**Observations and Inferences**

Science 10 Name: Brooke BLK: C

|  |  |  |  |
| --- | --- | --- | --- |
| **OBJECT** | **OBSERVATIONS**  **Words that describe the object** | **INFERENCES**  **Ie: Where might the object come from? Possible uses? Etc.** | **QUESTIONS YOU HAVE ABOUT THE OBJECT** |
|  | * Red * Blade inside * Small * Metal ring attached * You can pull it apart * When pushed down something pointy pops out * No scent | * There is a blade, so it must be able to cut * Meant for small items * The key ring is there so it can be attached to bags and be carried around * The pointy thing is to cut envelopes | * What is it? * What is it used for? * What are you supposed to cut with the blade? * Why does the pointy thing come out? * Why do you need to use a lot of force to get the pointy thing out? * How much force is needed to get the pointy thing out? * How often is this supposed to be used? * When was this invented? |
|  | * Blue/cyan colour * Smells like laundry detergent * Translucent * Some of the substance is stuck on the side/bottom of the container * Thick liquid * Moves slowly * Bubbles forming on the edge * The scent is strong | * It is laundry detergent * Not meant to be drank * Cleaning supplies * Since there are bubbles on the side it is soapy * It is poisonous | * Why is it blue? * Is it blue for a reason? * What gives it it’s soapy smell? * Why is it so thick and sticky? * What chemicals are used to create this thing? |
|  | * White * Crystal texture * Smells a little like pepper or salt * A lot of small pieces * Translucent until grouped * Light weight * Creates a dust | * It is salt before grained * They’re crystals * Easy to obtain because there are a lot * It is edible * Type of mineral * Comes from a bigger source (shaved off to become smaller) | * Can you buy it? * Where do you get it from? * What is it? * Is it a crystal? * How did it get crystallized? * Can we eat it? * How are they made? |
|  | * Hard * Has an off white colour with yellow edges * Flat on one side * Curved * Same length as Molly’s forearm * Dry * Cracked a little on the side * Stained by something | * Might’ve been broken from something * It is an animal bone * Looks like a fin from an aquatic animal * Belongs to a big animal | * How old is the object? * What part of the body is it from? * Is it extinct? * What animal does it come from? * Where do the stains come from? * If it is a real bone, how is it preserved? * What is it made of? * Why would you want to keep this? |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Observations/Inferences Assignment Assessment**  Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  **Ex: Excellent VG: Very Good G: Good S: Satisfactory IN: Improvement is needed** | | | | | |
| **Criteria** | **IN** | **S** | **G** | **VG** | **Ex** |
| The following is included   * All 4 Images included |  |  | | |  |
| Observations:   * A minimum of 5 **detailed** observations made |  |  |  |  |  |
| Inferences:   * **Thoughtful and logical** inferences made |  |  |  |  |  |
| Questions:   * 2 thoughtful and logical questions made |  |  |  |  |  |
| * Spelling/grammar |  |  |  |  |  |
| * Assignment was completed on time |  |  | | |  |

/10