**NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_DATE\_\_\_\_\_\_\_\_\_\_\_\_**

**DUE DATE \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Sixth Grade Take Home: Sustainability Project (TRASH TO TREASURE PROJECT)**

“Sustainable development is development that meets the needs of the present without compromising the ability of future generations to meet their own needs” ([http://en.wikipedia.org/wiki/Sustainability#Definition](http://en.wikipedia.org/wiki/Sustainability)).x

**Objective: Students demonstrate sustainability by completing one of the options listed below.**

**Student should hand in an object and a write up on the day the project is due. The write up should include….**

1. **What the object is used for**
2. **What it is made out of**
3. **How it was made**
4. **Why it is sustainable**

**Option 1**: Create any object that is sustainable. Research the internet and discover what sustainable really means.

**Option 2**: Create a tie, headband, or belt out of used material (reduce, reuse, recycle)

* Has to be functioning (buckle (belt), fit/go around head (headband), make a knot (tie)
* Has to be the appropriate size to fit yourself
* All or at least most of the object has to be made out of **used material**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Exemplary 4 points (100%)** | **Proficient 3 points (85%)** | **Developing 2 points (70%)** | **Needs Improvement 1 point (55%)** |
| Sustainability (X2) | Object is made almost completely or completely out of used material and has a new purpose from its original purpose. | Object made primarily from used material and has a purpose although not straight forward. | Object is made out of some used materials and has an unclear purpose. | Object is made out of very little or no used materials and has no purpose. |
| Creativity/ Complexity | Object is creative and shows the student put much though into the design. | Object is fairly creative and shows the student put thought into the design. | Object is not very creative and shows the student put a little thought into design. | Object is not creative and shows the student didn’t put thought into the design. |
| Functionality | Works well all the time for what it was intended to be used. | Works for what it was intended to be used most of the time | Works some of the time for what it was intended | Works very little of the time. |
| steAm (Appearance) | The object looks very appealing and catches other’s attention (Someone would want to buy it in a store) | The object looks appealing and needs only minor improvement to catch someone’s attention | The object looks only slightly appealing and does not catch other’s attention | The object does not catch others attention and is not aesthetically pleasing |
| Write up  ON INDEX CARD with name, hr., class, and object name | The write up has all required parts and is written correctly with almost no spelling or grammar errors. The description of what it is made of, how it was made, and what it is used for is thorough and leaves no room for questions. | The write up has all the required parts with few spelling or grammar errors. The description of what the object is made of, how it was made, and what it is used for leaves room for a few questions. | The write up has most of the required part with many spelling and grammar errors. The description of what the object is made of, how it was made, and what it is used for isn’t thorough and leaves room for many questions. | The write up has missing parts with many spelling and grammar errors. The description is nonexistent or doesn’t relate to the object. |

**NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_DATE\_\_\_\_\_\_\_\_\_\_\_\_**

Object: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Made from: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

IT was made by: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

This object is sustainable because : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_