After you and your family light candles, 
take a few minutes to test your logical reasoning 
with these four light-themed logic puzzles:

1. Give me food, and I will live. Give me water, and I will die. What am I?
2. You have two candles. Each will burn for exactly one hour. How can you use these two candles to measure 45 minutes?
3. There are three light switches outside a room, labeled 1, 2 and 3. The door to the room is closed and you can’t see in. All three switches are off. You need to figure out which switch belongs to which bulb. You can use the switches however you want to, but can only enter the room once. How do you do it?
4. I can only live where there is light, but I die if the light shines on me. What am I?

Answers

1. Fire.
2. Light one candle from both ends and the other one from one end. After 30 minutes, the first candle will have burned out while the other one will be half burned. Now light the other end of the half-burned candle. That will last for 15 minutes.
3. Turn on the first switch and leave it on. Turn on the second switch for a few minutes, and then turn it off again. When you enter the room, one light bulb will be on. You'll know it goes with switch #1 because you turned it on. Another bulb will be hot. You'll know that goes with switch #2 because it was on for a little while. A third bulb will be off and cold. You'll know that goes with switch #3 because you didn't touch it.
4. A shadow.