

Name: _____

Date: _____ Class: _____

Nitrates and Phosphates

Student Sheet #

Aim: _____

Part 1

Nitrates and Phosphates

Directions:

Read and answer the following question.

You have already learned how plants need nitrates and phosphates in order to complete photosynthesis. Where do you think nitrates and phosphates come from?

Part 2

Changes Within a Lake

Directions:

Watch the video clip and answer along in the spaces provided.

Section I- Clean Lakes

What do you see?

What do you think lives in the lake?

Section II- "Dirty" Lakes

What do you notice?

What do you think it looks like underwater?

Name: _____
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Section III- Before and After Lake

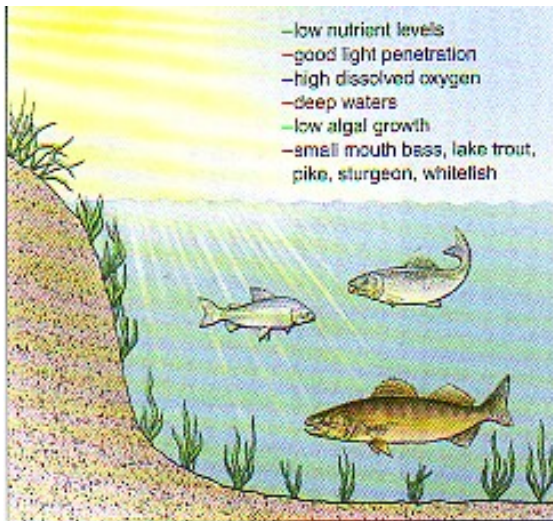
What do you think caused this change?

Part 3: HOMEWORK

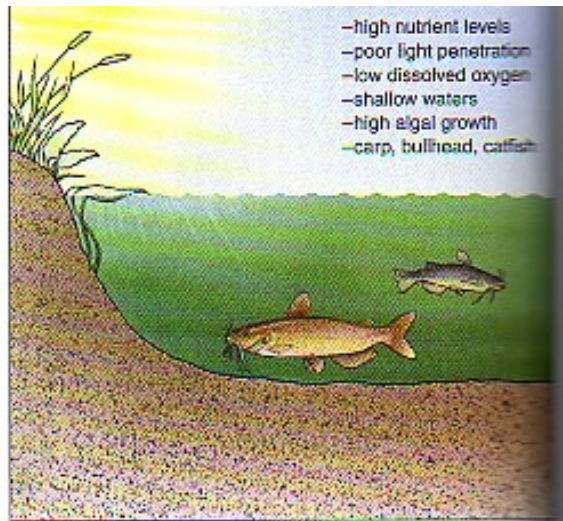
Effects of Nitrates and Phosphates in a Lake

Directions:

Observe the images below and review the differences between the two lakes.



(a) Oligotrophic lake



(b) Eutrophic lake

Summarize the differences between the two lakes in your own words.
