



St. Anthony Falls Laboratory Field Trip

National Center for Earth Surface Dynamics (NCED), St. Anthony Falls Laboratory
2 - 3rd. Avenue South East, Minneapolis, MN 55414 Phone 612.624.4606 FAX 612.624.0066



Pre-Field Trip Homework:

Prepare for the field trip by perusing the St. Anthony Falls Laboratory (SAFL) website at www.safl.umn.edu. Under the “Research” tab, look up one type of basic research and one type of applied research.

Basic Research title:

What is the goal of the research?

How is the research done?

Applied Research title:

Research projects:

Selected applications:

Look up the National Center for Earth-surface Dynamics (NCED), which is headquartered at SAFL, on the web at www.nced.umn.edu. Under the “Research” tab, choose one of the three integrated projects. Read the “Motivation” paragraph. Summarize it in your own words, in 1-3 sentences.



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<p>How high is St. Anthony Falls?</p>	<h2>At the Laboratory:</h2> <p>What is happening in the picture of St Anthony Falls from the 1860's? (by the front office)</p>
<p>What does it look like?</p>	<p>Who built St Anthony Falls Laboratory? How did building this Laboratory help the community?</p>
<p>When was the laboratory built?</p>	<p>What kind of science is done at the Laboratory?</p> <p>What is your tour guide's educational background? What do they do for work when they are not leading tours?</p>
<p>What building shares Hennepin Island with the Laboratory?</p>	<p>What would you have to do to become a researcher here?</p> <p>Write about one research experiment or model you observed. Describe what it was investigating.</p> <p>How is data being collected and analyzed on that experiment or model?</p>