



# CareerView<sup>XR</sup><sup>TM</sup>

Career Exploration Experiences by  
**Be More Colorful®**



In the chat, tell us:

- Your role
- Your school



Brings real-world ND jobsites  
into ND classrooms



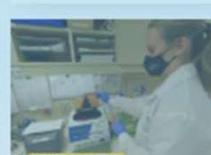
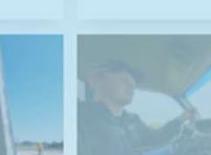
# 105+ Experiences

## Healthcare (25)

## Manufacturing (22)

## Skilled Trades (37)

## With more every year

|  |  |   |   |   |   |   |  |   |
|--|--|---|---|---|---|---|--|---|
| <b>911 Operator</b><br>They may primarily work behind a computer, but dispatchers make an impact far beyond the emergency situations in which they are stationed. Answer the call as a 911 dispatcher serving a rural community in this field trip sequence.   | <b>Accounting Firm</b><br>In the world of accounting, a team of experts are essential at managing money. These skilled professionals manage local and regional businesses with financial preparations, audits, and tax planning. A world of career opportunities await those who love problem-solving and interacting with numbers. Careers featured: accountant, audit associate, audit manager, administrative assistant, accounting intern, tax specialist, tax accountant, tax supervisor. | <b>Aggregate Technician</b><br>Aggregate technicians maintain and repair power equipment from hydraulic material-handling pieces. Get an up-close look at how they create it in the shop and install. | <b>Commercial Lobster Fishing</b><br>Gulp, gape, and trap in this scuba diving adventure, as you learn how to work together to meet challenges and succeed. Success! This unique experience allows you to look inside the lobster traps you've set. Careers featured: diver, fisherman, lobsterman, lobsterman.                         | <b>Community Health Center</b><br>Take a virtual tour of a community health center, where dedicated healthcare professionals offer comprehensive care to an underserved population. Right from the start, you'll learn how to provide medical services to patients of all ages, from newborns to seniors. Careers featured: medical assistant, medical office manager, medical receptionist, medical records specialist.  | <b>Compact Equipment Manufacturer</b><br>These machines do more than move dirt. They move bridges and railroad tracks, lift steel as tall as the Eiffel Tower, and even move mountains. Learn how these machines are used in construction, mining, quarrying, and more.   | <b>Painter</b><br>Explore the various careers and trades inside the Painters and Allied Trades union. | <b>Paleontologist</b><br>Dig deep into the world of paleontology, where early fossil hunters uncover a many millions of years old in the earth. From the first crack of the pickaxe—shovel—to the delicate assembly of fossil fragments, each step reveals clues about the prehistoric world. Join the excitement as a justice paleontologist and bring these ancient mysteries racing back to life! | <b>Paramedic</b><br>First responders like paramedics provide life-saving care to those who need it most. Hop in the ambulance and follow a journey. Blend softly. <b>Simulated Ambulance</b> (Coming: Rolling lights, simulated traffic aware, simulated injuries). |
|    |   |    |    |   |    |                    |   |    |
|    |   |    |    |   |    |                    |   |    |
| <b>Army National Guard</b><br>Coming Soon: <b>Coming Soon: 911 Operator</b>  | <b>Automotive Technician</b><br>Interested in learning more about the automotive industry? This experience answers you in the day-to-day of various Automotive Service. <b>Simulations at Simulex Lake City.</b>   | <b>Baker (Food Manufacturing)</b><br>Something smells delicious! Learn how bakers at Baker City create a variety of tasty baked goods for wholesale.  | <b>Coming Soon: Baker (Food Manufacturing)</b>  | <b>Coming Soon: Baker (Food Manufacturing)</b>  | <b>Coming Soon: Baker (Food Manufacturing)</b>  | <b>Coming Soon: Painter</b>   | <b>Coming Soon: Paleontologist</b>   | <b>Coming Soon: Paramedic</b>   |
