

# pH, Turbidity, and Dissolved Oxygen Research

## *Field Ecology*

Working in pairs, create a PowerPoint presentation that describes pH, turbidity, and dissolved oxygen – and explains why these are important water quality parameters to study. Use the [temperature presentation](#) on the web site as a template for your work (you are welcome to delete the existing text and pictures and fill in new information if you'd like).

For each parameter, you should have three slides (making a total of nine slides in your presentation, plus a cover slide). The slides should cover the following information:

- Slide 1:** What is the parameter? Explain, from a physical and chemical standpoint, what the parameter is. When the parameter increases or decreases, what is actually changing about water?
- Slide 2:** How is the parameter measured? Briefly list and describe the instruments used to measure the parameter. Also explain what units are used, and what different values of the parameter indicate. Try to use examples or analogies to give a feel for what the numbers mean.
- Slide 3:** Why is the parameter important to look at for water quality? Make sure to describe the importance of the parameter for at least two uses (for example, wildlife and drinking water).

When you are done, save your work to your H: drive. Then, save it as a .PDF document and e-mail it as an attachment to [dan.bregar@corvallis.k12.or.us](mailto:dan.bregar@corvallis.k12.or.us). The subject line of your e-mail should be "per. X *your names* parameter presentation".