

# Driving Forces of Plate Movement

## 1. Convection

Hot things rise and cold things sink because of changes in density. Convection acts like a conveyor belt, rolling the plates along the top.

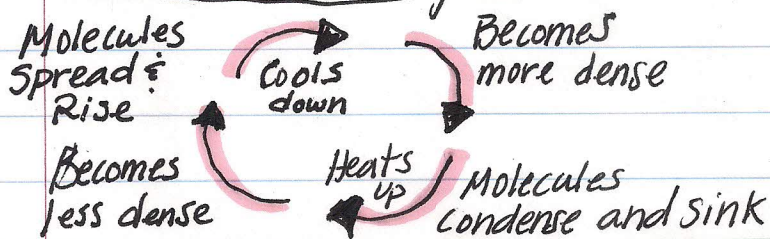
## 2. Gravity

Force that pulls objects towards the Earth. Gravity moves plates by pulling them down at subduction zones.

## 3. Pressure

Force that pushes outward against the space around it. Pressure moves the plates as rising magma pushes at the mid-ocean ridge.

## Convection Diagram



## Driving Forces in Action

