



A Professional Development Model

For Integrating Computational Thinking and Culturally Responsive Teaching Practices into Elementary Science Practice



Research Team



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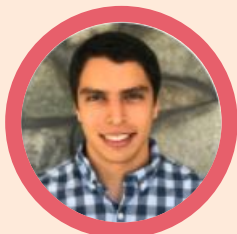
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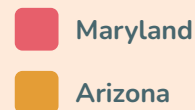
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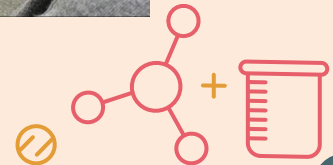




Background

- *Exploring the Integration of Computational Thinking into Preservice Elementary Science Teacher Education (CT→PSTE)*

<https://bit.ly/pste-ct>





Building a Shared Understanding

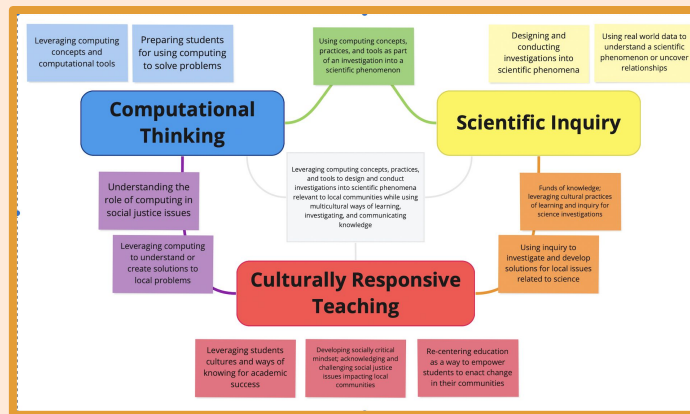
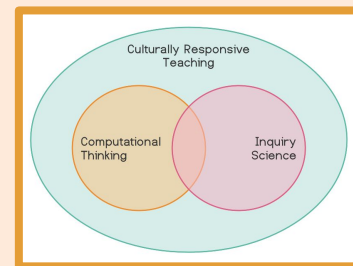
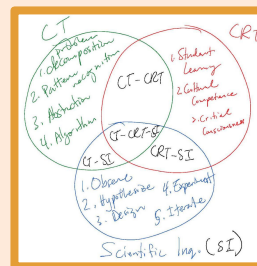


Continuum:  Teacher version
 Researcher version



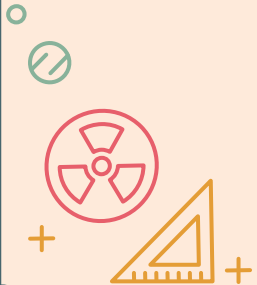
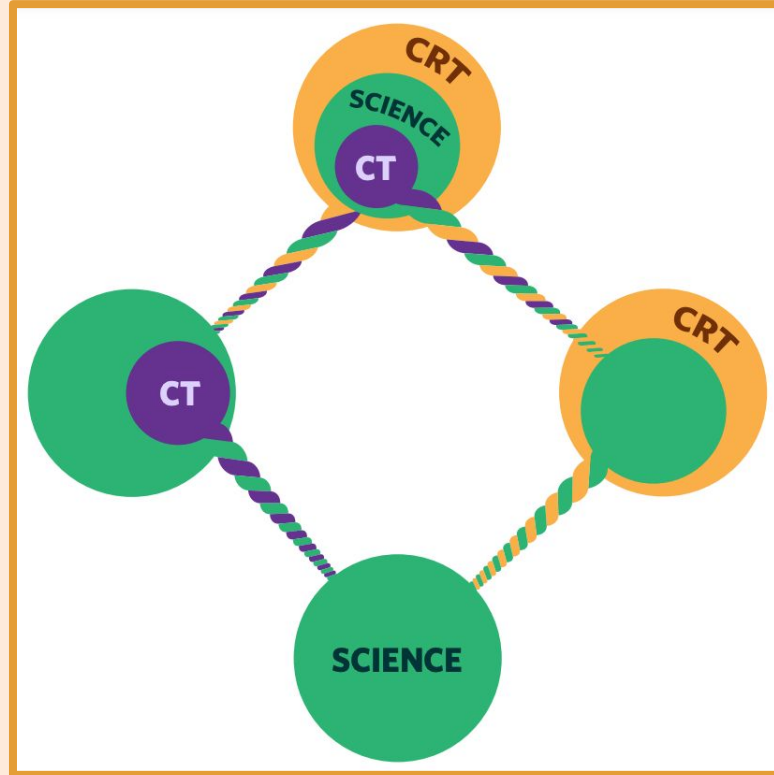
Model with labels only

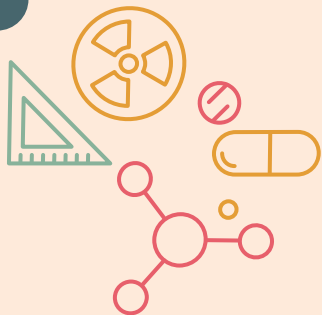
Model with labels, descriptions for each label and accompanying narrative





Building a Shared Understanding





Next Steps



01

PD DESIGN

Focus on the first summer session

03

RECRUITMENT

Confirm district participation and advertise the PD

02

ASSESSMENTS

Research-based rubrics and metrics

04

REFLECTION

Address researcher biases





Thanks!

Do you have any questions?

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