

# Effective Science Teaching

Professional Development

## Session 2

Using Protocols to:

**Look at Student Work**

(LASW)

# Why use the Understand and Respond protocol?

- Examine student thinking around a difficult topic
- Develop strategies to respond to student work
- Examine the needs of a particular student

# Looking at Our Work

- Why
  - Deprivatized practice
  - Compare our thinking to others'
  - Experience learner's perspective
- Challenges
  - Be objective
  - Be respectful
  - Focus on content issues

## Directions Part I: (10 min.)

1. Review blank copy of ‘assignment’
2. Have a brief discussion to come to consensus on correct answers to density questions
3. Read “Scientists’ Ideas on Density”
4. Look through packet of “student” work
  - If your work is present and you do not want it discussed in your group, contact a facilitator
5. Contact room facilitator when finished

## Directions Part II: (90 minutes)

1. Read 'Understand and Respond' purpose and protocol
2. Ask Room Facilitator any questions you have
3. Select a *Facilitator, Timekeeper, and Recorder*
4. Follow the directions in protocol