

**Teaching Science as Inquiry (TSI): Module 1 Physical Aquatic Science
Blackboard Online Follow-Up Session
PowerPoint Presentation Slides**

Slide 1 (**About you**):

- Name
- School, grade level, subject
- What activity did you do? Why did you choose the activity?

Slide 2 (**Ocean Connection**):

- How did you connect this activity to the ocean?
- What Ocean Literacy Principles did you address?
- Did connecting to the ocean help engage your students?

Slides 3 & 4 (**Implementation**):

- Implementation mechanics (including any modifications and rationale)
- Approximate total number of class minutes you spent on this activity
- Pictures of students doing the activity

Slide 5 & 6 (**Phase Diagram**):

- Show your TSI phase diagram for the activity. Describe your diagram, addressing the following points:
 - Which phase did your students go into the most? The least? Why do you think your students engaged in these most/least?
 - What might the Phases of Inquiry your students engaged in the most and least indicate about your students' thought processes?
 - How well do you think you were at guiding your students through the TSI phases of inquiry (e.g. through planning and implementing the activity)?

Slide 7 (**TSI Pedagogy**):

- What Modes of Inquiry did your activity address?
- Did you explicitly address any of the components of TSI with your students during this activity? How?

Slide 8 (**Misconceptions**):

- What misconceptions did your students have about the concepts in this activity?
- How did you uncover these misconceptions?
- How did you address them?

Slide 9 (**Activity Impression**):

- Do you think this activity helped improve *your students'*:
 - knowledge of the process of science?
 - science content knowledge?
 - What is the evidence for your answer?
- Do you think implementing this activity enhanced *your* understanding of teaching science as inquiry? Why or why not?

Slide 10 (**Final Thoughts**):

- Overall, what went well?
- Would you do activity again? Why or why not?
- Suggestions, recommendations, or advice for other teachers