

This Thursday

3 prototypes to test

With a classroom (Arline - climate camp).

25 4th and 5th graders

In the Calder classroom

URL: <https://beefoo.github.io/climate-lab/> (1a, 2 & 3)

Two time slots:

9:20 – 10:05; 3ish-4 - just do one

Each prototype has controls. But limited number.

5-10 introduction

Three stations, one for each prototype. Screens as big as possible, so others can watch along.

If we can't get big screens then multiple smaller screens. Each needs a laptop. One station would use the controllers, and the other two an ipod each to mimic a controller.

Eval: Guided observation. We want to learn:

- Short term noise
 - Do they understand what the controls do.
 - Horizontal controls time (amount of data)
 - General concepts
 - Temperature anomaly
- Warming around the world
 - Do they understand what the controls do.
 - Horizontal controls movement in time
 - Vertical controls region of the planet you are looking at
 - General concepts
 - Warming is unevenly distributed around the world
 - So you need the big picture to look for patterns
- Causes
 - Do they understand what the controls do.
 - Buttons add/subtract natural and human affect on global temperature
 - Earth's orbit, sun, volcano
 - Clearing forests, ozone, carbon dioxide
 - General concepts
 - Humans are driving temperature warming, not natural factors
- General
 - What was most engaging?
 - What is most memorable?

Thursday

People's Center

9:20 – 10:05.

Course of 4-5 graders.

Friday

Discovery Room

2:15 - 5:00

8+

Upstairs