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Greenhouse Effect

5th Grade Lesson Plan

I. ENGAGE -A teacher led activity or demonstration that hooks the student and connects with student knowledge

* Teacher will ask students if they know what a greenhouse is, if they have ever seen and why people use them.
* If students seem knowledge about I would write the word Global Warming on the board and have each student write a word that they think corresponds on a post-it and have them put it up on the board.

II. EXPLORE- A hands-on activity or experiment

* Students will go on computers in groups and research what the greenhouse effect is.
* http://www.clean-air-kids.org.uk/globalwarming.html

III. EXPLAIN Teacher uses questioning strategies to probe student understanding and connect concepts to real life experiences

* Teacher asks questions to the students to see what they have learned about the greenhouse effect.
* Students write their own definitions and examples of the effects of the global warming.
* Students will need to explain how this effects people in their every day lives.

IV. ELABORATE - Students expand their concept knowledge through hands-on, project-focused, and literacy-based experiences

* Students will create their own greenhouse. <http://www.earthsciweek.org/classroom-activities/your-own-greenhouse>
* Students will be able to create and see hands on how the greenhouse effect works.

V. EVALUATE Teacher checks for understanding.

* Students will be given a writing prompt for homework about the greenhouse effect and global warming and use their prior knowledge to write a page response
* Teacher will grade the students writing assessment to see what they took away from the lesson.