

Climate Change: A Call To Action

5th grade Project-Based Learning Unit

Welcome!

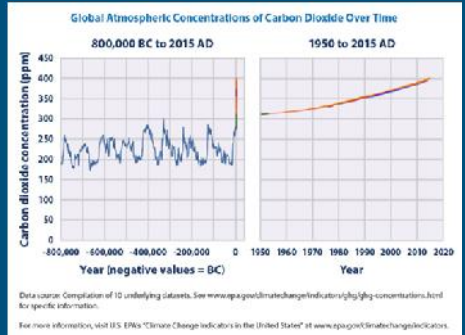
5th Grade students, Moses Brown School
Elizabeth Grumbach, N-5 science teacher



The Hook Event



Proof of the Problem:



Global Atmospheric Concentrations of Carbon Dioxide Over Time

Year	Carbon dioxide concentration (ppm)
-800,000	~200
-600,000	~200
-400,000	~200
-200,000	~200
0	~280
1950	~310
1960	~315
1970	~320
1980	~325
1990	~330
2000	~335
2010	~340
2015	~345

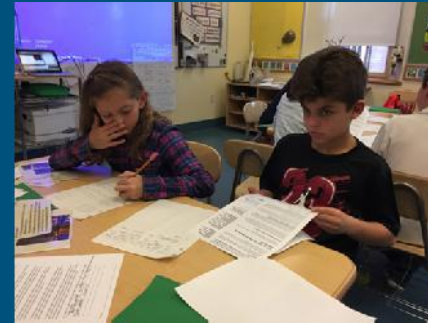
Data source: Compilation of 10 underlying datasets. See www.epa.gov/climatechange/indicators/trends/ghg-concentrations.html for specific information.
For more information, visit U.S. EPA's "Climate Change Indicators in the United States" at www.epa.gov/climatechange/indicators.

Student Group Solution #2: Change in our school community

Our project is based on a school car lot and it also is modified. We added slants on the roof so that when it snows the water from when the snow melts will water the grass. Also, if it rains the raindrops will slide of the slant and water the grass. Finally, if sunlight comes down and reflects off of the white roof it will prevent co2 being caught in the atmosphere.



Student Group Solution #3: Change at the State level



Final reflections on Project-Based Learning

Thank you for listening!

Questions?