

Heat Transfer Part 2

Grade 7– Heat In The Environment

Reference Images



Convection Box, with candle burning on the right. Flashlight can be used to better see the smoke inside. Note that you have to take care to seal ALL cracks and holes other than the two bottles on top. Shining a light at the smoke coming out of the "chimney" at just the right angle is especially helpful.



As the smoke is initially hot it has a tendency to rise. If you swish the incense stick around inside the bottle you will notice that a good fraction if it is drawn down into the box and soon comes back out on the other side.