Egg in a Bottle

Materials Needed:

Apple juice bottle or cider bottle or glass milk bottle
Newspaper
Matches
Hard boiled egg
Sauce Pot

Instructions:

Wash and dry the juice bottle.

1. Peel the egg.
2. Cut or tear the newspaper into strips.
3. Place the strips into the juice bottle.
4. Light the strips on fire. Adult supervision required.
5. When the paper starts to burn, place the egg over the opening of the bottle.
6. Wait.....keep waiting....
7. The egg will be pressed inside the bottle with a loud pop!

The pressure in the bottle was reduced when the fire used up the oxygen inside. The pressure on the outside of the bottle remained the same. Unequal pressures caused the egg to drop into the bottle.