|   |    |   |   |    |   |                   |    |   |
| <b>Battery Manufacturer</b><br>Dive into the world of smart battery manufacturing, where science and technology come together like elements in a chemical reaction. See how raw materials transform into smart batteries that power the future, from intense learning the basics, to advanced performing, hands-on tasks, and ingenuity bringing concepts to the production floor. | <b>Best Sugar Factory</b><br>Sugar is like the spark that lights up your favorite treat, adding sweetness to everything it touches, but have you ever wondered how it makes it to your pantry? Meet the machine operators, technicians, quality control experts, and engineers, keeping the factory running!   | <b>Bridgeway</b><br>Learn about the hands-on career of a bridgebender through a series of exciting training sessions.   | <b>Contract Harvesting</b><br>Contract harvesters turn golden fields into golden opportunities, embracing the challenge and excitement of the harvest season. In this field, every grain counts. From spreading cutting-edge combine to harvesting grain carts and trucks, every field plays a crucial part in bringing in the harvest. | <b>Criminal Investigation</b><br>Discover the intense, buried, complex criminal investigations where we will delve into forensic analysis, cutting-edge technology, and innovative investigative techniques. During this field trip, you will discover that cases do not neatly conclude in a single hour. Like they do on TV shows, instead, they may continue hours of dedicated work. Careers featured: forensic scientist, forensic anthropologist, forensic crime analyst, drug chemist (Courtesy: Folsom Police, use of Folsom) | <b>Custom Casting Solutions</b><br>Learn how chemistry craft custom castings to ensure structures and machines function as intended requirements. Each simulation, heat, and analysis performed at this facility acts as a workshop, guiding the creation of castings that shatter the very fabric of our world from the interior. Careers featured: casting, chemist, lab technicians. | <b>Pipe Fitter</b><br>Explore how welding and plumbing occur through this pipe fitter experience.     | <b>Plumber</b><br>Experience a day in the life of a plumber and business owner. <b>Coming Soon:</b> As he travels around town to fix, install, and maintain various plumbing systems.  | <b>Police Officer</b><br>Hop in the squad car and go on an adventure in this field trip. Experience a day in the life of these professionals working with the Folsom Police Department. <b>Coming: Rolling lights, simulated traumatic events.</b>                  |
|    |   |    |    |   |    |                  |   |    |
| <b>Carpenter</b><br>Learn how building frames are created on a construction site through the Carpentry Union experience.   | <b>Central Sterile Technician</b><br>Central Sterile Technicians are working behind the scenes in the healthcare industry to keep surgical instruments in pristine condition. <b>Follow Techs</b> at work.   | <b>Clinical Lab Technician</b><br>Clinical Lab Technicians carefully perform tests that are integral for providing the best patient care. In this field trip, you'll follow a Lab Tech's              | <b>Custom Fabricated Steel Solutions</b>  | <b>Custom Glass Protection Glass</b>  | <b>Custom Vinyl Wrap</b>  | <b>Precast Installation</b>   | <b>Precision Assembler</b><br>Coming Soon: <b>Coming Soon: Precision Assembler</b>   | <b>Precision Machining &amp; Mold Making</b><br>Ever wondered how crisp and clean plastic components of everyday objects come to be? <b>Follow Techs</b> at work to see how it's done.  |



