

## LOOKING AT STUDENTS' THINKING PROTOCOL

Roles:

- **Presenting Teacher:** Brings work to share, listens to the discussion, responds at the end.
- **Facilitator:** Keeps track of time, Asks the lead questions for each phase, Redirects as needed
- **Documenter:** Records the group's discussion

- 1. Presenting the work (5 minutes)**

Presenting teacher provides the context, goals, and requirements of the task.

  - Ask questions of clarification that will help you to understand and read the work.
- 2. Reading the Work (5 – 10 Minutes)**

Read the work silently

  - Take notes for later comment.
  - Categorize your notes to fit in with the stages of the protocol.
- 3. Describing the Work (5 Minutes)**

What do you see?

  - Raise one another's awareness of all the features of the work
  - Avoid interpretation and just point out what things can be seen
- 4. Speculating about Student's Thinking (10 minutes)**

Where in the work do you see thinking? What aspects of the work provide insights in students' thinking?

  - Interpret the features of the work
  - Make connections to different types and ways of thinking
- 5. Asking Questions about the work (10 minutes)**

What questions does this work raise for you?

  - Frame questions to get at broad issues as well as specifics.
  - Ask the question behind the question. Rather than, "How long did this take?" ask, "This raises questions for me about the time needed to do this kind of work."

NOTE: Presenting teacher does not respond to the questions at this point
- 6. Discuss implications for teaching and learning (10 minutes)**

Where might this work go next to further extend and build on students' thinking?

  - Suggest practical possibilities and alternatives for the presenting teacher
  - Raise general implications the work suggests for promoting students' thinking.
- 7. Presenting teacher responds to the discussion (5 minutes)**

What have you as presenting teacher gained from listening to the discussion?

  - Highlight for the group what you found interesting in the discussion
  - Respond to those questions that you feel need addressing by you.
  - Explain briefly where you think you might now go with the work.
- 8. Reflecting on the Protocol (5 minutes)**

How did the process go and feel?

  - Reflect general observations.
  - Notice improvements and changes since the last time the group used the protocol.
  - Make suggestions for next time.
- 9. Thanking the Presenting Teacher, the Documenter, and the Facilitator**

The group to acknowledge everyone's contribution

  - Decide how the documentation will be shared, used, and archived for the group.
  - Establish roles for the next meeting.

