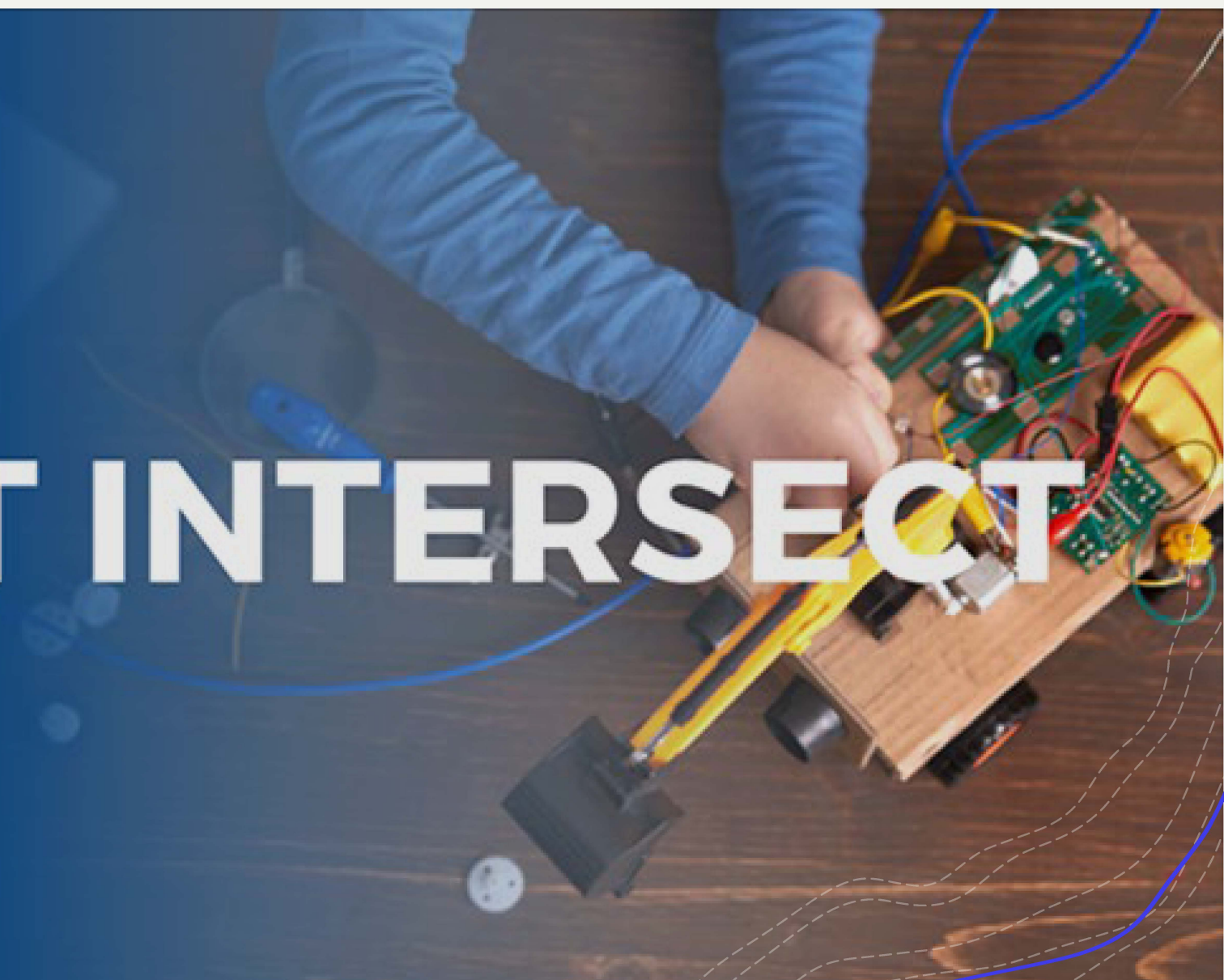




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Teacher Inquiry as a signature pedagogy for **teacher learning** in InTERSECT

