

Using Virtual Reality in the reality of this new virtual world




**Georgia
Association of
Marine Education**

A large orange circle is positioned on the left side of the slide, partially overlapping the text 'Why Virtual Reality?'.

Why Virtual Reality?

Virtual Reality in the Classroom

- It allows students to explore new environments where they may not have the opportunity to explore due to money, logistics or restrictions
 - It works with the technology that most kids already possess, and most VR apps are free
- 
- A series of four yellow dashed line segments are arranged in a curved, upward-pointing arc in the bottom right corner of the slide.



Virtual Reality in the Classroom

- Virtual reality works best when it augments or enhances field experiences and not replaces them
- VR can be a challenge if all the students do not have access to a cell phone, tablet or other digital device. This can often be overcome by a teacher led, non-VR google, activity

Virtual Reality in the Classroom

- There are many different types of equipment for students to use and many different price ranges. Prices range from DIY costs of \$0 to \$35.
- Scan the QR code located on the side of the viewer
- Free QR code readers available in App stores. I use *Scan Life*



Virtual Reality in the Classroom

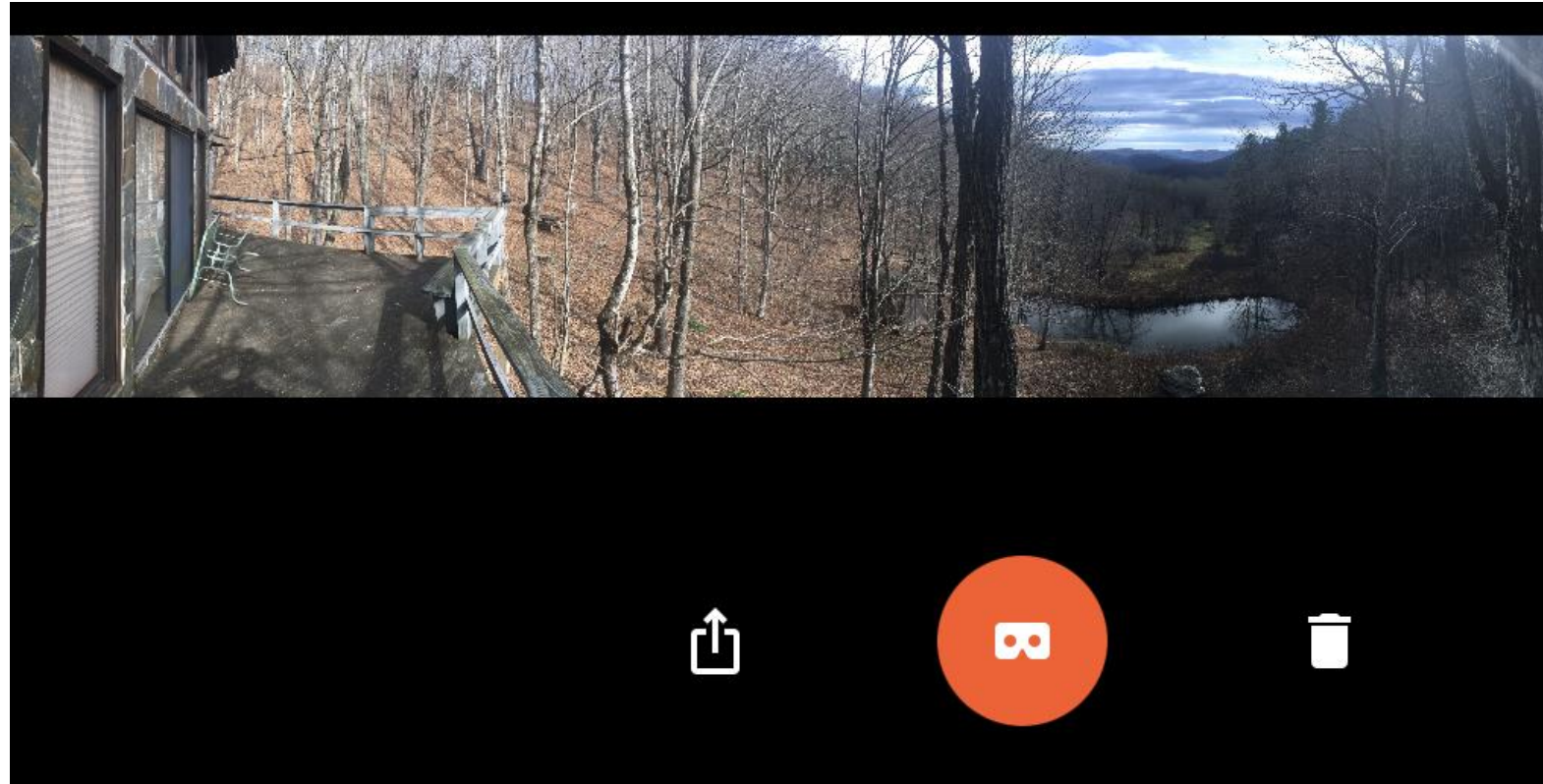
- Google Cardboard

<https://arvr.google.com/cardboard/get-cardboard/>



