

Cynthia Nye, Old Orchard Beach ME

Bowdoin



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This video was recorded as part of the project team increasing our understanding of how teachers might work with physical microcosms in the classroom and how they talk about models. Earlier in the conversation Cynthia raised a concern that microcosms are “deceptive” because they are only a small piece of the system. The piece of conversation in this video followed from additional probing on that statement.

We invite you to use this conversation with project partner teacher Cynthia Nye to inspire responses to our questions:

- What does it mean to have “a modeling orientation” to science?
- Can you describe it? Do you know it when you see it or hear it?
- How might you measure its presence/absence/extent?
- To what degree is its expression by professional scientists a model for students and teachers?

Contribute your thoughts [here](#). (Link not working? Type bit.ly/DMOSQuestions in your browser.)

