

Cryogenic Temperatures

Cryogenics is the effect of temperatures on an objects or substances. On April 24, 2007 we had a visitor come and demonstrate cryogenic temperatures to Mrs.Cooperider's class. One of the cryogenic substances is a carbon-based ice that is referred to as dry ice. The second cryogenic substance is a liquid, it is pretty obvious and when you read it you will go is called liquid nitrogen. Hey did you know that liquid nitrogen is so cold that it burns? Liquid nitrogen has its normal temperature of -320 f and it has a liquid form, but when it is exposed to normal room temperature [which would be about 56 f to 76 f] it turns into a gas. This is because it is very warm in the room and the nitrogen is very cold so it evaporates into a gas.

Out of the five experiments with cryogenic temperatures, my favorite was the u-tube. The u-tube is made of pipes that are in the shape of a U, with a valve at one end and a cork in the pipe at the other end. She had taken a glass of liquid nitrogen and poured it into the valve then closed the valve. And the reaction cork flew out, this is because the gas has to come out somewhere so it comes out from the cork.

I hope that you enjoyed reading this as much as I had learning about this.

By

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