

# Free fungi lab report essay example

[Environment](#), [Climate](#)



**Hypothesis: The experiment was done to analyze the making and growth of fungi.**

Materials: Following materials were used:

- Plastic bags
- Cross-section of bread
- Microscope
- Glass Slides
- Forceps
- Marker (for labeling)

**Duration: The experiment can take from three to seven days depending on the climate and conditions.**

First Method (for sample): Following procedure was used.

- Take three plastic bags and moisten them using a wet towel.
- Take three bread or cake slices and place them in the plastic bags.
- Doing this will moisten the bread.
- Place these plastic bags out of direct sunlight however, on a warm place where these samples are not disturbed.
- Observe each sample daily.
- Once the physical appearance changes use the samples to prepare fungi slides.

Results of Sample: In three to five days, it was noticed that few spots were visible on samples, which were apparently green in color. This greenish substance, known as 'fungi', was spreading on the bread. In addition to this, the bread was slimy, moist, and smelly.

(Figure 1: Apparent image of Fungi)

**Second Method (Analysis): After preparation of the slides, following procedure was used.**

- Take a microscope.
- Observe the prepared slides to notice the structure of fungi.

**Following structure was seen.**

(Figure 2: Microscopic Structure of Fungi)

**Conclusions: Through this experiment, following conclusions were observed.**

- Damp places help in growth of fungi.
- Moisture enhance its growth
- Fungi bacteria spread in the form of colonies.
- Climate affects the birth and growth of fungi.

**References:**

Moist Chamber Experiments for Growing Fungi. (n. d.). Retrieved October 7, 2014, from

[http://herbarium.usu.edu/fungi/funfacts/moist\\_chamber.htm](http://herbarium.usu.edu/fungi/funfacts/moist_chamber.htm)

Vodopich, D., & Moore, R. (2002). Biology Laboratory Manual (8th ed.).

Boston: McGraw-Hill.