



Cycling carbon: seeing how plants use carbon dioxide in the lab



This is one of a series JESI activities aiming to teach students about the nature of carbon. This activity demonstrates the uptake of carbon dioxide by plants, using the pond plant *Elodea* as the example. *Elodea* is a pond plant that lives below the water surface and thus extracts dissolved carbon dioxide from the water rather than directly from the atmosphere as terrestrial plants do. Carbon exchange between living things and the atmosphere mostly happens through photosynthesis and respiration. Carbon stored is the living biomass.

Activity details available at:

<https://geohubliverpool.org.uk/jesi/cycling%20carbon.htm>