

Name and surname:

Date:

Group:

### 1.- Earth's structure -read this with a dictionary-

<<The earth consists of several **layers**. The three main layers are the **core**, the **mantle** and the **crust**. The core is the **inner** part of the earth, the crust is the **outer** part and between them is the mantle. The earth is surrounded by the atmosphere. Till this moment it hasn't been possible to take a look **inside** the earth because the current technology doesn't allow it.

The crust lays **above** the mantle and is the earth's hard outer shell, the surface on which we are living. In relation with the other layers the crust is much **thinner**. It floats upon the softer, denser mantle. The crust is made up of solid material but these material is not everywhere the same. There is an **oceanic crust** and a **continental crust**. The first one is about 4-7 miles (6-11 km) **thick** and consists of heavy rocks, like **basalt**. The continental crust is thicker than the oceanic crust, about 19 miles (30 km) thick. It is mainly made up of light material, like **granite**.

The layer above the core is the mantle. It begins about 6 miles (10 km) below the oceanic crust and about 19 miles (30 km) below the continental crust. The mantle is to divide into the **inner** mantle and the **outer** mantle. It is about 1.800 miles (2.900 km) thick and makes up nearly 80 percent of the Earth's total volume.

The inner part of the earth is the core. This part of the earth is about 1.800 miles (2.900 km) **below** the earth's surface. The core is a dense **ball** of the elements **iron** and **nickel**. It is divided into two layers, the inner core and the outer core. The inner core - the center of earth - is solid and about 780 miles (1.250 km) thick. The outer core is so **hot** that the metal is always **molten**, but the inner core pressures are so great that it **cannot melt**, even though temperatures there reach 6.700°F (3.700°C). The outer core is about 1.370 miles (2.200 km) thick.>>

1.1.- Translate the coloured words.

1.2.- Complete this diagram:

