

FEB 2021

ENGINEERING AND TECHNOLOGY WEEK

Introduction Guide to VR for Teachers

HOW TOS

HOW TO CONNECT TO THE WIFI

- Turn on headset (hold button on right side of the headset for roughly three seconds)
- Follow instructions to set up a stationary guardian area (make sure the floor is set to the right level)
- On home page go to the bottom and click on the wifi
- Click your school's wifi and log in
- Get back to the home page by clicking the O button on the right controller

HOW TO GET INTO THE CONFERENCE

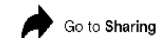
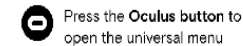
- Go to the how to get into the Conference Page.

HOW TO CAST YOUR SCREEN FROM COMPUTER:

- Go to oculus.com/cast on Google Chrome (can use others but Google Chrome works the best)
- Click log in with Facebook account
- Log in with :
Username: uvuoutreach@gmail.com
Password: Outreach!2021

- You should see

Start casting to this private link from your headset



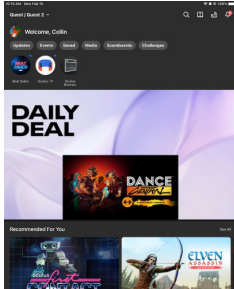
- Follow those directions and it should pull up a video feed, if you get a black window try refreshing the page and waiting because it means your wifi is slow.

HOW TO CAST YOUR SCREEN FROM IPAD OR PHONE

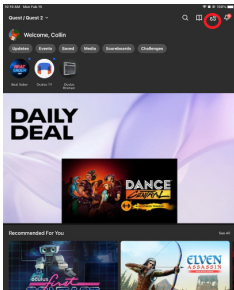
- Download the oculus app from the store or follow directions from computer. If you follow the directions from the computer it will not work as well if you get the app but it will still work.
- Log in with:
Username: uvuoutreach@gmail.com
Password: Outreach!2021

HOW TOS

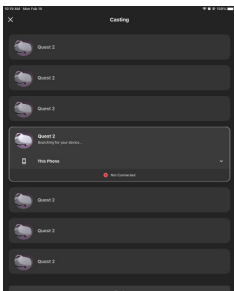
- You should see



- Click on the casting button:



- You should see



- Now click through all the headsets and find which one is connected to your schools wifi.
- Click start casting to this device.

CASTING AUDIO:

- When you are casting the audio will come through both the headset and the computer or tablet you are casting from. You can turn off the audio on the headset by clicking the volume buttons on the bottom of the headset and the audio will still come out of the device you are casting from.

HOW TO GET TO THE RIGHT FACEBOOK ACCOUNT

- If you try to sign into oculus and it keeps pulling up other Facebook pages instead of the one we gave you.
- Sign out of all accounts in all browsers
- Clear all cookies on Google Chrome
- Sign into Facebook in Google Chrome with the account we gave you.

QUICK INFORMATION ABOUT THE HEADSET

- **YOU WILL BE LIABLE FOR ANY DAMAGE YOU CAUSE ON THE HEADSET.**
 - **YOU WILL BE REQUIRED TO RETURN EVERYTHING PRETAINING TO THE HEADSET INCULDING: CHARGER, HEADSET, FIT KIT CONTROLLERS, VR CASE, AND UVU BAG.**
 - **STUDENTS MUST WEAR THE CONTROLLERS WRIST STRAPS**
 - As some students might get motion sick, please have them start sitting down with enough space to move their arms.
 - Make sure you adjust the head straps and eye pieces until the image is clear.
 - When making adjustments to the head straps, hold the headset where the image is clear and adjust straps so they are comfortable and will hold the headset place.
 - With holding the controllers you want to have the circle facing in.
 - For glasses attach the piece to the form and then reattach the form to the headset
 - Follow school rules regarding mask usage while operating Virtual Reality Headsets.
- If masks are not required be thorough in cleaning procedures

HOW TO GET INTO THE CONFERENCE

STEP ONE: Click on the app menu (aka 9 buttons at bottom)

STEP TWO: Click on the top right drop down menu

STEP THREE: Scroll down until you see unknown sources and click on that

STEP FOUR: Click on VR tour viewer (the only option)

STEP FIVE: Click on top online button

STEP SIX: Click the UVU tour

CONGRATS YOU ARE NOW IN THE CONFERENCE

THE WATERMARK WILL STAY ON THE SCREEN THE WHOLE TIME.

AFTER THE CONFERENCE:

After you are done with the conference we have two games installed on the headsets that your students are welcome to play.

- To get back to the home page and get to apps you
- Click the O button on the right controller
- Click exit app on the menu it popped up
- Click apps on menu bar (9 buttons icon)
- Click the drop down on the right hand side
- Click All apps or Installed Apps
- Click either Beat Saber or First Steps and start app.
- Beat Saber: You hit blocks with lightsabers with the music. You want to hit the right colored block with the right colored light saber.
- First Steps: Teaches Students how to use the headset and controllers through fun activities.

