

Global Watershed-Inquiry Lesson Plan

Title of Lesson:	Grade Level:
GLCEs or HSCEs Addressed:	
Learning Objectives:	

The Guiding Question:

Engage: (How will the teacher introduce the question in a way that engages the students' interest and builds on their prior knowledge.)

Building on prior knowledge: Questions that the teacher might ask to assess students' prior knowledge.

Pre-teaching: (What concepts or skills need to be introduced or reviewed with the students before exploration)

Explore: (How will the teacher facilitate the students exploration of the problem and collection of data.)

Supporting students during exploration: Questions that the teacher might ask to guide exploration.

Explain: (How will the students be expected to explain their data or evidence).

Anticipated Student Explanations

Anticipated Student Misconceptions, Problems and Challenges

Elaboration: (How will the teacher facilitate the sharing of student explanations)

Supporting students during elaboration: Questions that the teacher might ask to clarify student thinking.

Evaluate: (How will the teacher connect the student explanations and bring out the big scientific idea)

Supporting students during evaluation:

- a) Questions that the teachers might ask to tie student ideas to the big scientific idea of the lesson.
- b) Questions that the teacher might ask to assess student understanding.