



Cochrane Ecological Institute  
Where Ideas Become Reality

## Field Trip Schedule (Start & end Times dependent on school times)

- 8:45** Cochrane Ecological Institute Instructor comes to your classroom.  
Provides the morning schedule, and last-minute safety instructions.  
Answers question and ensures everyone is well prepared.
- 9:00** Class leaves the school and walks to the field trip destination.  
Students walk in designated groups, with their group leader.
- 9:15** Instructor gives instructions for water testing and invertebrate analysis.  
Water kits, field sheets, and associated gear provided and set out for groups.
- 9:30** Test water for pH, temperature, and turbidity or water clarity (*Grades 1-6*)  
*Nitrate, phosphate, and biological oxygen demand (Grade 7-8s only)*  
Sample for macroinvertebrates using the identification key provided.  
Assess invertebrate species diversity and predominant taxon ratio.  
  
Identify Water body type, land use, and overall riparian health.  
Possible Journaling time provided with interested students.
- 10:15** Gather together and compare sample results with all the groups.  
Discuss findings, what bats would live there and answer questions.  
Check location, weather, watershed description and field analysis.
- 10:30** Walk around the water body, discuss who lives there, adaptations etc.  
Link the talk to the students grade(s), and its associated curriculum.  
Play associated 'Bat & Moth' activity, and if time permits, 'Who Am I.'
- 11:30** Walk back to school with field trip monitoring data and results.
- 11:45** Return to school. Thank you for your interest and participation!