ROCK IN HEAT

It takes a temperature of anywhere between 600 and 1,300 degrees Celsius to melt rock. When a rock melts, it changes into a substance called lava. The high temperatures needed to melt rock are mostly only found inside the Earth’s core. Rocks are pushed downwards as the surface layer of the Earth, called the crust, moves. As the rocks are pushed deeper towards the Earth’s core, the temperature gets hotter and hotter, causing the rocks to melt.