



SLOT C

TAB C

HEAT

FUEL

TAB B

REACTION

SLOT B

OXYGEN

TAB A

SLOT A

The Fire Equation

HEAT

Heat could come from friction, lightning, embers, or a stove burner.



FUEL

Fuel is what burns. It can be natural, such as wood and yard debris, or manufactured like a couch or plastic toy.



OXYGEN

Fires need oxygen. Without enough oxygen, a fire will go out.



REACTION

When all three pieces come together, a fire starts. Firefighters change these components to extinguish a fire. They use water to reduce heat and smother a fire with chemicals which remove oxygen to put the fire out.



Oregon State Fire Marshal - Youth Fire Safety Program

Instructions: 1. Fold at scores between triangles and at tabs. 2. Insert tabs into slot, in the order A, then B, then C.