

## Identifying Student Thinking Lens Strategies

| STL Strategy  | Evident in Video Clip                         | Evidence from Video Clip |
|---|---|--------------------------|
| 1. Ask questions to elicit student ideas and predictions.                                     | 1 2 3 4 5<br>Not at all                  Very |                          |
| 2. Ask questions to probe student ideas and predictions.                                      | 1 2 3 4 5<br>Not at all                  Very |                          |
| 3. Ask questions to challenge student thinking.   | 1 2 3 4 5<br>Not at all                  Very |                          |
| 4. Engage students in analyzing and interpreting data and observations.                       | 1 2 3 4 5<br>Not at all                  Very |                          |
| 5. Engage students in constructing explanations and arguments.                                | 1 2 3 4 5<br>Not at all                  Very |                          |
| 6. Engage students in using and applying new science ideas in a variety of ways and contexts. | 1 2 3 4 5<br>Not at all                  Very |                          |