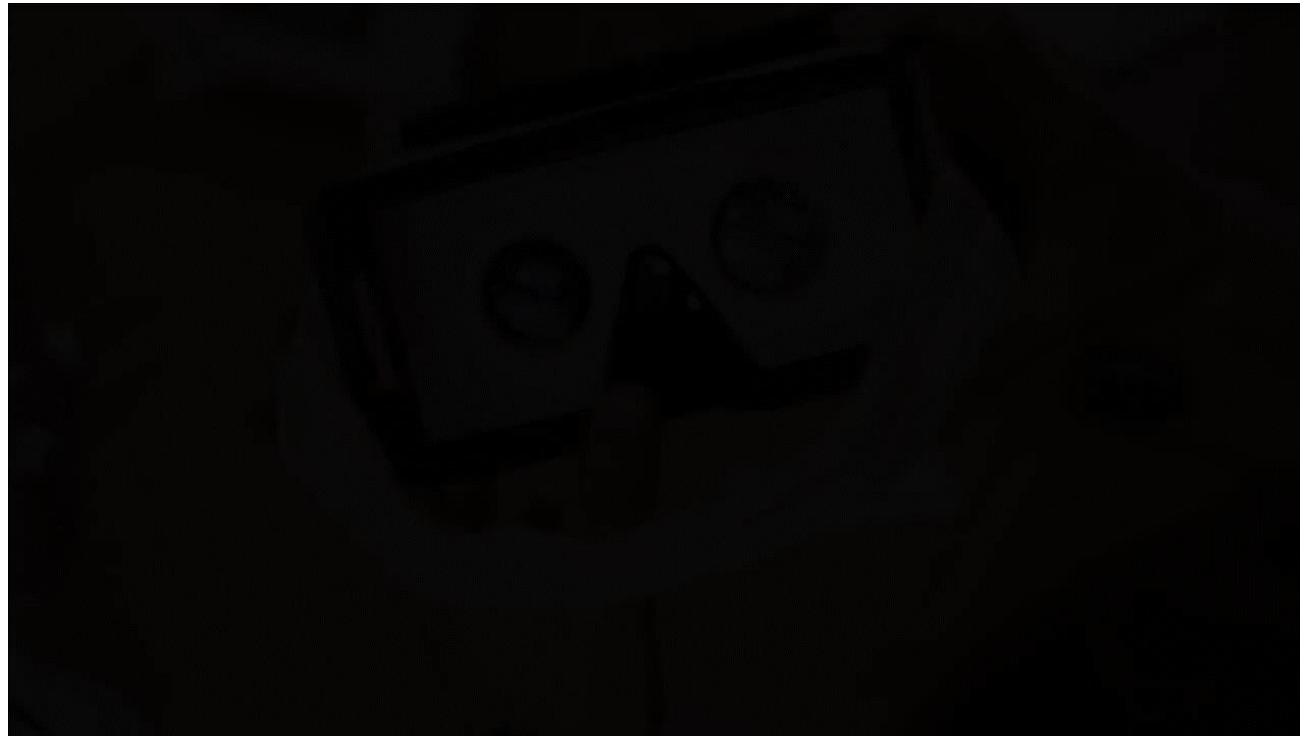
Virtual Reality in the Classroom

- So, now you have goggles,
Now What???
- Google Cardboard



Virtual Reality in the Classroom

- How to make your own VR goggles



Template Link -
<https://goo.gl/nRokeA>

<https://www.youtube.com/watch?v=BXqwICiwAAY>

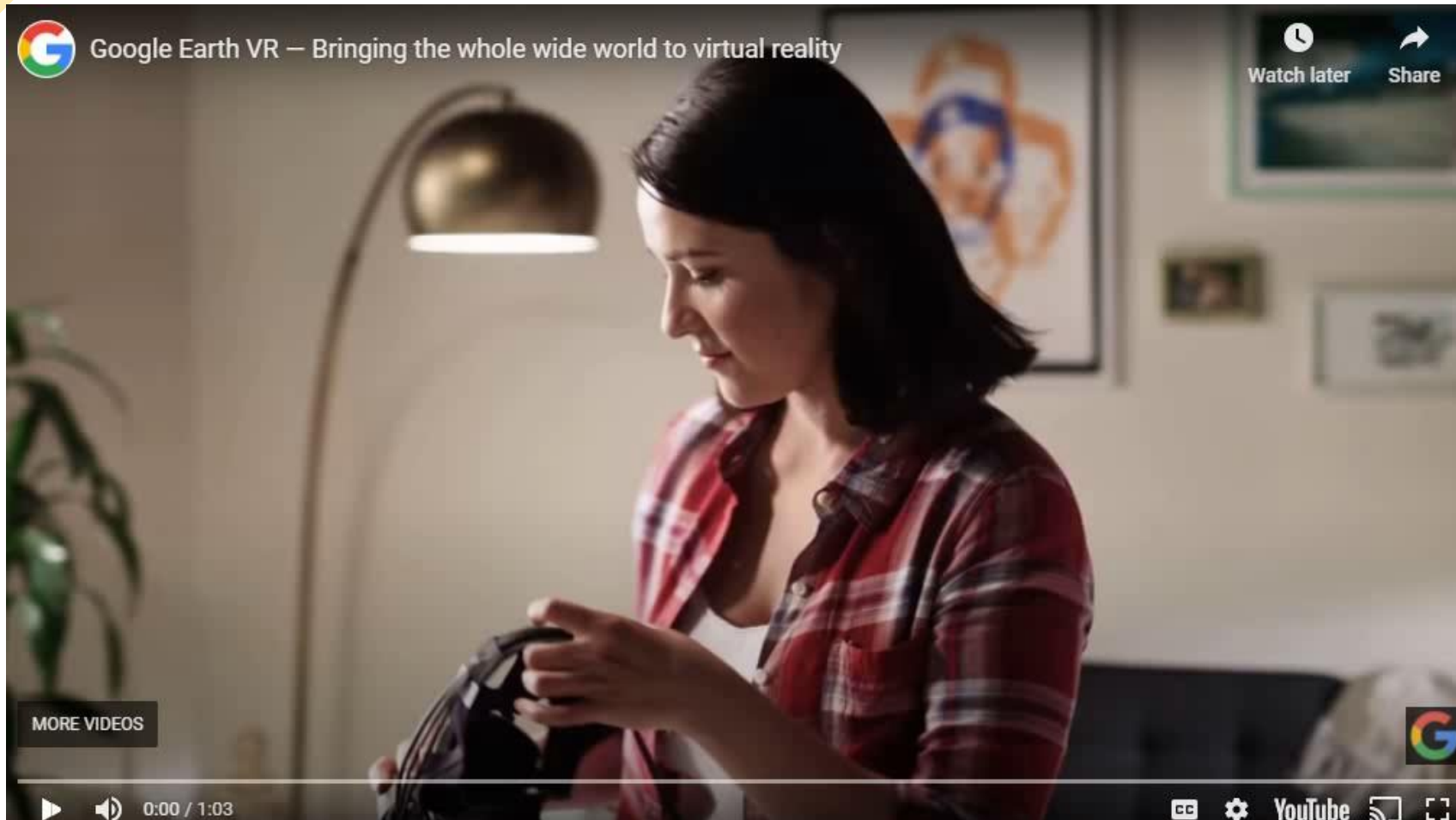
Virtual Reality in the Classroom

- How to make your own VR goggles



https://www.youtube.com/watch?v=Za_h1resks0

Virtual Reality in the Classroom



- So, now you have goggles, Now What???
- Google Earth VR

Virtual Reality in the Classroom

- So, now you have goggles, Now What???
- Google Expeditions
 - Go on self guided tours or sign-up for guided expeditions
 - Over [900 VR Expeditions](#)



