

# Abby Paske

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2 different Climate Change Expo Ideas

# The Climate Expo Process Template

- 1) Whole Class Learning. Rather than splitting the class into small groups to jigsaw, I teach the whole class each of the topics.
- 2) Students pick Groups of 1-2 people (Mini Posters) or 2-3 (Full Posters).
- 3) Student Groups decide on topic of interest based on experiences from whole class learning and work on posters together.
- 4) Younger students are invited to come and see the Expo during science class times.
- 5) Younger students circulate and visit older students who present their posters and ask them questions. They receive stamps on a “passport” for each poster they visit.
- 6) We wrap up the Expo with appreciations and hopeful explanation of the butterfly effect - small changes students make can provide big differences in the future of our planet.

# The Projects

## Mini Poster (one 90-minute class period)

- Printed out a variety of pictures that corresponded with the lessons that students had experienced.
- Student groups chose the picture they wanted and glued it to a folded over construction paper to make interactive poster
- Rough drafts written collaboratively in notebook and checked (quickly!) Template provided for learners who needed writing support.

*What's Happening In This picture?*

*What does this have to do with Climate Change?*

*What are 2 things you can do to slow down climate change?*

- Final copy, catchy title and decorations on Mini Poster

## Full Poster (two-three 90-minute class periods)

- Presenters engage younger visitors in hands on-activity related to energy or electricity project
- Poster corresponds with energy transformation, pros and cons, opinions
- 3 question “exit ticket” for younger visitors
- Rough drafts written on separate worksheets tailored to specific experiments. Checked for content.
- Posters made on [mini trifold boards](#) to save space.
- Presenters given time to work on a “script” to engage visitors and share responsibility
- Pictures selected by groups and printed by teacher.

## \*Pass The Gas\*



## Mini Poster Examples

## Save the <sup>(sea)</sup> Unicorns



This picture shows...

A carbon footprint that shows all the ~~ways~~ ways people are creating waste and making gases.

It is related to climate change ~~because~~ because... Carbon dioxide is a type of greenhouse gas, and greenhouse gases trap heat in the atmosphere, warming up our planet and melting the ice.

Some things you can do to help are...

When going to school, try to bike, walk, skate, etc. instead of driving to school. Before going to bed, turn off lights and heaters (built in) to stop wasting energy. And you can start drinking tap water instead of bottled water!

Other things you can do are... reuse glass plates, cups, silverware, and pack reusable lunches to school. Ask your parents to switch to LED or CFL lightbulbs to save more energy. Best of all, try to switch to solar panels to get energy from the sun!

This picture shows... The playful unicorns of the sea, Narwhals, playing in their natural habitat.

It's related to climate change because... The ice these animals need is rapidly melting. ~~and~~ Their food is dying and soon they'll all starve.

One thing you can do to help is: Start carpooling more. Cars release carbon dioxide into the air which melts the ice. Another thing you can do is... Plant more trees. Trees absorb the carbon dioxide and slow down the melting ice!

# From Big Poster Expo