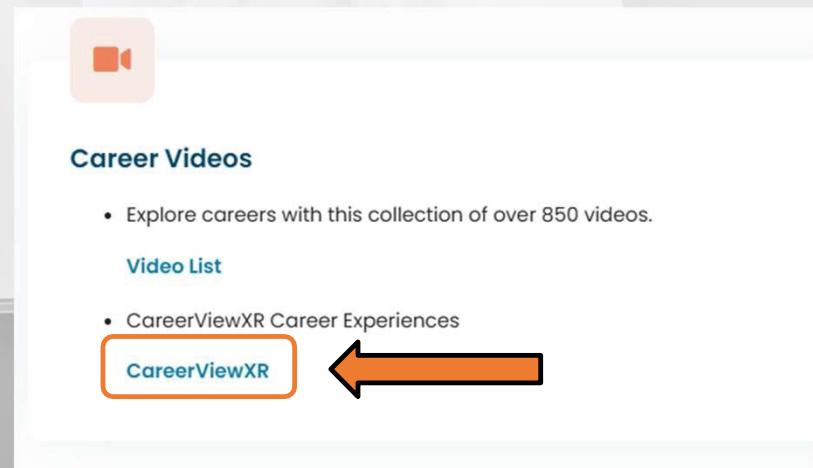
CareerViewXR is available  
K-12 in  
North Dakota

  
CareerView<sup>XR</sup>  
Career Exploration Experiences by  
Be More Colorful

# Web-based Experiences



RUReady.ND.gov

A screenshot of the RUReady.ND.gov website. The page has a white background with a grey sidebar on the right. At the top, there is a red video camera icon. Below it, the text "Career Videos" is in bold. A bulleted list follows: "Explore careers with this collection of over 850 videos." and "Video List". Another bulleted list follows: "CareerViewXR Career Experiences". A red rectangular button with the text "CareerViewXR" in white is positioned below this list. An orange arrow points from the text "CareerViewXR" to this button. The sidebar on the right shows a blurred view of a classroom or workshop environment.

The logo for CareerViewXR. It features the word "CareerView" in a black, sans-serif font with a yellow star icon above the letter "C". The letter "X" is in a yellow, stylized font, and "R" is in a black, stylized font. Below the main text, the words "Career Exploration Experiences by Be More Colorful" are written in a smaller, black, sans-serif font.

# VR Videos & Headset

- *Average: 5-7 minutes in length*
- *Video in 360*
- *Immersed*

# Preparing the VR Headset

1. Set up the headset
2. Email Lisa: [lisa@bemorecolorful.com](mailto:lisa@bemorecolorful.com) to get your school's admin access
3. Log into your account on a computer to download VR video files to your computer—then transfer them to your headset

*NOTE: Lisa will email these instructions to you when you reach out about admin access*

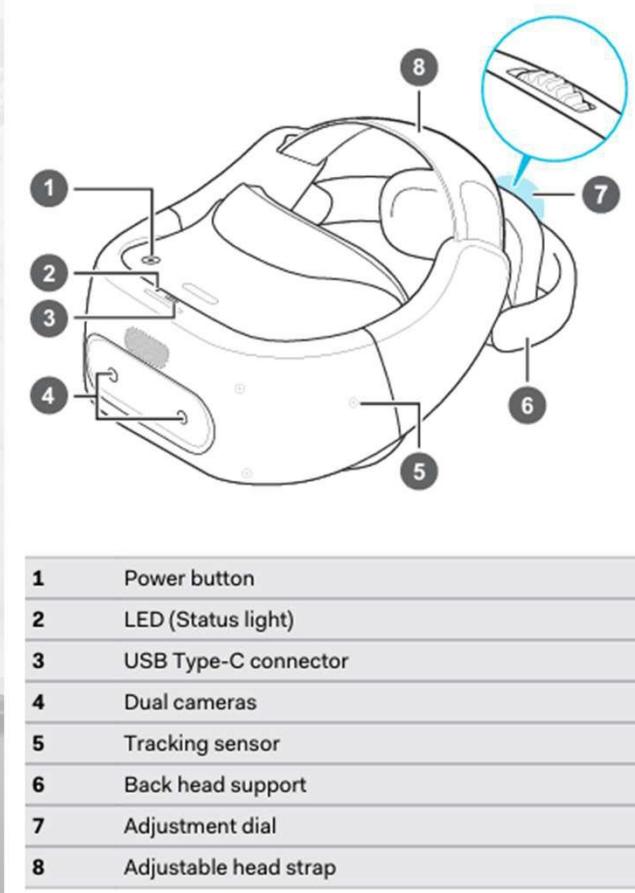
# Headset: Memory

- The CVXR videos are large files
- Currently 105 videos-more being made all the time
- Memory on the headset is limited
- *Options:*
  - Upload CVXR videos to a micro SD card: 128 GB
  - If more than one headset, could designate one to healthcare, construction or related careers
  - Rotate videos on the headset

