**Resource Sheet Cold Water Ecology**

Resources:

1. <http://www.troutnut.com/hatch/4/Insect-Ephemeroptera-Mayflies>  
   -read about the background of cold water benthos
2. <http://www.benefits-of-recycling.com/historyofecology.html>  
   -Some history of ecology
3. <http://www.science-class.net/Lessons/Geology/topomap_activity.pdf>  
   <http://egsc.usgs.gov/isb/pubs/teachers-packets/mapshow/lesson4.pdf> (original lesson)  
   -Lesson and worksheets using topographic maps
4. <http://people.virginia.edu/~sos-iwla/Stream-Study/StreamStudyHomePage/StreamStudy.HTML>  
   -Benthotic Macroinvertebrates
5. <http://creekconnections.allegheny.edu/Modules/On-LineActivities/AquaticMacros/MacroinvertebrateMatchGame.pdf>  
   -lesson plan creating a game for identifying macroinvertebrates
6. <http://people.virginia.edu/~sos-iwla/Stream-Study/Key/Key1.HTML>  
   -Online activity where you can go through an online dichotomous key module
7. <http://www.its-about-time.com/htmls/pbis/lt/LS3-3-2.pdf>  
   -Homework assignments and activity sheets on macroinvertebrates

Reading:

1. <http://www.cdm.org/biosite/BioSITE-Curriculum/Curriculum-by-Unit/Unit-8-Macroinvertebrates-Complete.pdf>  
   -good lesson on dichotomous key, also good explanation of how a dichotomous key works
2. <http://www.easternbrooktrout.org/docs/EBTJV_Pennsylvania_CS.pdf>  
   -pa book trout conservation strategies… good background information
3. <http://www.fish.state.pa.us/anglerboater/2000/janfeb2000/focushab.htm>
4. http://www.fishbase.org/  
   -search for different types of fish in their respective ecosystems (cold, warm, cool)
5. <http://www.valdosta.edu/~aesanfor/tn_b_48_a.pdf>  
   -Info on warm water watersheds
6. <http://www.climatechange.nc.gov/pages/ClimateChange/Montane_Cool_Water_Stream_Communities.pdf>  
   -Info on cool water streams