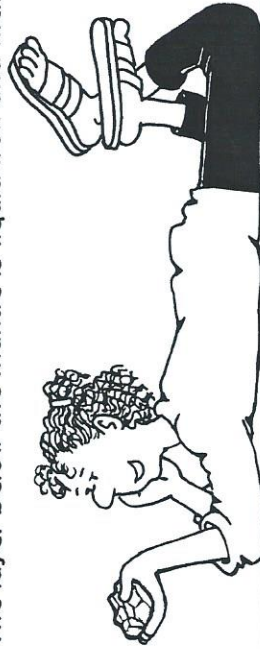


LAYERS of the Earth

Geologists' Clue Card One

1. Scientists theorize that there are four layers that make up the crust of the Earth.
2. The inner core is most likely a solid.
3. The layer below the lithosphere is about 2800 km thick.
4. The layer below the mantle is liquid iron and nickel.



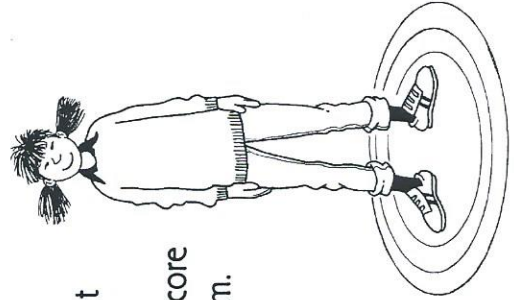
Geologists' Clue Card Two

1. The layer above the inner core is represented by the red centicube.
2. The mantle is the thickest layer; it is composed of peridotite.
3. Each centicube represents 200 km. You will not need to use all the cubes given to you.
4. The mantle is a solid, but sometimes acts like a liquid near the portion that is directly below the lithosphere.



Geologists' Clue Card Three

1. The total diameter of the Earth is about 12,800 km.
2. The radius of the inner core and outer core when added together is about 3400 km.
3. The inner core is represented by the yellow cubes.
4. The top layer is called the lithosphere.



Geologists' Clue Card Four

1. The top layer is composed of solid rock materials that are mostly granite and basalt.
2. The inner core and outer core are both made up of the same materials.
3. The outer core is about 2200 km thick.
4. The lithosphere is represented by the brown centicube.

