

Sunshine in a Bottle!

Would you like to know what it is like to see light through a bottle?
Learn how engineers create daylight in a bottle!

PROGRAM PREMIERE

Youtube - Cal Poly Pomona ASCE

Friday, October 2, 2020 @ 10:00AM

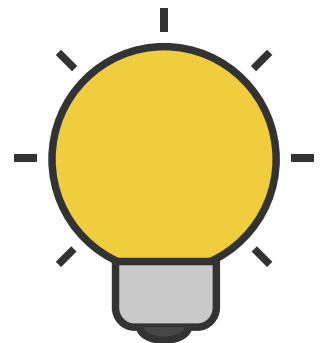
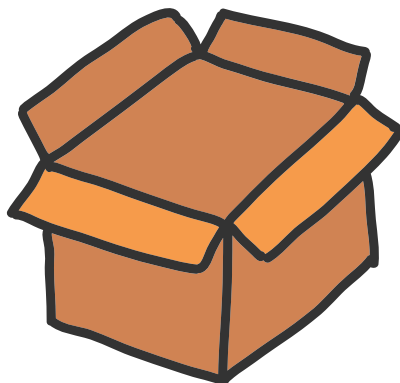
Let the Sun Shine

Materials Required:

- a cardboard box, water bottles (1 empty and 1 filled), cutting tools (adults only), a flashlight, and tape.

Instructions:

1. Construct the testing box using the cardboard box
2. Cover any seams or holes with the tape
3. Tape (or draw) pictures on three sides of the inside of the cardboard box
4. Mark each of these sides on the outside of the box
5. Ask a parent or guardian to cut a hole at the top for the water bottle
6. Tape the edges of the hole to allow for the bottle to sit snugly
7. Insert the water bottle as it should now fit in the hole tightly
8. Create a viewing hole on the unmarked side
9. Use the flashlight to shine light on the water bottle for you to see the experiment work.
10. Share your creations with us on Facebook or Instagram using the hashtag #cppasceSTEM



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