American Museum of Natural History

Virtual Reality in the Classroom

- So, now you have goggles, Now What???
- Discovery Channel



Virtual Reality in the Classroom

- So, now you have goggles, Now What???
- Google Street View



Nannygoat Beach, Sapelo
After Hurricane Mathew

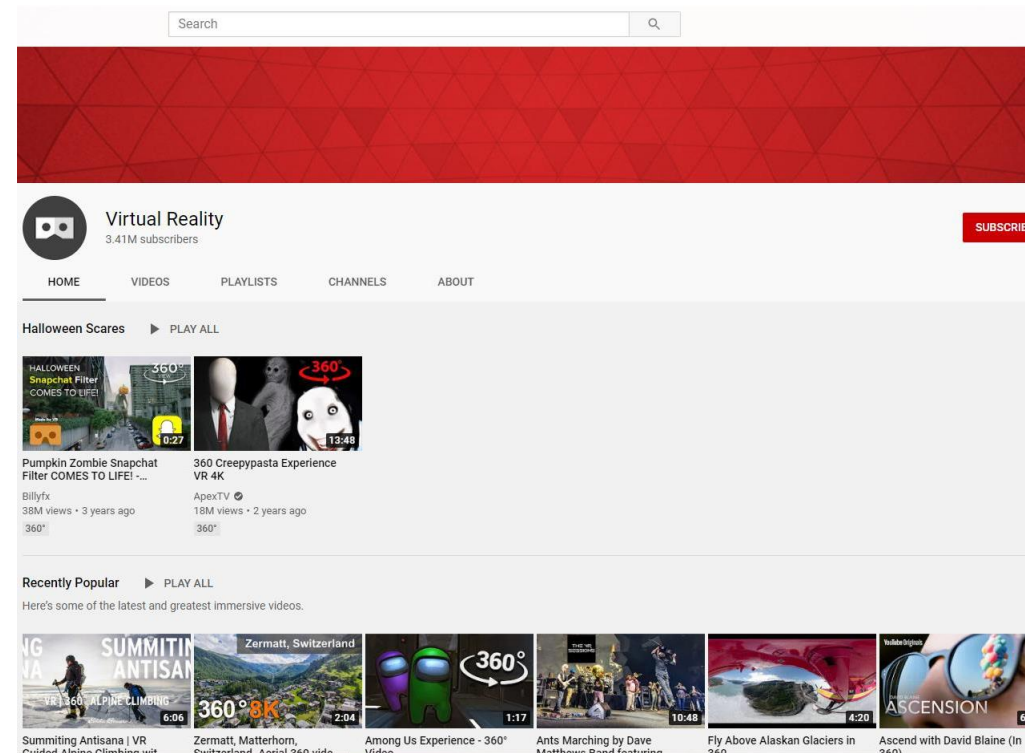
https://www.google.com/maps/@31.396491,-81.2637335,3a,75y,240h,90t/data=!3m4!1e1!3m2!1sAF1QipMbJUfdM1E3YgKZuugAHoxIIAxzqP_ewbXmhB_m!2e10

