

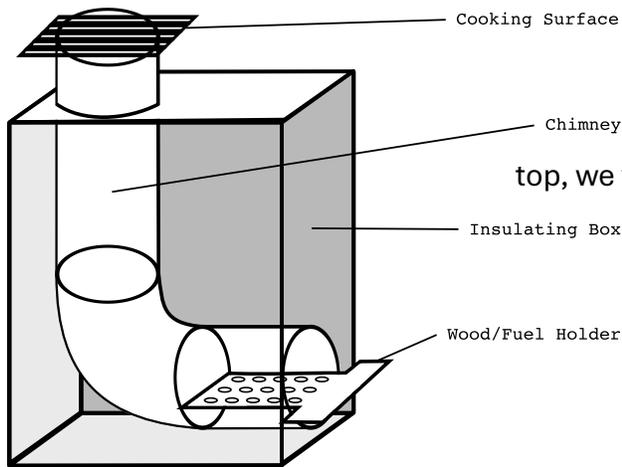
PROJECT HELP (4-5th PROJECT)

PHYSICS (INVENTIONS)

DUE DATE

April 3/17th 4-5th Project – Students will design an outdoor oven to use for cooking a small meal. A 3-5 lb food can will need to be found/bought. Students can open vents around the top rim with a can opener.

PARENTS → should supervise.
Rocket Stove Bring to class with top holes (if your can opener works).



TEACHERS →

will cut the fuel door at the bottom.
If students bring cans to class unvented on top, we will help them during class time.

Oven Essential Aspects:

- Air flow near base
- Upper Vent
- Fuel Source
- Fuel Location
- Cooking Surface

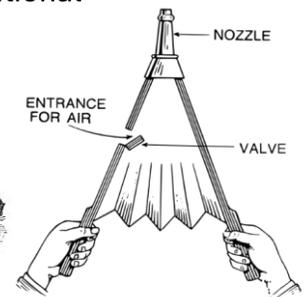
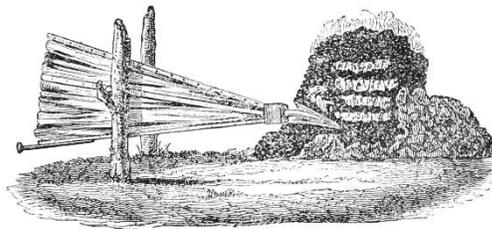


Other Ovens:

Earth/Clay or Adobe Ovens

Smelt Ovens

A Forge or Smelt Ovens require additional air/oxygen blasts using a bellow devices or additional side venting.



Pit Oven



Ovens date to Adam and Eve's lifetimes. Used for warmth, food, making pottery/bricks, refining, separating, and at the start of the IRON AGE, smelt ovens were hot enough to separate and melt iron ore at 2000 degrees Fahrenheit. Before Abraham, ovens maxed out around 1000 degrees.