**WHY ON EARTH IS HUMPTY DUMPTY LIKE A CRUSTY OLD CRACK-UP?**

**THE EGG LAB**

**Purpose - Part 1:**

Carefully dissect egg into distinct pieces. Observe each piece as you dissect. Compare the characteristics at each layer.

**Materials needed:**

Paper towels, ½ hard-boiled egg

**Model:** Can the egg be considered a model? Yes or No

Why or why not? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Procedure for Part 1 - Observe:**

1. Place the hard-boiled egg on the paper towel and **GENTLY** tap the egg on a hard surface. Be careful to keep the different portions as complete as possible. **CAUTION: DO NOT TAP THE EGG TOO HARD OR TOO MANY TIMES!!!**

2. Trace along several of the large cracks with the colored markers.

3. Diagram A: Sketch a diagram of the front (yolk side) of the egg **AND** give a short description of

each layer.

Diagram B: Sketch a diagram of the rear views of the egg to show where the cracks are located.

|  |  |
| --- | --- |
| **Diagram A: Front View of Egg** | **Diagram B: Rear View of Egg** |

**Procedure for Part 2 – Dissection:**

4. **VERY** gently begin separating the layers of the egg. Use the table below to record your findings.

|  |  |  |
| --- | --- | --- |
| Egg Layer | Description | Feels Like… |
| Shell |  |  |
| Membrane |  |  |
| Egg White |  |  |
| Green Layer Yolk |  |  |
| Yellow Yolk |  |  |

**ANSWER the FOLLOWING QUESTIONS**

1. What part of the basic structure of the Earth would be represented by the egg shell?

2. What part would the egg white represent?

3. What part would be represented by the yolk of the egg?

4. What do the cracks represent?