

Fun Demonstrations Using Liquid Nitrogen

Fun Questions:

- ★ What happens when you put a hot dog in liquid Nitrogen?
 - The liquid Nitrogen causes the hot dog to freeze.
- ★ What happens when you put a racket ball in liquid Nitrogen?
 - The liquid Nitrogen causes the racket ball to freeze.
- ★ What happens when you drop the hot dog that you took out of the liquid Nitrogen on the Cement?
 - The hot dog shatters into several pieces.
- ★ What happens when you drop the racket ball that you took out of the liquid Nitrogen on the Cement?
 - The racket ball that normally bounces shatters into many pieces.

Warnings and Precautions:

The students should never come near the liquid Nitrogen. The teacher doing the demonstration needs to use tongs and wear protective gloves to prevent liquid Nitrogen coming in contact with any skin. Liquid Nitrogen can burn skin and cause severe injury. Students also need to stand back when the hot dog and racket ball are dropped on the ground. The pieces can travel far and can be rather sharp with jagged edges.