



ASSIST

AUSTRALIAN SCHOOL SCIENCE
INFORMATION SUPPORT FOR
TEACHERS AND TECHNICIANS

Published on ASSIST (<https://assist.asta.edu.au>)

[Home](#) > [Bubbling plants - Do plants need light?](#)

Bubbling plants - Do plants need light?

Posted by [sat](#) on Sun, 2015-01-18 16:04

This activity guide looks at how to quantify photosynthesis.

The resource details a hands-on activity in which students learn a simple technique for quantifying the amount of photosynthesis that occurs in a given period of time.

In this activity, students use this technique to compare the amounts of photosynthesis that occur under low and high light levels. However, before they begin the experiment, students are asked to come up with a well-worded hypothesis to be tested.

After running the experiment, students pool their data to get a larger sample size and then analyse the class statistics, graph and interpret the results.

NOTE: This activity uses the plant *Elodea*, which is only permitted in Victoria. See the related question ['Is it illegal to grow *Hydrilla verticillata* in Western Australia?' for more information.](#)

Australian Curriculum v9 Codes: AC9S5U01 (Year 5), AC9S6U01 (Year 6), AC9S8U01 (Year 8), AC9S8U02 (Year 8)

Tags:

[light](#)

[experiment](#)

[experimental design](#)

External Link:

[Bubbling plants - Do plants need light?](#)

Source Category:

[Commercial](#)

[Bubbling plants - Do plants need light?](#)



No votes yet

Publication Date:

January, 2013

Photosynthesis

Source URL: <https://assist.asta.edu.au/resource/2588/bubbling-plants-do-plants-need-light>