# Using the Vive Focus Plus

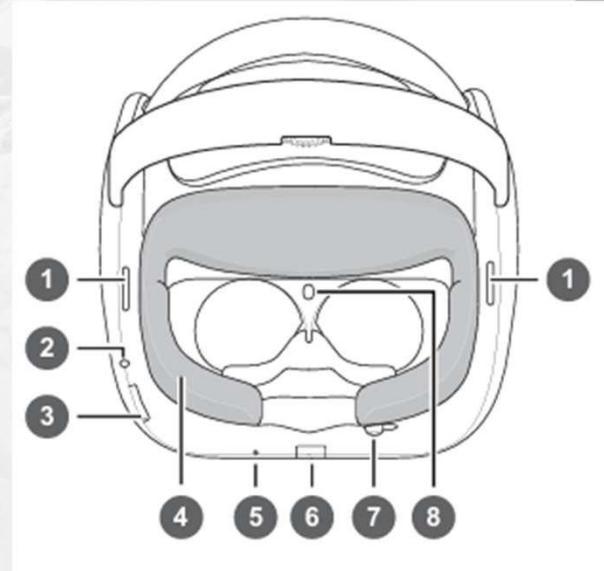
# Headset: Top

1. Power Button: Top right
2. LED Status Light: white is charged
3. USB Type-C connector: for charging
6. Back head support
7. Adjustment Dial
8. Adjustable head strap



# Headset: Bottom

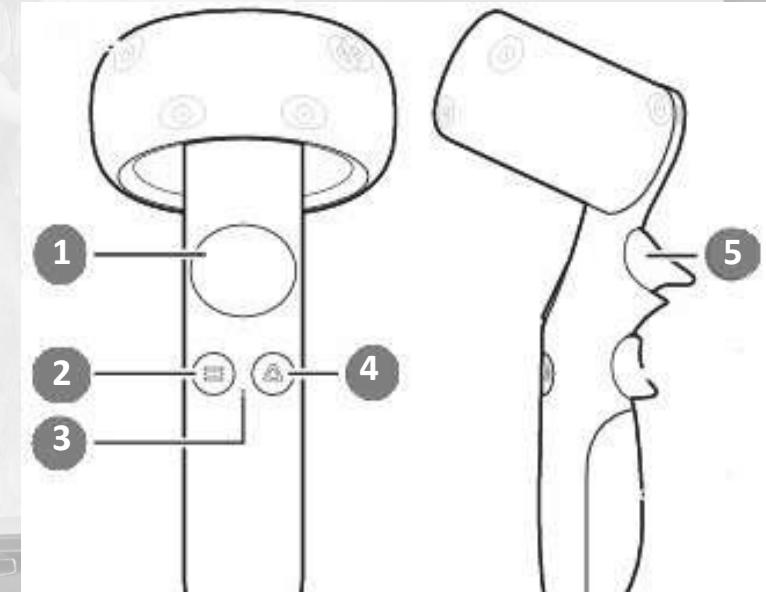
- 3. Volume Button
- 6. Storage card slot (SD card)



- 1 Speakers
- 2 3.5mm headset jack
- 3 Volume buttons
- 4 Face cushion (replaceable)
- 5 Microphone
- 6 Storage card slot
- 7 IPD adjustment slider
- 8 Proximity sensor

