**My Earth’s Layers Foldable (Blue)**

**Directions: Follow the steps of the directions carefully!!!**

1. Fill out the small squares at the bottom of this page with the information for each of the main layers of the Earth using the *Earth’s Layers (assisted guide) Reading* provided.
2. Color the four layers as stated below:
* Inner core – red
* Outer Core – orange
* Mantle – green
* Oceanic Crust - black
* Continental Crust – brown
* Ocean – blue
1. Now you may carefully cut out the layers, the small squares, the labels, the questions, and the title.
2. Take two pieces of **white** paper. Set one piece in front of you on your desk. Fold up 2.5 inches and set paper aside. Take the second piece of paper and fold up 4 inches. Put the second paper inside the first paper. Place a staple in the middle of the folds to hold the papers together.
3. Paste the “Inner Core” in the middle of the bottom section towards the top. Paste the title in the bottom corner on the right hand side.
4. Paste the “Outer Core” as close as you can get it to the inner core on the 2nd section.
5. Paste the “Mantle” as close as you can get it to the outer core on the 3rd section.
6. Paste the “Crust” as close as you can get it to the mantle on the 4th section.
7. Paste the small squares of information on the left hand side of the sections next to the corresponding layers.
8. Paste the labels where they belong on the layers to indicate the parts of the layers.
9. Write your first/last name and class period in the upper left hand corner.
10. Answer the summary questions on the handout.
11. Turn your foldable over and glue the questions/summary sentences box to the back.

**My Earth’s Layers Foldable (Green)**

**Directions: Follow the steps of the directions carefully!!!**

1. Fill out the small squares at the bottom of this page with the information for each of the main layers of the Earth using the *Earth’s Layers reading* provided.
2. Color the four layers as stated below:

Inner core – red Upper Mantle - yellow

Outer Core – red-orange Oceanic Crust - black

Lower Mantle – orange Continental Crust –brown

 Middle Mantle – light orange Ocean - blue

1. Now you may carefully cut out the layers, the small squares, the labels, the questions, and the title.
2. Take two pieces of **white** paper. Set one piece in front of you on your desk. Fold up 2.5 inches and set paper aside. Take the second piece of paper and fold up 4 inches. Put the second paper inside the first paper. Place a staple in the middle of the folds to hold the papers together.
3. Paste the “Inner Core” in the middle of the bottom section towards the top. Paste the title in the bottom corner on the right hand side.
4. Paste the “Outer Core” as close as you can get it to the inner core on the 2nd section.
5. Paste the “Mantle” as close as you can get it to the outer core on the 3rd section.
6. Paste the “Crust” as close as you can get it to the mantle on the 4th section.
7. Paste the small squares of information on the left hand side of the sections next to the corresponding layers.
8. Paste the labels where they belong on the layers to indicate the parts of the layers.
9. Write your first/last name and class period in the upper left hand corner.
10. Answer the summary questions on the handout..
11. Turn your foldable over and glue the questions/summary sentences box to the back.

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 **Questions:** Answer the following questions from the reading packet. Glue this to the back of the foldable.

1. Why has no person ever gone deeper than six miles into the Earth?
2. What did Isaac Newton discover about the structure of the Earth?
3. Where does most of our knowledge about the Earth come from?
4. Name the layers of Earth in order from most dense to least dense?

**Summary Sentences:** Write one summary sentence about some general ideas and patterns you have learned about the density, temperature, and pressure of Earth’s layers from the reading packet.

Sentence 1 (density): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Sentence 2 (temperature): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Sentence 3 (pressure): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Blue, Green, Pink

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Sentence 2 (temperature): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Sentence 3 (pressure): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Blue, Green, Pink