FIRST TIME USER QUESTIONS

Q: How do I turn it on and off?

A: Hold the power button for about 3 seconds to turn it on and to turn it off you hold the button then confirm what you are turning it off

Q: How long does the charge last?

A: 2 to 3 hours

Q: Can I use it while charging?

A: No

Q: Can we download apps or anything else on the headset for the students?

A: No, there are already apps and other items downloaded for your use.

Q: How do I charge the hand controllers?

A: You should not need to, if the hand controllers stop working there are batteries in the kit UVU gave you and they can be changed.

Q: How do I turn on the hand controllers?

A: They turn on when you turn on the headset

Q: Which way do I hold the hand controllers?

A: You hold them with controls toward the user.

Q: How much space do I need for VR?

A: If you are standing a 6 foot by 6 foot area works best but you must lay out your grid. If you are sitting you don't need that much space about a foot around you in all directions.

Q: Do you get motion sick the first time you use it?

A: Some people do the best way to do it is to start sitting down and start with a short period of time.

Q: How do I get out of apps and sites and back to the home page

A: Click the Oculus button on the right hand controller

Q: How do I set up Avatars and does it really matter if one is set up or not?

A: Please do not change the avatars since UVU has already set them up

Q: How do I put it back in its container?

A: Headset next to plastic and controllers in center

FIRST TIME USER QUESTIONS

Q: What do I do if something happens to a headset

A: Use the contact information and contact one of the UVU employees

Q: How do I prevent my students from getting on something they are not supposed to?

A: Turn on casting so you can see what they are doing and monitor them.

Q: What isn't my student allow to do on the headset?

A: Get new apps, get on Facebook, get on apps before you have done the conference, change the avatars or anything you are not comfortable with them doing.

Q: How do I clean the Headset?

A: See cleaning page.

HOW TO PREVENT MOTION SICKNESS

1. Read the instructions and safety warnings
2. Take it slow when starting in the VR headset. Try 5 minutes to 10 minutes at first
3. Sit down while playing
4. Some participants feel motion sickness when using VR and can therefore get nauseous. If you feel you might be some one who gets sick do not eat for 30 minutes before using.
5. Build up endurance
6. Use the motion sickness bracelets, you only need one band on one arm. Place the band 3 fingers away from the bottom of your palm.
7. Turn down audio
8. If you get motion sick take the headset off

CLEANING THE HEADSET FOR COVID-19

- **Don't clean with alcohol or abrasive cleaner - Use what comes within the bag UVU gave you as other cleaner may ruin the headsets.**

How to clean head straps:

- The easiest way is to take one of the Lysol wipes and wipe down the head straps.
- Make sure they are dry before the next user puts it on.

To clean the Oculus Quest 2 or Quest headset:

- Use one of the Lysol wipes to wipe it down and make sure the headset is dry before it is put back on.
- **DO NOT WIPE INSIDE OF THE HEADSET WITH THE LYSOL WIPE.**

To clean the Quest headset lenses:

- Use the lens cleaning wipes within the bag to wipe down the inside area of the headset. Let it air dry and **DO NOT** wipe the inside area with any other material

To clean the Quest 2 or Quest controllers:

- Use one of the Lysol wipes to quickly wipe them down.

- **IF YOUR SCHOOL DOES NOT REQUIRE YOU TO WEAR A MASK WHILE PLAYING VR MAKE SURE THAT YOU CLEAN AFTER**

ACTIONS TO AVOID WHEN CLEANING THE HEADSETS:

- Do not spray the headset with any cleaning spray or any liquid.
- Do not use dripping wet wipes to wipe down the headsets
- Do not wipe the inside of the headset with the lysol wipes
- Do not use anything to clean the headset except what UVU has given you.
- If you run out of materials or have questions contact one of the people on the contact page.

HOW TO PREVENT DAMAGING THE HEADSET

- To avoid damaging your lenses and display, keep your headset away from direct sunlight. Your headset can be permanently damaged from less than a minute of exposure to direct sunlight.
- To avoid scratching your lenses, keep your headset away from sharp objects (example: cable tips, keys).
- To avoid damaging your headset or straps, be gentle when adjusting your headset and tightening the straps.
- Do not use or wear your headset while connected to the power adapter or charging.
- Don't leave your headset in extremely hot locations (example: inside of a car).
- Don't leave your headset near heat sources (example: furnace).
- Don't eat, drink or smoke near your headset.
- Secure your headset in a safe place when you're not using it.

LOG IN AND CONTACT INFORMATION

USER NAMES AND PASSWORDS

Email - uvuoutreach@gmail.com
Password - Outreach!2021

Facebook - Collin Tchaikovishy
Password - Outreach!2021

CONTACT INFORMATION

Mike Harper:

- phone: (801) 863-7046
- email: michael.harper@uvu.edu

Mariah Foerster:

- email:10787596@uvu.edu

Megan Stanley:

- email: Megan.Stanley@uvu.edu

Paul Cheney:

- email: paul.cheney@uvu.edu

Rachael Freeman

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