**Making Chalk**

**DESCRIPTION:**   
This demo shows how a precipitation reaction works. The precipitate formed is a common ingredient in chalk.  
 CaCl2 (aq) + Na2CO3 (aq) → NaCl (aq) + CaCO3 (s)

**TOPICS COVERED:**- precipitate reactions  
- double replacement reactions  
- chemical change   
- solubility

**MATERIALS NEEDED:**- 1M CaCl2  
- 1M Na2CO3  
- petri dish  
- disposable pipets

**PROCEDURE:**1. Add a pipet full of CaCl2 to the petri dish  
2. Add a pipet full of Na2CO3  to the petri dish

**ADDITIONAL COMMENTS:**This demo would work great on a document camera, just put a piece of colored paper under the petri dish to help the students see. Food coloring can also be added to help see. If only a small amount of liquid is used, the reaction can be wiped up with a paper towel. If not it can be poured down the drain.

**SAFETY:**   
Safety goggles should always be worn.

**REFERENCES:**"Demo: Precipitation of Chalk." *Educational Web Labs*. Accessed 29 Jun 2010. <http://www.eduweblabs.com/Database/Lab\_Folders/demo/demo.html>.