

## Starting Fire with a Magnifying Glass

1) Ask your child to draw on the white paper. A smiley face is great but let your child draw any shape to have fun on the paper.



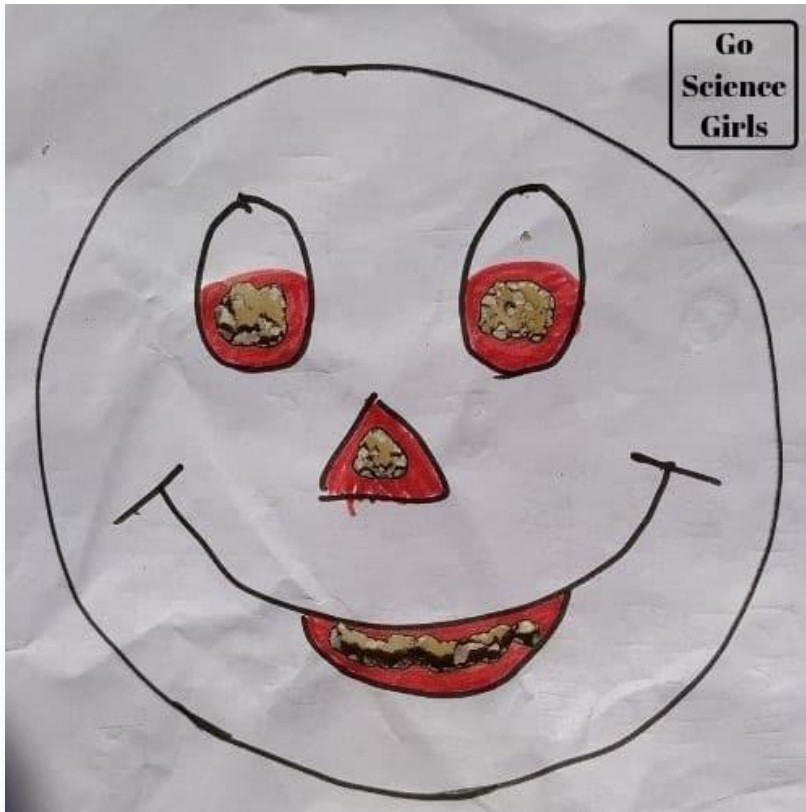
2) Select a safe location outside so the fire cannot spread to anything else.

3) Now hold the magnifying glass between your white paper and the sun.

4) As soon as the magnifying glass is under the sun focusing on the paper, it gives a bright dot on the paper. You can make the dot size bigger by tilting the lens back and forth. The smaller the dot size, the quicker it is to make fire.



5) Focus the dot in one place for a few seconds to minutes. Slowly you can observe some smoke from the focused area. Then the fire comes slowly after smoke appears. Focus on eyes and mouth part of the smiley face. Peep out of the eyes of the smiley face as you make holes by creating fire with the lens.



Put out the fire as soon as its purpose is served.

You can even try with dried leaves in the garden.

**Ensure not to leave the glass outside without knowledge.**

**Do not allow kids to handle alone.**