

L.O. To describe and name the features of Planet Earth.

Task 1

What are the features of our Planet and how might they cause disasters?

Watch the videos about the structure of our Planet.

<https://www.bbc.co.uk/bitesize/clips/zwwxn39>

<https://www.bbc.co.uk/bitesize/guides/z2vjxsg/revision/1>

a) Draw a diagram of the earth and its layers, like this one. Or you could make a model of the earth, using playdough or plastecine. Add labels of the layers to your diagram or model.

b) Read the descriptions of the layers below and match them to the correct layer.

This layer is made up of big pieces called tectonic plates, which move and overlap and even crash. It can measure between 22 and 4 miles thick. It could be covered with water, cities, villages or mountains!

This part of our planet is a very hot layer of liquid lava made up of nickel and iron. This layer is responsible for the Earth's magnetic field. It is over 4000 degrees Celsius which is as hot as the sun!

This layer is the largest part of our planet, it is mainly solid rock and it can be incredibly hot and liquid too. This layer causes the plates of the crust to crash into each other or overlap. It measures around 1800 miles in depth!

This part is the engine room of our planet because it's so hot! It is a sphere of solid iron and nickel measuring 760 miles across!

c) Record the descriptions on your diagram or create labels for your model.

LAYERS OF THE EARTH

