



| | VIDEO RECORDING TOOL – the 8 Fundamental Themes of Ambitious Science Teaching | | | | | | |
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| 1. Learning is oriented around complex and puzzling phenomena. | 2. Students’ ideas and experiences are treated as resources for everyone’s learning. | 3. Teachers provide varied opportunities to <i>reason</i> through talk. | 4. Thinking is made visible. | 5. Students construct and revise models and explanations. | 6. Specialized tools support talk and writing. | 7. Activities build toward cumulative understandings. | 8. Everyone is helped to participate. |
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