

## Making a Comet Activity

Before beginning this activity read the information located at:

Educator's Guide to Kitchen Comets,

<http://www.pbs.org/wgbh/nova/spacewatch/make-a-comet.html>

This activity will also be done during class and the materials will be provided for you. You and your team members will mix together ingredients to simulate a comet.

1. What are the **actual** ingredients in a comet?
2. How does this activity simulate the behavior of a real comet? Be sure to describe what happened to your comet when you put it in the Sun.
3. What would remain after your comet spent several hours in the Sun? Why? What would happen to the other ingredients?