FIBER OPTICS

See 1 minute video at:
http://www.youtube.com/watch?v=a65hsrx3cbA
Shine light down the bottle and through the water jet

Observe the fiber optic effect: light 'bends' and we get a bright spot
ONE MORE VARIATION

Flexi Plastic Tube

Glass with Water

Dropper

Laser Pointer

Cello Tape

Seal this end completely with Cello Tape

Fill the Plastic Tube (one end closed) with water by using a Dropper.
Shine Laser in Water filled tube from Open end. Adjust angle of Laser beam. You will find the laser spot at the closed end - showing TOTAL INTERNAL REFLECTION.

PERFORM IN DARK

Bend the tube and see the laser beam bend as in a Fiber Optic Cable.