


This is your final project for our water unit. Pick 3 activities in a row. We will have class time next week to start on these projects, but you should be prepared to work on it at home over your winter holidays. **AT LEAST ONE OF YOUR ACTIVITIES MUST BE IN SPANISH.**

Beware of ***FORBIDDEN!!!*** errors in your final projects. Additional resources (such as water logs, grid paper, and suggested websites) will be posted on the website. Also, if you need something and are unable to print it off/find it, let us know and we'll make sure you have it before break. Please talk to Maestra Brewer or Maestra Trail **before** Winter Break if you have any questions. Rubrics for the writing, science experiments, models, and posters will be available on the website next week after we review them in class on Monday.

Write a story from the point of view of a polar bear or penguin. Make sure to describe the changes happening to their homes.	Choose 1 water-saving technology and create a pro/con list for it. Be sure to include how much water it should conserve. Example: Low-Flow Toilet <table><tr><td>Pros</td><td>Cons</td></tr><tr><td>saves money over time</td><td>expensive to purchase</td></tr></table>	Pros	Cons	saves money over time	expensive to purchase	Make a model of a kind of water technology: <table><tr><td>_____</td><td>a dam</td></tr><tr><td>_____</td><td>aqueduct</td></tr><tr><td>_____</td><td>acequia</td></tr><tr><td>_____</td><td>plumbing</td></tr><tr><td>_____</td><td>water wheel</td></tr><tr><td>_____</td><td>well</td></tr><tr><td>_____</td><td>other</td></tr></table>	_____	a dam	_____	aqueduct	_____	acequia	_____	plumbing	_____	water wheel	_____	well	_____	other
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Do an experiment with water, using the <i>scientific method</i> . Present to class using a poster, a science board, a power point presentation, or any other way you'd like. (see the mini-poster on the back for reference)	Write a concrete poem about your chosen water topic.	Create a diagram illustrating the different ways water enters a city (remember the diagram of Atlantis you made, and the Magic School Bus book, <u>At the Waterworks.</u>)																		
Log the water used in your home for a <u>week</u> . Graph the results. Graph must have labeled X and Y axis. (log and graph paper available on website, or ask Mrs. Trail)	Create an informational poster about water conservation, aquatic animal conservation, or aquatic habitat conservation. Present to the class.	Build a diorama about an aquatic ecosystem and present to the class.																		



Scientific Method

Question
What do you want to learn?

Hypothesis
Take a guess on what you think the answer to your question might be.

Materials
List the materials you will need to complete the experiment.

Experiment
Test your question by doing an experiment.

Results
What happened during the experiment?

Conclusion
Discuss your findings and answer your question.

Teacher's Table