

Scientific Report

Title:

The title should simply introduce what your experiment is about

Example: The role of light in Photosynthesis

Introduction:

- Write a paragraph that gives your readers background information to understand your experiment.
- This includes explaining scientific theories, processes and other related knowledge.

Example:

Photosynthesis is a vital process for life. It occurs when plants intake carbon dioxide, water and light, and results in the production of glucose and water. The light required for photosynthesis is absorbed by chlorophyll, the green pigment of plants, which is contained in the chloroplasts.

The glucose produced through photosynthesis is stored as starch, which is used as an energy source for the plant and its consumers.

The presence of starch in the leaves of a plant indicates that photosynthesis has occurred.

Aim:

- The aim identifies what is going to be tested in the experiment.
- This should be short, concise and clear

Example:

The aim of the experiment is to test whether light is required for photosynthesis to occur.

Hypothesis

- The hypothesis is a prediction of the outcome of the experiment.
- You have to use background information to make an educated prediction.

Example:

It is predicted that photosynthesis will only occur in leaves that are exposed to light and not in leaves that are not exposed to light. This will be indicated by the presence of absence of starch in the leaves

Risk Assessment:

- Identify the hazards associated with the experiment and provide a method to prevent or minimise the risks

Example:

Risk	Assessment
Scissors are sharp and can cause injury	Use scissors correctly Wear closed durable shoes to prevent injury from falling sharp objects
Methylated spirits are highly flammable and can cause burns or fires	Before using methylated spirits, ensure that all ignition sources such as bunsen burners and matches are extinguished.

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