

**Estuary Cruise Assignment**  
**ESST-1**  
**Summer 2008**

This assignment is designed to give you the opportunity to reflect on the Estuary Cruise Field trip from the perspective of both a learner and a teacher and to give you the chance to begin to think about how to implement data-driven field trips with your own students.

While you are on the Estuary Cruise, we ask that you take some time to reflect on each of the categories below, and make some notes about each. Once you return from the cruise, take some time to think about your own school setting and begin to plan a field trip in that setting, based on your experience on the Estuary Cruise. Your field trip might be to a local park or nature area, to a wooded area on or near school grounds, to a local stream or pond, or to any natural setting where students will have the opportunity to conduct inquiry that involves the collection of data.

	<b>Estuary Cruise Field Trip (you as a learner)</b>	<b>Your Field Trip (you as a teacher)</b>
<b>Field trip Planning</b>		
Goals of the field trip		
Logistical and safety concerns (dress, permits, permission, etc.)		

Materials needed for field trip (from the instructor's perspective)		
Materials students will need to bring		

<b>Curricular connections</b>		
Geographic location of field trip		
Geologic setting of the field trip (Modern Environment or Geologic Record or Both?)		

Connections to Earth system science topics (consider both the global scale and local and/or regional scale, also consider time scale(s))		
Connections/applications of inquiry-based science teaching		
Connection to other topics/units in your curriculum		

<b>Pre field trip considerations</b>		
What science content do students need to know before the field trip?		
What do students need to know about inquiry and data collection before the field trip?		
Pre field trip activities and assignments		

<b>On Field trip considerations</b>		
Activities students participate in during the field trip		
Kinds of data collected on the field trip (& who collects what data?)		
<b>Post Field trip considerations</b>		
Post field trip activities and assignments		
What students will be expected to know and be able to do after the field trip		