

## Identifying Student Thinking Lens Strategies

| STL Strategy  | Evident in Video Clip  | Evidence from Video Clip |
|---|--|--------------------------|
| 1. Ask questions to elicit student ideas and predictions.                                     | <p style="text-align: center;">1 2 3 4 5</p> <p>Not at all <span style="float: right;">Very</span></p> |                          |
| 2. Ask questions to probe student ideas and predictions.                                      | <p style="text-align: center;">1 2 3 4 5</p> <p>Not at all <span style="float: right;">Very</span></p> |                          |
| 3. Ask questions to challenge student thinking.   | <p style="text-align: center;">1 2 3 4 5</p> <p>Not at all <span style="float: right;">Very</span></p> |                          |
| 4. Engage students in analyzing and interpreting data and observations.                       | <p style="text-align: center;">1 2 3 4 5</p> <p>Not at all <span style="float: right;">Very</span></p> |                          |
| 5. Engage students in constructing explanations and arguments.                                | <p style="text-align: center;">1 2 3 4 5</p> <p>Not at all <span style="float: right;">Very</span></p> |                          |
| 6. Engage students in using and applying new science ideas in a variety of ways and contexts. | <p style="text-align: center;">1 2 3 4 5</p> <p>Not at all <span style="float: right;">Very</span></p> |                          |