Math Literacy & Climate Change: Workbook, Online Homework, Computer Labs

Class work every day in the workbook.

We build a toolkit of skills.

Mindset modules address math anxiety and growth mindset.

Finding the rate of increase of the atmospheric CO₂ concentration.

Online homework for each activity - real applications.

Weekly reflection questions - students write about math or mindset.

Computer Labs - applying what we've learned to spreadsheets.

I can share folders with you!
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Project Overview

Classtimes gave us:
- Online homework
- Reflections
- Workbook
- Projects
- Everything was in Ily Open Math & Word & Google Sheets (I think!)

We now have:
- In google drive: Workbook docs
- Google sheets templates
- On Moodle: Online homework
- Reflections

Students purchase the workbook for about $15 (cost of printing) and bring it to class every day.
We meet in the computer lab 1 hour/week.

LCC (internal) OER grant - Summer 2017
- Moved documents from NIM (My Open Math) to Google Drive
- added activities
- brought online homework from NIM to Moodle

Open Oregon Grant - Summer 2018
- Reorganized workbook (by units, not weeks)
- added & subtracted topics
- created weekly computer lab activities
- Wrote more homework problems.