Virtual Reality in the Classroom

- So, now you have goggles,
Now What???
- YouTube VR

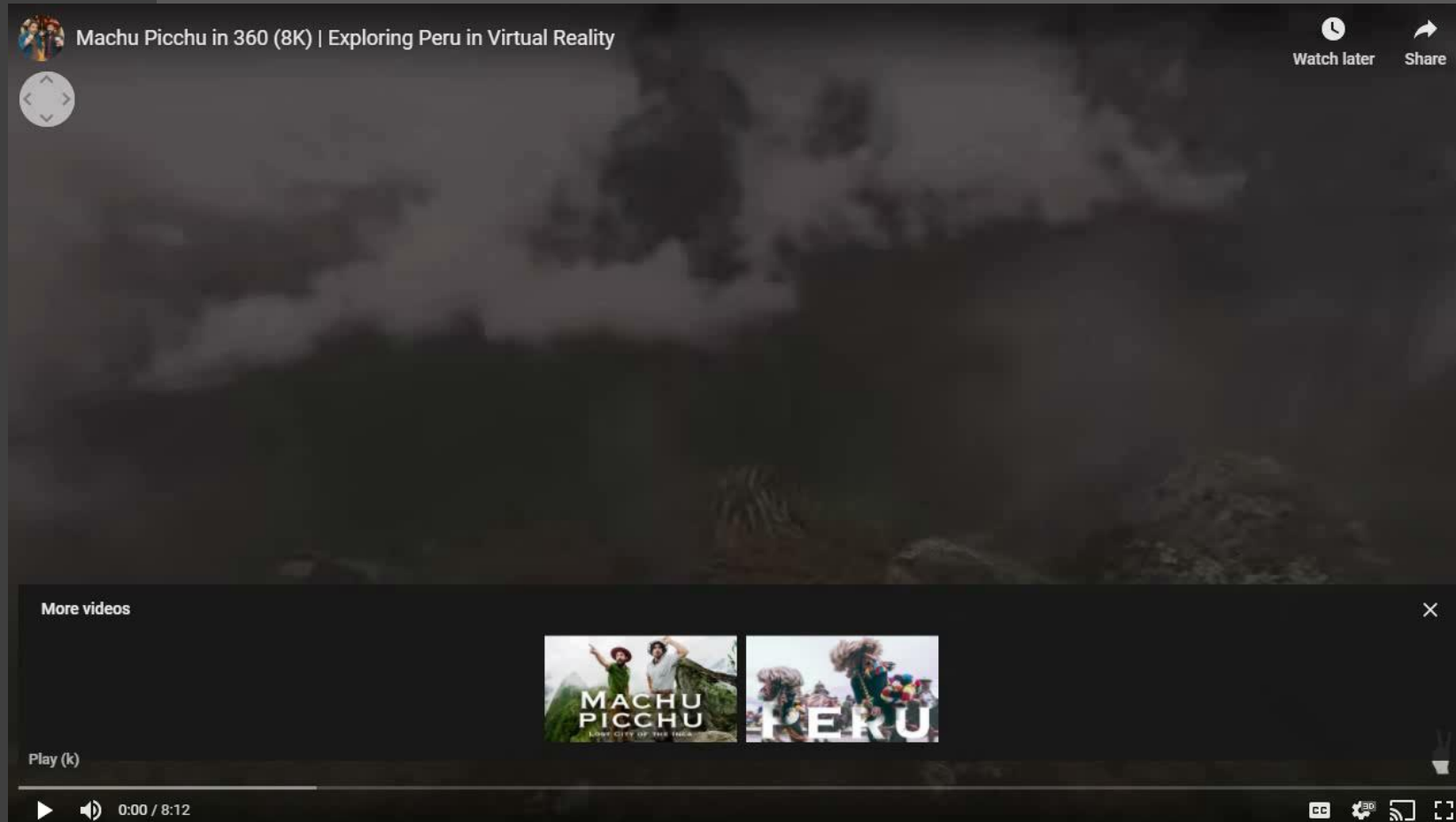
You Tube Home Page

