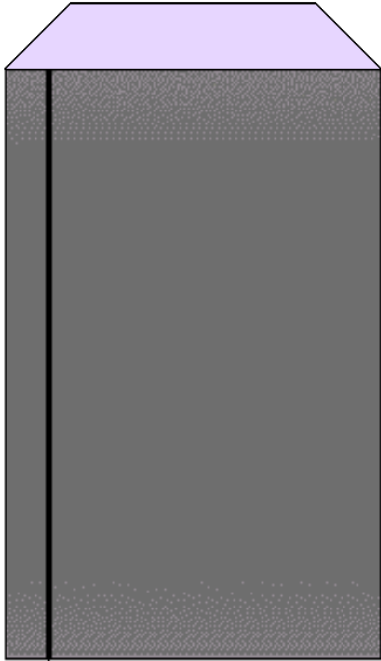


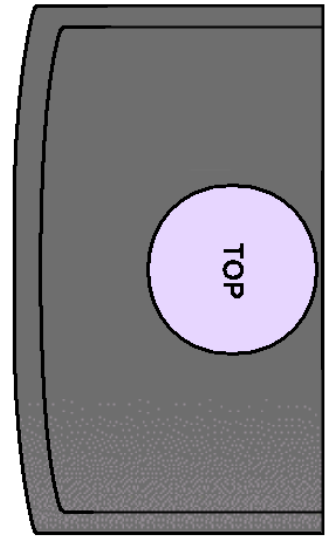
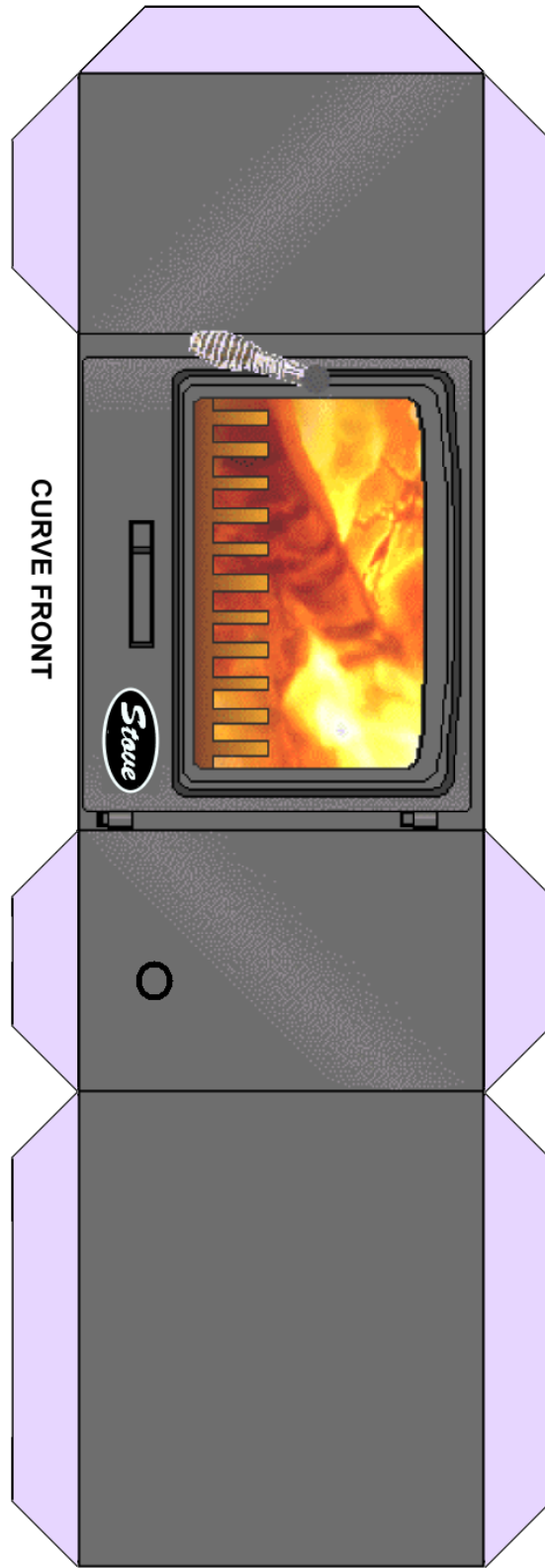
MAKE A MODEL STOVE !

AND FIND OUT HOW STOVES WORK

FLUEPIPE - ROLL ROUND AND GLUE ENDS



CURVE FRONT

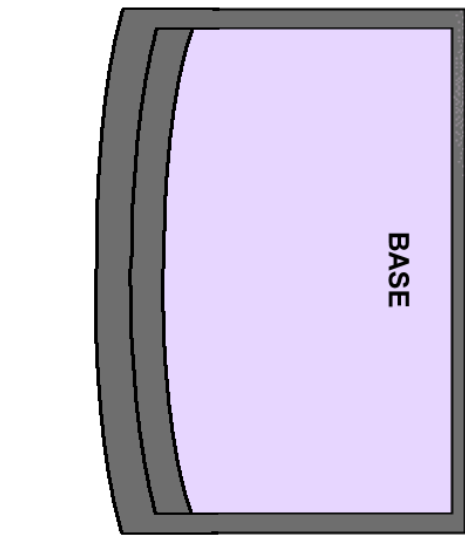


When fuel, like wood or coal, gets hot enough it starts to react with oxygen in the air and burns, giving off heat. In a good stove most of the heat passes into the stove's casing and so into the room. But a little of the heat goes into the chimney, making the air there lighter than normal, so it rises, just like a hot-air balloon.



The rising gas inside the chimney sucks more fresh air into the stove to keep it burning. But if too much air is sucked in then the inside of the stove will cool down and you won't get as much heat out. If too little air is sucked in the fuel won't burn properly and will make lots of smoke.

Cleverly designed stoves, are made to give just enough heat into the chimney to suck the right amount of air (called the stoichiometric ratio) so that the fire burns perfectly



LEGS

