|  | **Expectations** | **Excellent** | **Good** | **Improving** | **Getting Started** | **Evidence** |
| --- | --- | --- | --- | --- | --- | --- |
| **Process(PART 1):**Describe Your Team’s Design Process | **Research Process:**We included evidence that our solution was informed by research, evaluation of existing solutions and the needs of our ‘users’. |  |  |  |  |  |
| **Iteration:**We shared specific examples of how our solution evolved from our initial ideas. |  |  |  |  |  |
| **Benefits and Limitations:**We described how our solution offers benefits and accounts for limitations in meeting the Challenge. |  |  |  |  |  |
| **Viability:**We demonstrated the viability of our solution using the Key Business Proposition. |  |  |  |  |  |
| **Use of Waste (PART 2):**How are waste materials used and assembled in your design? | **Materials:**We identified the waste items and materials used in our solution. |  |  |  |  |  |
| **Composite Figure:**We described how to assemble the composite figure using diagrams and written directions. |  |  |  |  |  |
| **Environmental Impact(PART 2):**Describe the environmental impact of your solution and quantify the environmental impact of your solution. | **Quantifying Waste:**We quantified with supporting calculations the amount (volume and number of units) of “waste” material diverted from the landfill. |  |  |  |  |  |
| **End of Lifespan:**We included an environmentally responsible disposal plan for our solution that supports the circular economy. |  |  |  |  |  |
| **Use of Models (PART 2):**What will your product look like? | **Description:**We described (shape, composition and dimensions) of all the geometric figures included in our composite figure. |  |  |  |  |  |
| **3D Model:**We included a 3D model (physical, digital, or drawing) of our product, including all dimensions with appropriate units. |  |  |  |  |  |
| **2D Perspective Sketches:**We created 2D sketches of our 3D model from multiple perspectives (front, top, side). |  |  |  |  |  |