

THE PLANET OF CRYPTON

Empathize

Krypton is an ice giant in a vast solar system with fourteen other planets. It is approximately 6.5 times the size of Earth, with gravity 2.84 times stronger. A day on Krypton lasts 24.52 hours, while a year is just 105 days. The planet consists of 8 continents, covering 71% of its landmass. Three moons orbit Krypton, which follows a narrow, elliptical orbit around a white sun. Despite challenging conditions, Krypton can support life. The world is home to unique sounds and architecture, shaped by its icy landscape and strong gravitational forces—what mysteries do they hold?

Define

The sound choices were as follows:

1. Wind blowing in an open space (spooky and eerie, sending chills).
2. An astronaut working on a project on the planet.
3. Radio communication, with back-and-forth dialogue on how to fix things.
4. The sound of a small animal clicking and digging into the ground—imagined as a large, hairy rat.

I had completed the ambient sound designs and started working on preliminary sketches for sound designs inspired by my neighbor, Jennifer Newhard.

These 3D sculptures were created in Tinkercad.

I finished the designs and presented them for critique through Tinkercad screenshots and accompanying sound files.

Tools/Requirements:

- 6 sound files
- Learning Tinkercad
- Learning Adobe Audition or Audacity for sound editing.

Ideate

I created some sketches to help visualize the sound elements and the structure I want to build. Additionally, I researched and gathered reference images online to guide the design process.

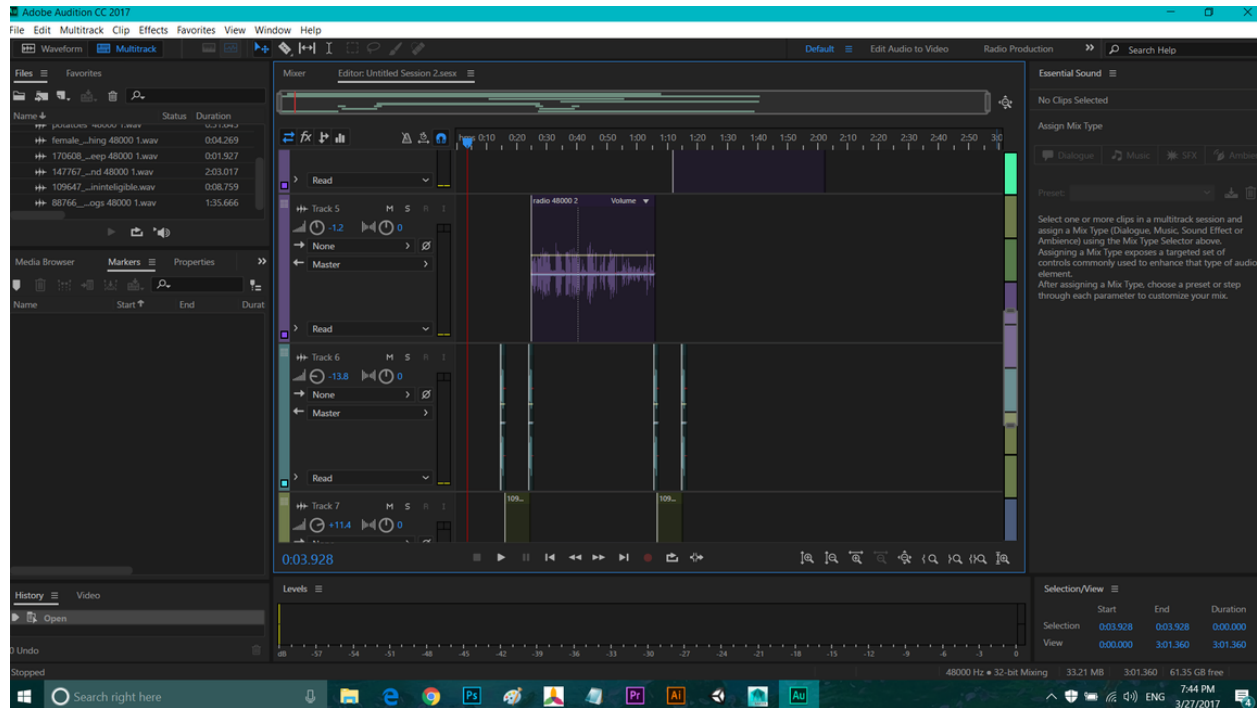
Reference Images:



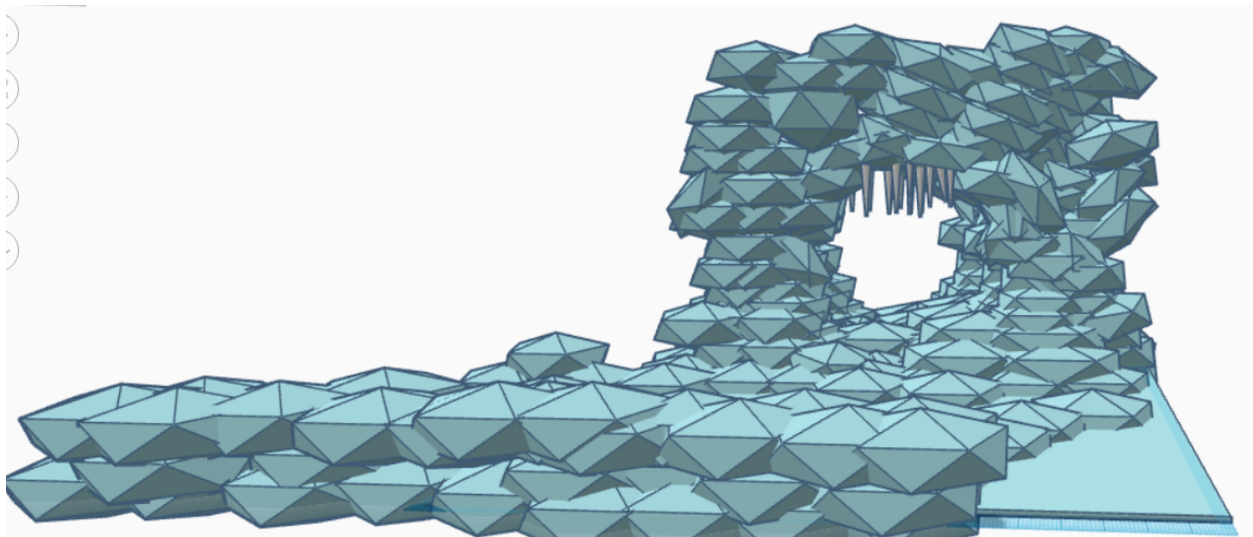
Digging Zucchini and recording sound



Editing the Sound



Building the Cave in TincerCod



The sound with the pictures (Final Product)

Ice Planet Class Project (3Ds + Sound Effect)

<https://youtu.be/qT5ewCfDNG8?si=zA2T01Bkoduyne3>