<https://www.youtube.com/channel/UCzuqhhs6NWbqTzMuM09WKDQ>



Virtual Reality in the Classroom

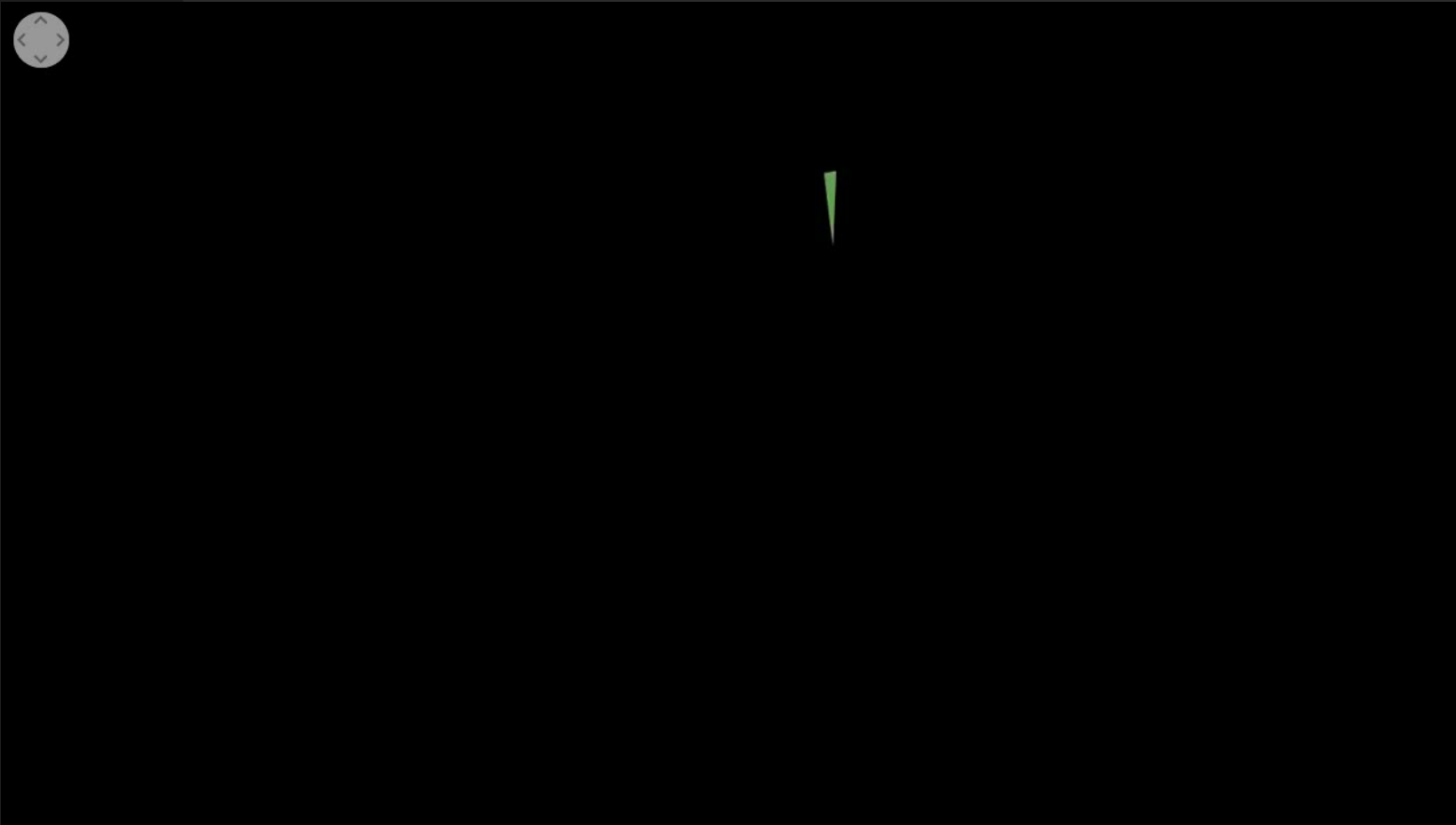
- So, now you have goggles, Now What???
- YouTube VR



