**Observations and Inferences**

Science 10 Name: Serena Obeyd BLK: D

|  |  |  |  |
| --- | --- | --- | --- |
| **OBJECT** | **OBSERVATIONS**  **Words that describe the object** | **INFERENCES**  **Ie: Where might the object come from? Possible uses? Etc.** | **QUESTIONS YOU HAVE ABOUT THE OBJECT** |
|  | * Very bright white color / transparent * Small little bits varied in shapes (looks like sea salt) * Faint smell of perfume * Feels very rough and rigid * Looks like tiny beads | * Could be crushed up crystals * It could come from the mountains * It could come from the ocean * It may not be healthy for the environment * Uses: maybe to make other objects | * Why does it smell the way it smells? * Why is it crushed up into little pieces? Was it originally like that? * Can it change color with heat? * Can it be melted? * Is it a type of drug? * Can we buy this product? How much? |
|  | * Brown and spotty * Feels very hard – like a bone * Looks a little broken down * Holes throughout the skull like object * Fairly heavy: a couple of pounds * Sharp teeth (one broken tooth) * No smell * Teeth is whiter compared to the rest of the skull | * It might come from a different country * Coming from an animal * Could be a mammal creature * Could be very dangerous due to the sharp teeth * Could be old due to the size and coloration | * What type of animal is it? * Where did it come from? * Why is its tooth broken? * Is it an adult skull or a baby skull – how old is the animal? * Why is the jaw missing (bottom half)? |
|  | * Fatty tissue * Pink Veins * Circular form * Water in the container with the object * Green clear color in the middle of the object * Looks a little broken down | * Could be from a cow * Could be dangerous * It was preserved moderately well * Taken from an animal | * What animal does it belong to? * Why was it taken out of the animal? * How long has it been since it’s been dissected? * Is it harmful to the touch? |
|  | * Has a ring * Has a bright red color to it and black detailing * Little bumps * Blade like object on the inside | * Ring could be used to put on a key chain (to be carried around) * Could be an emergency blade for emergency situations * Dangerous to use * Could be activated by pressing the black knobs | * Why is this object designed in such a way? * Is it a harmful object? * Is it useful for science? * Is it used for emergency? |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **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