

Ready to scavenge? Hold on. Before you start, you'll need to follow the instructions below (details included for both VR headset and desktop). Once you're set up, welcome to the Tippie Verse!

## Setup and Configuration Information for Quest 2 HMD (Head Mounted Display)

### Install Engage (VR Headset)

Engage is supported on the following devices:

- Apple Vision Pro
- Quest 3
- Quest Pro
- Quest 2
- Rift S
- PICO 4 / Enterprise
- PICO Neo3/Pro/Pro Eye
- PICO G3
- Vive / Vive Pro
- Vive Cosmos / Elite
- Vive Focus 3
- Vive XR Elite

To install Engage on these devices, visit the App store in your headset and search for Engage VR.

### Install Engage (Desktop)

1. Visit <https://engagevr.io/engage-download-list/> and select Windows PC, Chromebook, or Apple Mac depending on the desktop PC you use. For Microsoft Windows PCs, you can also install the [Engage App](#) from the Microsoft Store
2. Note that if you are using a managed work device, you may need Administrator Privileges to install the application. Contact your IT support team for help.

### Install Engage (Mobile)

1. Visit the Appropriate App Store for your device (e.g. PlayStore for Android, or the App Store for iOS devices) and search for 'Engage VR'. The correct app is called 'ENGAGE Professional Metaverse'.
2. Or visit <https://engagevr.io/engage-download-list/> and select the appropriate card for your device.

## Engage Setup

1. Create Engage Account
  - a. Visit <https://app.engagevr.io/register>
  - b. Complete the account creation form, review, accept the Terms of Service and Privacy Policy, and then select **SIGN UP**.
  - c. On the EDIT PROFILE DETAILS page of the web manager, update your other profile information. The value that you enter for Height is applied to your avatar. To ensure accurate tracking if you use a VR headset, enter a Height value that closely matches your real height.
  - d. You will receive an email from ENGAGE [<noreply@mail.engagevr.io>](mailto:noreply@mail.engagevr.io) explaining how to verify your email address. Complete this step within 72 hours of receiving the email.
2. Create your Engage Avatar
  - a. Log on to the Engage App using the account set up in the previous step.
  - b. Use the Generate New Avatar Tool to create your Avatar.

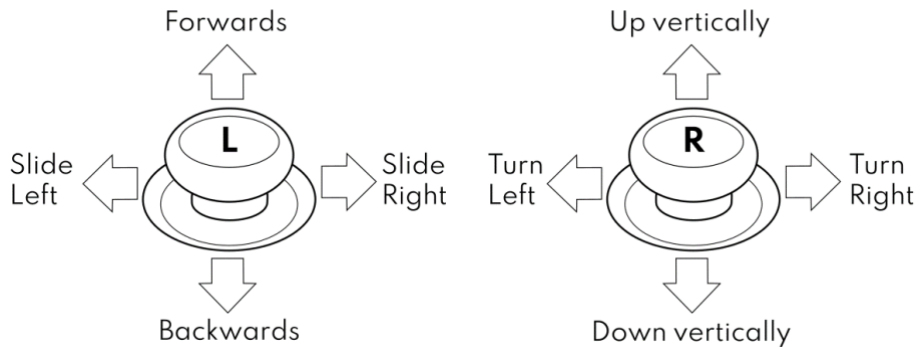
## Scavenger Hunt Experience

To visit the University of Iowa Digital Campus and participate in the Scavenger Hunt

1. Start the Engage App on your device.
2. Log on with the account you created in the Engage Setup steps above.
3. Select **Join Session** from the menu on the left.
4. Select **Join by Session ID**.
5. Enter 'XexRW' into the Enter Session ID box (note this is case sensitive).
6. After a short loading period you should be 'standing' in front of Herky on the Pentacrest of the University of Iowa Digital Campus.
7. If you are using a VR Headset you will need both controllers to navigate around the Digital Campus. See the VR Headset Controls and Desktop App controls sections below and familiarize yourself with moving about the campus.
8. Scattered around the Digital Campus, you will notice a list of the objects and tables containing examples of the objects you should find to complete the scavenger hunt.

## VR Headset Controls

These drawings are typical for most VR controllers – details for specific VR headsets can be found at <https://docs.engagevr.io/engage/readme-2/basic-controls>




## Desktop App Controls


Action	Control
Look around	When the editor panel is closed, move the mouse. When the editor panel is open, hold the right mouse button and move the mouse.
Move forwards in the direction that you're facing	<b>W</b> or <b>up</b> arrow key
Move backwards from the direction that you're facing	<b>S</b> or <b>down</b> arrow key
Slide to the left	<b>A</b> or <b>left</b> arrow key
Slide to the right	<b>D</b> or <b>right</b> arrow key
Move vertically upwards	<b>Q</b>
Move vertically downwards	<b>E</b>
Move faster	<b>Shift</b> + movement key
Move more slowly	<b>Ctrl</b> + movement key
Open and close the editor panel	<b>Esc</b>
Undo	<b>Ctrl</b> + <b>Z</b>
Delete the selected object	<b>Delete</b>
Focus the timeline on the selected object	<b>F</b>
Insert a keyframe for the selected object at the playhead location	<b>i</b>
Zoom in and out of the timeline, curve editor, or dope sheet	Mouse scroll wheel

## VR Headset Hints and Tips

### Boundary

Set up a stationary boundary on your VR headset and use a sitting position to visit the UI Digital Campus. In the Engage App, open the Menu and select the gear  icon on the right-hand menu strip. In the Settings pane, select **VR Options** and ensure that **Seated Mode** is selected. Use the arrow at the top left to return to Settings, and then select **User Preferences**. Ensure **Free Movement** is On

### Controls

You can see the VR Headset controls for your specific device inside the Engage App by opening the menu, selecting the gear  icon (Settings) and then selecting the **Controls** option.

### Motion Sickness

Some users experience symptoms of motion sickness (e.g., nausea, headache, dizziness) in Virtual Reality. This is due to a mismatch in your senses. Typically seated during a VR session, your inner ear is detecting little to no motion, while your eyes sense motion in the Virtual Reality space. This discrepancy can make VR users feel ill. These effects may be different in each individual, and most people build up a tolerance and adapt to using VR.

Here are some tips to help reduce the symptoms:

- Ensure your headset fits correctly and comfortably. Adjust head strap tightness, screen brightness, and inter pupillary distance (IPD). Invest in an alternate head strap (see above).
- Initially avoid quick motions.
- Close your eyes and relax if you begin experience motion sickness symptoms.
- Spend less time in VR during each session – gradually increase session times.
- Choose VR experiences that reduce the effects, then move on to more challenging experiences.
- Teleport instead of walk within VR spaces.
- Direct a fan at your face and head while using the headset.