- Sample YouTube VR Video:
- *Machu Picchu*

Virtual Reality in the Classroom

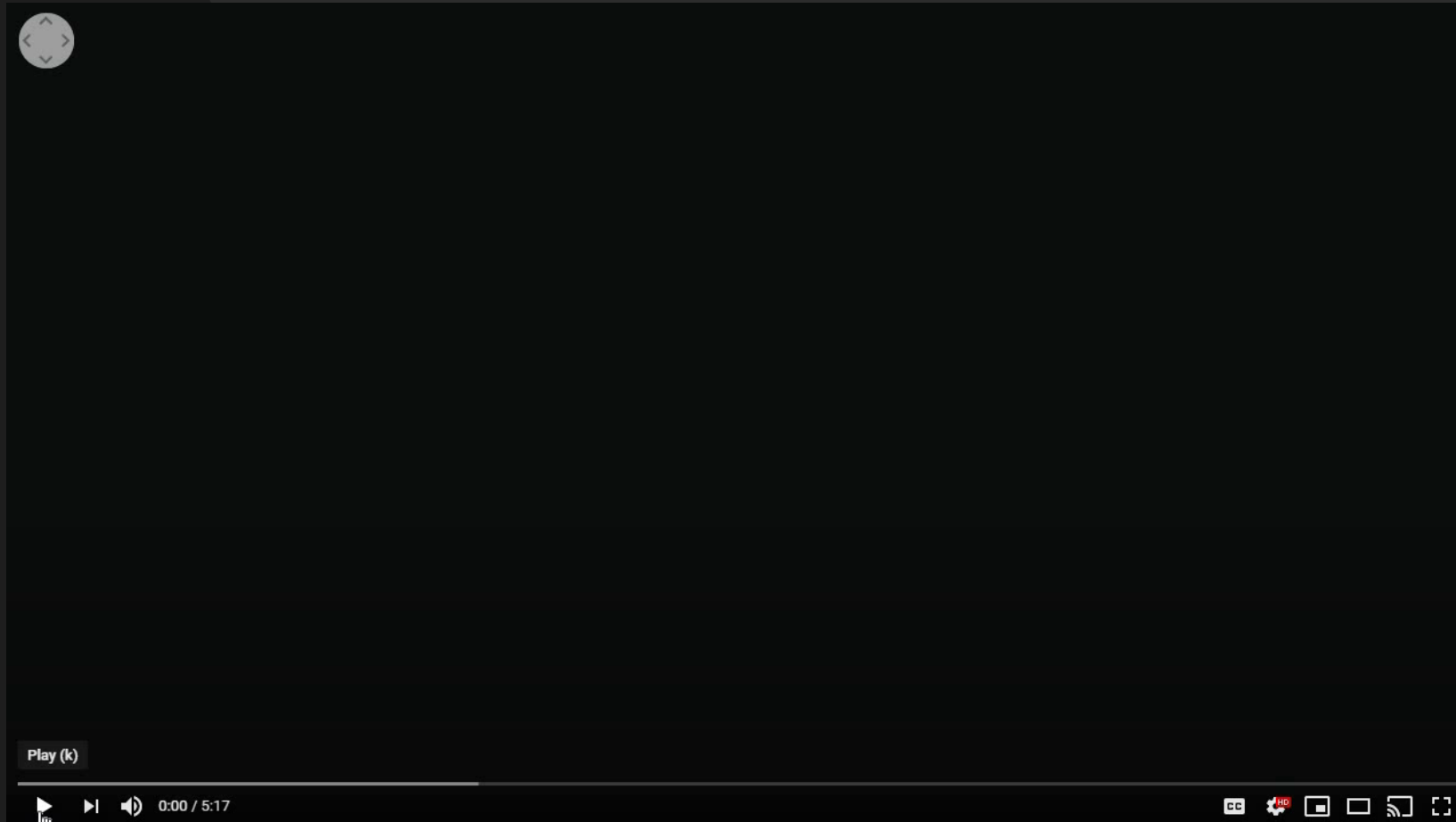
- So, now you have goggles, Now What???
- YouTube VR



- Sample YouTube VR Video:
- *Exoplanets*

Virtual Reality in the Classroom

- So, now you have goggles, Now What???
- YouTube VR



- Sample YouTube VR Video:
- *Journey to the edge of Space*

Virtual Reality in the Classroom

- So, now you have goggles, Now What???
- National Geographic



- Sample YouTube VR Video:
- *Diving with Sharks*

Virtual Reality in the Classroom

- So, now you have goggles, Now What???
- YouTube VR



- Sample YouTube VR Video:
- *Sea Turtles on Buck Island, USVI*



Play (k)

▶ ⏮ 🔊 2:17 / 5:49





Questions?

You are only limited by your
imagination