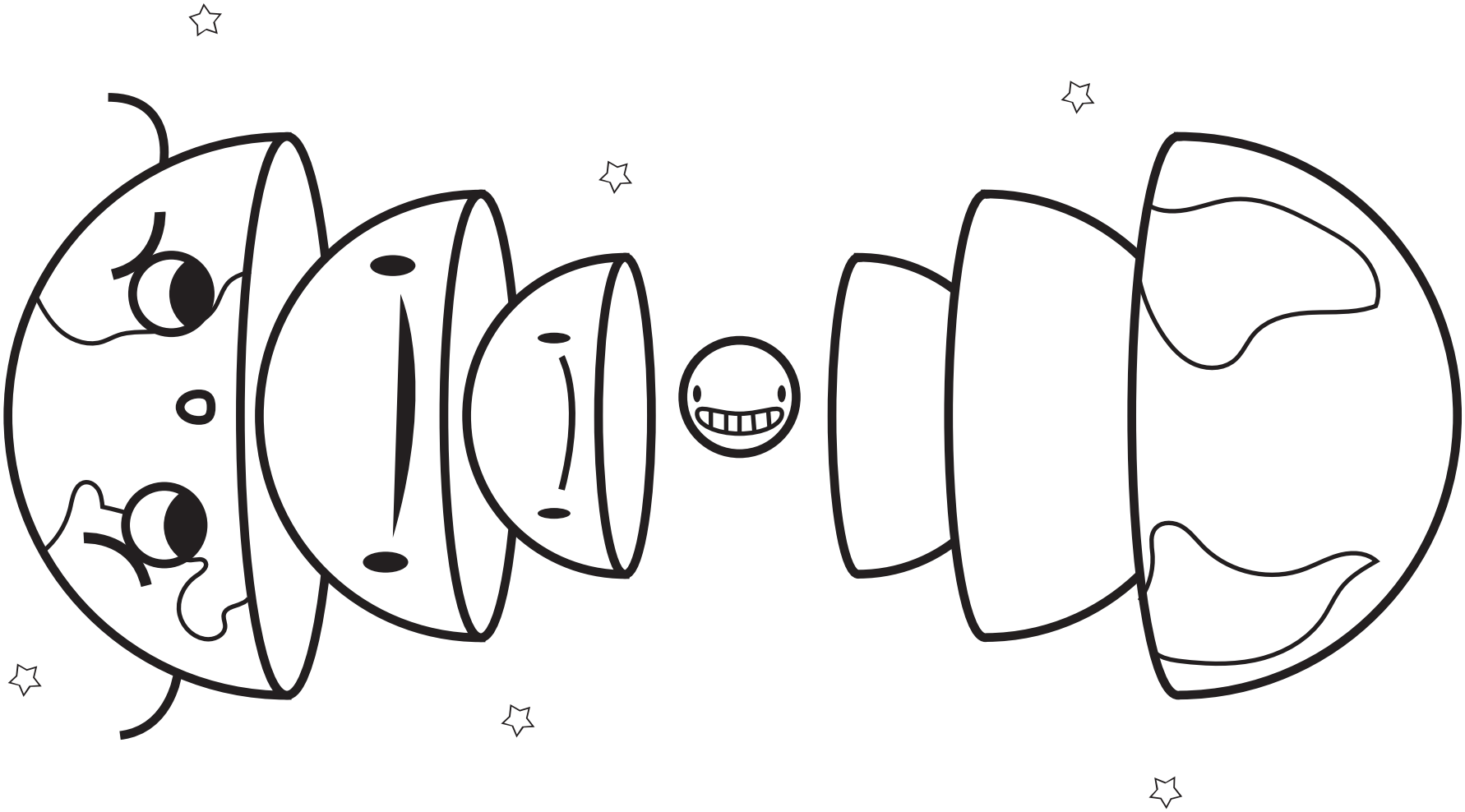

# THE EARTH IS HOT

Geothermal energy is heat inside the Earth. The inside of the Earth is very hot.
Sometimes this heat comes near the surface. We can use this heat to warm our houses. We can make electricity with it.

The Earth is made of parts or layers, like a hard boiled egg. At the center is a core of iron.
Around that is an outer core of iron and rock so hot the rock is melted. This liquid rock is called magma.
The middle layer is a mixture of rock and magma called the mantle.
The shell of the Earth—with the oceans and mountains—is called the crust.