

COMPUTATIONAL THINKING AND MODELING (CTM) for 5th grade teachers



WHO:

Grade 5 teachers who teach science and/or technology from Portland Metro school districts interested in integrating CTM into an existing lesson or unit. Opportunity open to teachers from **Banks, Beaverton, Forest Grove, Gaston, Hillsboro, Portland Public, Riverdale and Sherwood** school districts.



WHAT:

- Participants will learn how to use **StarLogo Nova**, a blocks-based programming environment similar to Scratch.
- **MIT and NYU leaders** will share how they integrated computational thinking and modeling into their year-long 5th grade science curriculum.
- Participants will develop their own integrated lessons or units.



WHEN/WHERE:

7 90-minute after-school sessions, 7 90-minute flexible work sessions, and one hour of reporting between February – May 2023. All sessions will be hosted on Zoom.



WHY:

- Empower your students to use coding to answer questions and problem solve.
- Teach science, math and computer science at the same time.
- Meet and learn from other leaders and educators.
- **Earn up to an \$1,100 stipend** while creating lessons you can use in your own classroom!



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[https://www.pdxstem.org/
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