

## Experiment: Effect of Eelgrass on Dissolved Oxygen

(to be done after activity on page 23)

Experiment: Measure dissolved oxygen in a tank with eelgrass immediately after the water is added, and then measure the dissolved oxygen in the tank three days later. Do the same with a control tank without eelgrass.

Fill in the table below:

Date of Experiment: \_\_\_\_\_

	Eelgrass Tank	Control Tank	Eelgrass Tank 3 days later	Control Tank 3 days later
Water Temp				
Salinity				
Dissolved Oxygen				

Questions:

1. Where does dissolved oxygen come from? (two sources)

1. \_\_\_\_\_

2. \_\_\_\_\_

2. What uses dissolved oxygen? (two processes)

1. \_\_\_\_\_

2. \_\_\_\_\_

Name as many things as you can think of that could have affected the dissolved oxygen levels in the tank this experiment, besides eelgrass.

Can you think of any other ways we could have tested the effect of eelgrass on D.O. levels?