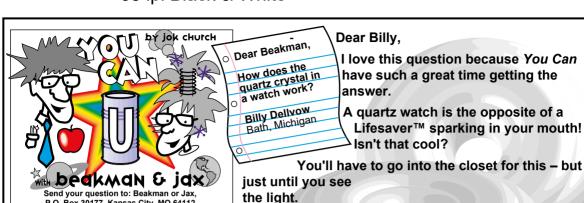
Universal Press Syndicate 65 lpi Black & White Electronic color separations by MarinStat, Mill Valley, CA



experiment #1

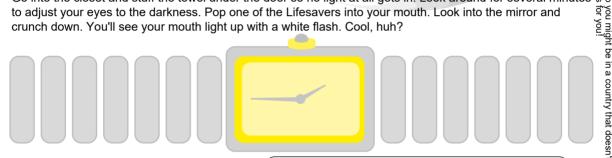
P.O. Box 30177, Kansas City, MO 64112

WHAT YOU NEED:

Mirror - roll of Cryst-O-Mint flavor Lifesaver™ candy - closet - towel

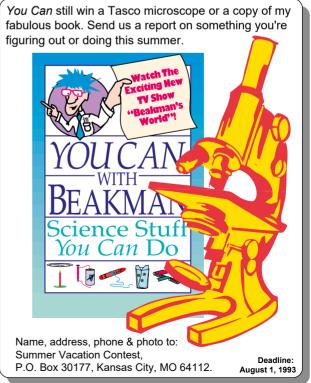
WHAT TO DO:

Go into the closet and stuff the towel under the door so no light at all gets in. Look around for several minutes to adjust your eyes to the darkness. Pop one of the Lifesavers into your mouth. Look into the mirror and crunch down. You'll see your mouth light up with a white flash. Cool, huh?



WHAT IS GOING ON:

You just created piezo electricity (pee-AY-zo). Here's what it is: If you put physical energy into some crystals, they change it into electrical energy. The reverse is true, too. If you put electrical energy into these crystals, you get physical energy back out. That's how a quartz crystal watch works. A battery puts electrical energy into the quartz crystal, which vibrates at controlled speeds - such as 30,000 times a second. A computer chip then counts the vibrations to figure out the time. 30,000 vibrations equals 1 second.



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19%

be in a country that doesn't sell Lifesavers™ candy. Try others. Look for a clear or white mint that is almost

P.S. from Jax: sugar crystals.

We know people all over the world Experiment with several until you t

you find one that

read You

Can. So it works

Beakman Place