**Assessment Rubric – Energy Transfers and Transformations**

**Student Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Science Teacher: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**You are being assessed when you introduce your machine to the class and your labelled schematic diagram**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Identify different forms of energy in your machine** | **Describe/explain how energy transfers and transformations cause change in your machine** | **Use appropriate language and representations to communicate science ideas.** |
| **A**  **Excellent** | Very accurate identification of different forms of energy | Very detailed and accurate description/explanation of how energy transfers and transformations caused change in your machine | * Highly skilful use of appropriate language to communicate science ideas * Very detailed and accurate schematic diagram |
| **B**  **Good** | Mostly accurate identification of different forms of energy | Mostly detailed and accurate description/explanation of how energy transfers and transformations caused change in your machine | * Skilful use of appropriate language to communicate science ideas * Detailed and accurate schematic diagram |
| **C**  **Satisfactory** | Some accuracy in the identification of different forms of energy | Some detail and accuracy in the description/explanation of how energy transfers and transformations caused change in your machine | * Reasonably skilful use of language to communicate science ideas * Reasonably detailed and accurate schematic diagram |
| **D**  **Partial** | Minimal accuracy in the identification of different forms of energy | Partial detail and accuracy in the description/explanation of how energy transfers and transformations caused change in your machine | * Basic use of language to communicate science ideas * Minimal detail and accuracy in the schematic diagram |
| **E**  **Minimal** | Does not meet any of the assessment criteria described above | Does not meet any of the assessment criteria described above | Does not meet any of the assessment criteria described above |

**Final Grade: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Final Comment:**