

# Virtual Reality workshop for National Theatre of Scotland

**Create a virtual reality tableau of an imaginary space that combines images, words, and other virtual objects.**

In the first play of Interference, *Metaverse*, a mother meets her daughter in a virtual space, to help her with her homework.

Create your own virtual space that you'd use to work, play, relax, or solves a problem you have.

What would be the perfect virtual space to hang out with friends?

If you hate noisy train stations, design a virtual space you would escape to.

A perfect holiday space.

A space for watching films with friends.

Somewhere to go if you feel anxious.

## Set the scene

1. Find an 'equirectangular' photo that suits your space. You'll find lots here: <https://crg.st/equil>
2. Use the download icon to save the photo to your computer
3. Go the project page - <https://glitch.com/~webvr-space>
4. Click the Remix your own button to make your own copy of the project
5. Click on the assets folder on the left hand side. Upload your photo by dragging and dropping it.
6. Use the Copy button to copy the URL (address) of the image you uploaded
7. Change the `<a-sky>` line of code, replace the address in `src` with the one you've just copied.
8. Use the Show Live button to see your updated VR scene

## Add in words

What words or phrases describe how you feel in this space?

For example:

*Carefree Calm Gloomy Repulsed Lazy Rejuvenated*

*Focussed Edgy Sociable Focussed Safe Stressed Amused*

1. Create a list of 5 words, and then add them into the space as `<a-text>` objects
2. You can change the position and rotation of each bit of text
3. Use different fonts that match the mood. These fonts are built-in to A-Frame: `robotoon`  
`aileronsemibold` `dejavu`  
`exo2bold` `exo2semibold` `kelsonsans` `monoidillavr` `sourcecodepro`

You can use a visual inspector tool to view and remix your space.  
Just press `ctrl + alt + i` on any A-Frame scene to open up the Inspector.

## **Add in sounds, shapes, and other objects**

You can also add sounds into your space. (Although, this doesn't work as well on mobile browsers).  
Here's an example of a project that uses sound - <https://glitch.com/~webvr-space-sound>. You can remix it to use your own sounds or music.

<https://freesound.org/> is a great website for free sounds.

Use the aframe website <https://aframe.io/docs> to find out about adding other shapes and 3D objects.