Virtual Field Trips

Link to presentation: bit.ly/UTC-VirtualFT1
Hello!

I am Kim Wylie
Mauldin Middle School
Technology Clerk
Talk it up!

@KimWylie_MMS
#2019utc
Why not???
Something for everyone
Engages students
So easy, even a kid can do it!
- Cost: FREE*  
  - *Some experiences require special gear
- Go just about anywhere on earth ...and beyond!
- Easy to schedule
- No paperwork!!
**Cons**

- More “legwork” to set up
- Reduced experience
  - Some of this can be worked around with some planning
- You are the tour guide
Keep Make it Real

Virtual doesn’t have to be boring.
Make it a food day
  ◦ Bring snacks that apply to your “travels”

Group up
  ◦ Let students sign up for groups like a real field trip

Free-range kids
  ◦ Allow a few minutes of “free time” to explore on their own and share findings

Journaling
  ◦ Have students journal before, during, and after their “trip”
These trips are gonna **G Suite**
Google Earth
Around the world in 80 clicks
Google Earth

Interactive world map

- Satellite images combined with 3-D renderings
- View landmarks, gather information/facts
- Great way to allow for students to explore an area
Using It

- Use “My Places” to take students on a tour
- View natural and manmade landmarks with 3D views
- Use Street View to tour “on foot”
- Apply moving clouds to observe weather patterns
- Ruler tool measures distance and area
Google Tour Builder
Google Earth and then some
Google Tour Builder (Beta)

Travel anywhere on earth!

- Create an interactive trip with help from Google Earth
- Visit planned locations
- Include facts, images, videos and links at each location
Using It

- Compile a list of landmarks to take students to.
- Have groups write about what they see as it relates to a central topic.
- Allow students to “wander” some in these places. (Note: Can sometimes be a bit... real!)
- Flipped classroom, anyone?
Google Expeditions

Let your VR headset be your guide
Google Expeditions

Virtual Reality/Augmented Reality experiences

- Over 900 pre-built expeditions (as of June 19, 2019)
- Students use mobile/tablet devices to experience and interact with the lesson*

**WHAT IT IS**
Using It

- Materials: Google Expeditions app, compatible devices, VR headsets (optional)
- Invite students to join you in a guided tour. Read from a provided script and ask questions as students take in the view!
- Teachers can force the class view to key places.
YouTube VR
Time to get your goggles on!
(...or not)
YouTube VR

Videos in 360

- Use VR headsets for a fully immersive experience, or look around on a screen with click-and-drag
- Almost as good as being there!
Using It

- Enrich lessons with immersive VR trips
- No goggles? Use any laptop, tablet, computer, Chromebook, etc.
- Mobile devices are necessary to use goggles. If you don’t have any, check with your district IT department
With goggles:

- Put mobile device into holder and navigate to video
- Click on the goggles icon on the bottom-right of the video
- Insert holder & put on goggles

Without goggles:

- Navigate to video
- Click-and-drag (computer/laptop) or look around (mobile/tablet) during the video
- Tap/click to pause
Google Hangouts

Let’s give ‘em something to talk about
Google Hangouts

Live chat with video and audio

- Conference with one or more people with video and/or audio
- Web-based, so it works on multiple devices and platforms
Using It

◦ Bring special guest speakers to your room

◦ Hangout with remote classes for special presentations or performances
  ◦ Musical and theatrical productions may not be permitted due to copyright laws -- but you can ask!

◦ Mystery Hangouts!
Google Arts & Culture
Curate your own museum
Google Arts & Culture

Museum (etc.) tours online

- View places, artworks, and cultural items
- Includes video, 360-degree photos, close-up views, and historical documents
Using It

- Tour museums and landmarks
- Browse a wide range of existing collections
- Curate your own collections to share with the class -- this goes for students, too!
- Have small groups search within a theme and come back with what they find
Search for...

- English: “Performing Shakespeare”
- Social Studies: “Black College Life in the New Deal”
- Music: “Carnegie Hall 360 Video featuring The Philadelphia Orchestra”
THANKS FOR COMING!

@KimWylie_MMS
kawylie@greenvilleschools.us

Don’t forget the session survey!
(access on Sched)