

CWSF 2006 - Saguenay, Québec



Cassie West, David Gilmour

How do O₂ and CO₂ conditions affect aquatic plant growth under different wave lengths of light?

Division: Physical & Mathematical Sciences

Category: Junior

Region: Toronto

City: Scarborough, ON

School: Charles Gordon Sr. P.S.

Abstract: This experiment studied the affect carbon dioxide and oxygen concentrations had on aquatic plant growth (java moss) under different wavelengths of light. After weighing the growth (g) we concluded that with high CO₂ levels, yellow light provides optimal growth, whereas blue provides healthy growth with little to no CO₂.