# Controllers

1. Trackpad: Can be used like a mouse to scroll thru list of CVXR videos
2. Menu bar (3 lines):
3. Status Light:
  - a. Blinking orange=power is low
  - b. Blinking white (& vibration)=pairing is successful
4. Vive Logo button (triangle): Turns on the controller. Controllers automatically turn off.
5. Trigger: Point the laser and pull the trigger to select something



# Using the Headset

- Power On the headset: upper right, put on the headset, hold button until it turns on
- Press the VIVE logo button on the controllers to turn them on
- *Tip: only one controller is needed-save the 2<sup>nd</sup> controller as back up*
- The headset does NOT need wifi to view the CVXR videos. Wifi is needed only for initial set up
- A VIVE account is not needed

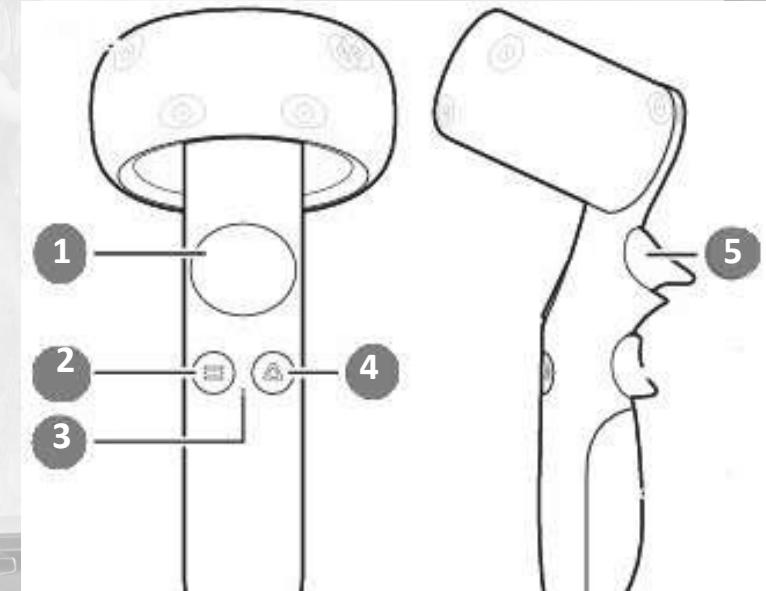
# Finding the CVXR Videos

- Click on Library (bottom center menu)
- Click On My Device
- Click on the Viveport Video app to open  
(Screen will go black)
- Then the Viveport Video app menu will appear
- Click on SD card (on the left hand side)
  - If no SD card, under the tab:
    - ‘Local’ click the ‘Movies’ folder
- Click on CVXR folder
- Then, all of the CareerViewXR videos will appear: click on a video to watch!

# Get Back to Main Menu

If you would like to return to the main menu:

Click the Vive logo button (4) on the controller



# Headset: Kiosk Mode

- Kiosk mode allows the user to only access preset applications
- To view the CVXR videos, you will need: Viveport Video
- The Viveport Video App opens right away when the headset is turned on
- This video shows how to use Kiosk mode: <https://vimeo.com/1001651166/b68d1014f6>
- Someone at your school will need to set up a password to enable and disable Kiosk.

# Headset Tips

- Use the headset in a chair
- Have extra AAA batteries on hand for the controllers
- Use Clorox wipes to clean the face shield between uses
- Use only micro-fiber cloth on the lense
- If you have more than one headset, label the headset and controllers to match

# Headset: Charging

- Headset charge will last approx. 2 hours
  - If using all day, keep plugged into power while not in use
  - If extra headsets available, keep as backups
  - Keeping the headset plugged in and on the chair helps with the boundary
  - Takes about 2 hours to a full charge
    - Orange light on top of headset=needs charge
    - White light on top of headset=charged

# Headset: Sensor

- There is a sensor where a user's forehead rests (between the eye/glasses area)
- The sensor recognizes when not in use, and puts the headset into sleep mode
  - To prevent sleep mode, cover the sensor with tape
  - This will prevent the headset from going back to the main menu

