook and cranny of the three recording studios, and discover stories, images, videos and music spanning the decades. You can also be guided around by producer Giles Martin, Head of Audio Products Mirek Stiles, or broadcaster Lauren Laverne, and even play with interactive versions of pioneering Abbey Road Studios equipment.

What's needed?

1. Wi-Fi and a device
2. Headphones are not needed but suggested
3. Make your experience even better with Google Cardboard



[Google Arts & Culture](#)

Explore collections from around the world with Google Arts & Culture, created by Google Cultural Institute.

[Google Cultural Institute Historic Events](#)

What's needed?

1. Wi-Fi and a device
2. App
3. Cardboard (optional)



[Google Natural History](#)

What's needed?

1. Wi-Fi and a device
2. App
3. Cardboard (optional)



[Story Spheres](#)

Explore the world in 360° through sound and imagery.

What's needed?

1. Wi-Fi and a device
2. Headphones are not needed but suggested
3. Make your experience even better with Google Cardboard

Other sites with virtual tours:



[The Louvre](#)

Take a step into some of the exhibits from one of the world's most famous museums

What's needed

1. Wi-Fi and a Device
2. Browser with Adobe Flash capabilities



[Smithsonian Museum of Natural History](#)

Browse exhibits of the

What's needed

1. Wi-Fi and a Device
2. Browser with Adobe Flash capabilities



[Storming Juno](#)

What's needed

1. Wi-Fi and a Device
2. Browser with Adobe Flash capabilities



[NearPod](#) - VR

What's needed

1. Works on any device with Wi-Fi



[ThingLink 360](#)

What's needed

1. Wi-Fi and a Device
2. Subscription to create VR experiences



[Discovery VR](#)

What's needed

1. Wi-Fi and a Device
2. [App](#) & Goggles for full VR experience



[Roundme](#)

Basic Subscription \$0

- 15 Uploads Every Week
- Create Tours
- Unlimited Storage
- Embeds

Easily upload multiple 360 degrees panoramas with single drag & drop.

Build elegant, aesthetically pleasing and exceptionally beautiful panoramic tours.



Panoform

1. Download a grid
2. Take a picture of your composition
3. Panoform snaps your image to the grid
4. View your masterpiece in 3D with Google Cardboard