**How to Write a Lab Report in English**

1. **Title:** Write the name of the experiment.
2. ***Objective***: *Outline* the *purpose* of the experiment in complete sentences. In other words   
    explain why you are doing this experiment:   
      
    **Ex.** To *determine* the *boiling point* of ethanol.
3. **Material/** List all the materials and chemicals needed for the experiment.  **Chemicals:**
4. ***Procedure*:** List all the steps that were taken in the experiment in the **passive form**.\*   
     **Ex:**   
    The ethanol**was filled** into the Erlenmeyer flask which was then heated. (√)  
    We fill the ethanol into the Erlenmeyer flask and then we heat it. (X)
5. **Results**: Write down all theresults (measured *values* as well as *observations*) in   
    a *table*.
6. ***Conclusion*:**  Write down what the results of the experiment is. The *conclusion*   
    is as a way of answering the objective of the experiment.   
     
    **Ex.** The boiling point of ethanol is 78°C.

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\*The **passive form** is a particular sentence construction. In English, a sentence can either be in the passive or the active form:

|  |  |  |  |
| --- | --- | --- | --- |
| **ACTIVE FORM** | Subject (Agent) | Verb | Object |
| The teacher | lit | the Bunsen burner. |

|  |  |  |  |
| --- | --- | --- | --- |
| **PASSIVE FORM** | Subject | Verb phrase | Agent |
| The Bunsen burner | was lit | by the teacher. |

To change a sentence from active to passive: a) move the object (the Bunsen burner) to the position of the grammatical subject (before the verb): b) insert the verb *be* as an auxiliary verb in the tense required (was); c) follow with the **past participle** of the main verb (*eaten*) and d) (optionally) end with *by* and the agent (the teacher).

The verb phrase changes from the active form (*lit)* to the **passive form** (*was lit*).

**Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Title: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Objective:**

**Materials/Chemicals:**

|  |  |
| --- | --- |
| **Materials** | **Chemicals** |
|  |  |

**Procedure:**

**Results:**

|  |  |
| --- | --- |
|  | **Observations** |
| **Reactant** |  |
| **Product** |  |
| **Other** |  |

**Conclusion:**