

## **The Research about the Contribution of Chlorella Pyrenlidosa to Carbon Fixation**

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As all is known, the global warming caused by greenhouse effect might lead to plenty of environmental issues, for instance, iceberg melting, sea level rising, et cetera. So far, the International community's attention has been thoroughly aroused as to its importance. Of all greenhouse gases, carbon-dioxide contributes to the greenhouse effect most; besides, its major resources are from human beings, so we lay stress on the controlling and reducing the carbon dioxide.

The object of study is Chlorella pyrenlidosa, which is a kind of algae lives in the freshwater. We observe the growth condition of Chlorella pyrenlidosa by setting various factors (temperature, circulation of gases, amount of gases), and analyze what is the most influential factors. We also plan to design a small -sized household setout on the basis of this experiment, and expect to put it for further use in the future.