# Headset: Boundary

- The headset sets up an invisible boundary when the headset is turned on
- This is a safety feature
- When someone steps out of the boundary, the headset directs the user to get step back into the boundary
- If using in groups, have several feet between headsets
- *Tip: Mark a boundary in a 1 ft circle around the chair with tape, cones, or other*



# Headset: 360 degree view

- If the CVXR video is not playing in 360 degree view:
  - While playing the video, pull the trigger on the controller
  - Menu bar will appear
  - Select the 'eye' icon
  - Click on 360 and the video will change to 360 degrees.

# Headset: Casting (*optional*)



[j5create ScreenCast HDMI Wireless Display Adapter Receiver - Mirror Phone, Tablet, Laptop to HDTV - Compatible with Miracast, AirPlay, Android, Windows 10 PC, iOS, iPhone, Tablet \(JVAW56\)](#)

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[Compatible Devices](#) Television

[Specific Uses For](#) TV, Laptop, Tablet, Smartphone, Projector Product

[Connector Type](#) USB, HDMI

[Color](#) White

- [Amazon.com: j5create ScreenCast HDMI Wireless Display Adapter Receiver - Mirror Phone, Tablet, Laptop to HDTV - Compatible with Miracast, AirPlay, Android, Windows 10 PC, iOS, iPhone, Tablet \(JVAW56\) : Electronics](#)
- *Casting allows a classroom to see what the viewer in the headset is looking at*
- *This is the casting device that CVXR uses, there could be other options*

# How to Cast

## Casting the VIVE Focus Plus

- Plug both ends of the casting device into the back of screen *(does not attach to the actual headset)*
- When headset is on, click on Settings gear in the menu bar (bottom center)
- Click More Settings
- Click Cast
- Select the screen to cast to-which should match the numbers on the screen
- Make sure the tv is set to the right HDMI screen to view what is in the headset

## Casting the VIVE Focus Plus in Kiosk mode

- Plug both ends of the casting device into the back of screen *(does not attach to the actual headset)*
- When headset is on, and in Kiosk mode, press and hold the power button for a few seconds until the power down button appears
- In the upper right corner, click on the casting/screen
- Select the screen to cast to-which should match the numbers on the screen
- Make sure the tv is set to the right HDMI screen to view what is in the headset

# Headset: Loop the Video

If you would like the CVXR video to loop the same video:

- While the CVXR video is playing, pull the trigger with your pointer finger
- Menu bar will appear
- Click on the ‘Settings’ gear
- Move the slider button on the “Loop” option to on/blue

# Headset: Powering Off

- When done using, power off
- Press and hold the power button: top right
- Select: Shut Down from the menu inside the headset
- This preserves the charge, rather than going to sleep mode



**CareerView<sup>XR</sup>**

## Immersive Career Exploration Graduate Course

Immerse yourself in innovative career exploration with our graduate-level PD course on virtual reality for career exploration using CareerViewXR.

**COURSE REGISTRATION & MORE DETAILS**  
[CareerViewXR.com/cvxr-news/immersive-career-exploration-graduate-course](http://CareerViewXR.com/cvxr-news/immersive-career-exploration-graduate-course)

Optional Professional Development Credit Available through NDSU Distance & Continuing Education  
1 Credit | \$50 | Jan. 13–May 9





# Special Project: XR for VR

## 8 immersive rooms installed across ND



# Special Project: XR for VR

- The XR for VR Project aims to expand Competitive Integrated Employment (CIE) utilizing XR experiences for Youth and Adults with disabilities in North Dakota
- Distribution of VR headsets across all 8 regions of the state
- Installation of an immersive room in each of the 8 regions of the state

Contact Information:  (701) 224-2589

 [bscXRforVR@bismarckstate.edu](mailto:bscXRforVR@bismarckstate.edu)

 Advanced Technology Center –  
Bismarck State College





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