

# [Free fungi lab report essay example](https://assignbuster.com/free-fungi-lab-report-essay-example/)

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## 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   
Vodopich, D., & Moore, R. (2002). Biology Laboratory Manual (8th ed.). Boston: McGraw-Hill.