Info for the Foldable:

Use Chapter 3 in your textbook. You can access the text book on line from the link on my blog page.

Under the Lithosphere flap:

* On the back side of the door – sketch Figure 3 and tell both the physical and compositional layers of the lithosphere
* On the smaller foldable explain how each type of rock is formed, where it is typically found, and examples of them

Under the Atmosphere flap:

* Give the composition of the atmosphere - tell the gases and approximate percentages
  + How does heat reach and move through our atmosphere?
  + What happens to the solar energy that reaches the Earth?
* On the foldable – for each layer give its special characteristic, thickness, and temperature range.

Under the Hydrosphere flap:

* On back side of the door:
  + How much of the Earth surface is covered with Ocean water?
  + What are the three main zones based on temperature in the ocean?
  + Draw the ocean side view and label the zone including depths(Do an internet search as this is not in the book)
    - Epipelagic Zone (Sunlight Zone)
    - Mesopelagic Zone (Twilight Zone)
    - Bathypelagic Zone (Midnight Zone)
    - Abyssopelagic Zone (The Abyss)
    - Hedalpelagic Zone (The Trenches)
* On the Freshwater side:
  + Tell percentage of freshwater on planet and where most is found
  + In small foldable
    - Surface water – state that it is found in rivers, stream, lakes and ponds. Then explain what a river system is
    - Ground water – Explain how ground water collects, what an aquifer is, and what a recharge zone is.

Under Biosphere flap:

* Define biosphere and tell its depth and location
* How does energy flow through a biosphere?
  + Give the difference between an opened and a closed system and tell which one Earth is now.
* Draw figure 1 with its labels and then sketch a globe and label the spheres.