Inquiry (aka practitioner inquiry, practitioner research, teacher research, teacher inquiry, & action research)

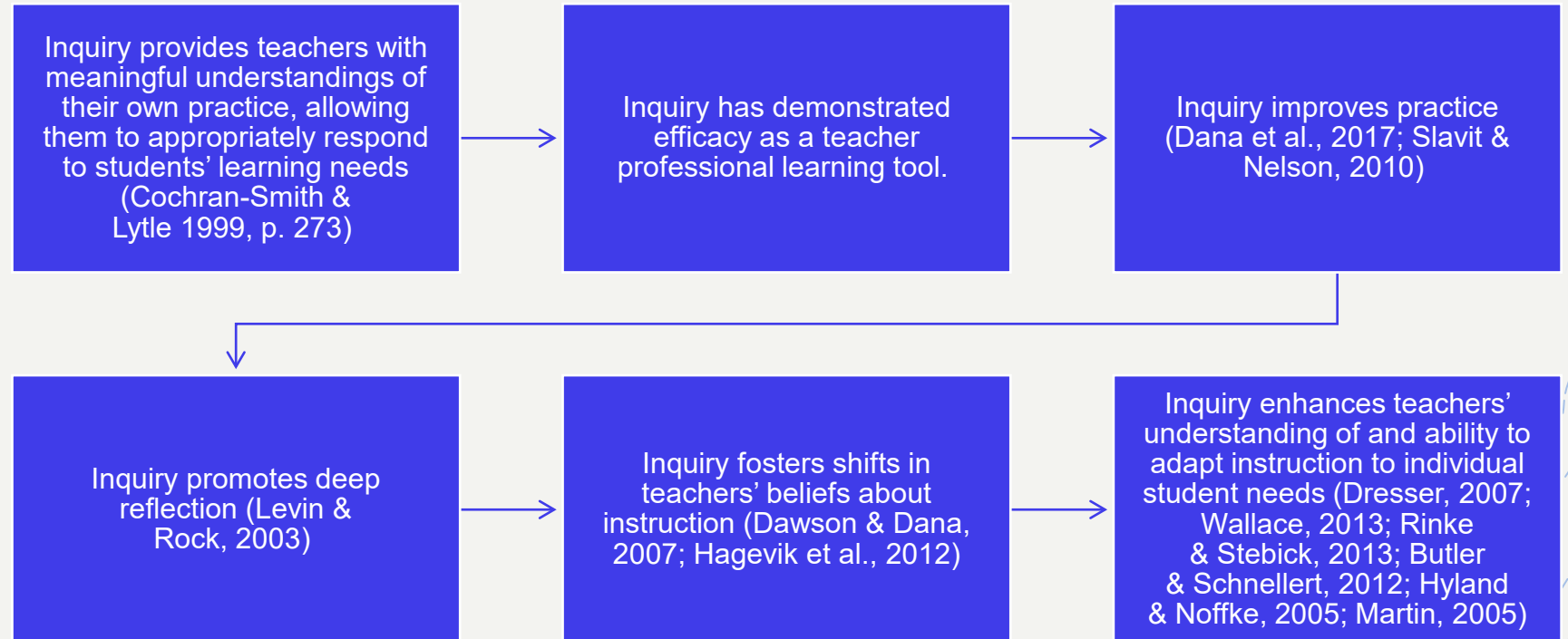
Inquiry is inherently self-directed, collaborative, & practice-connected


What is teacher inquiry?



- + The systematic and intentional study of one's own classroom practice (Dana et al., 2017)
- + Allows teachers to examine:
 - + Student learning (e.g., who is and isn't learning)
 - + Instructional design and teaching strategies
 - + Content knowledge
 - + Impact of the context on instruction (e.g., barriers and facilitators of learning)

Why is inquiry a tool to transform educator readiness for STEM instruction?





How does
Project
InTERSECT
embed
teacher
inquiry?

Each STEM content component is coupled with inquiry

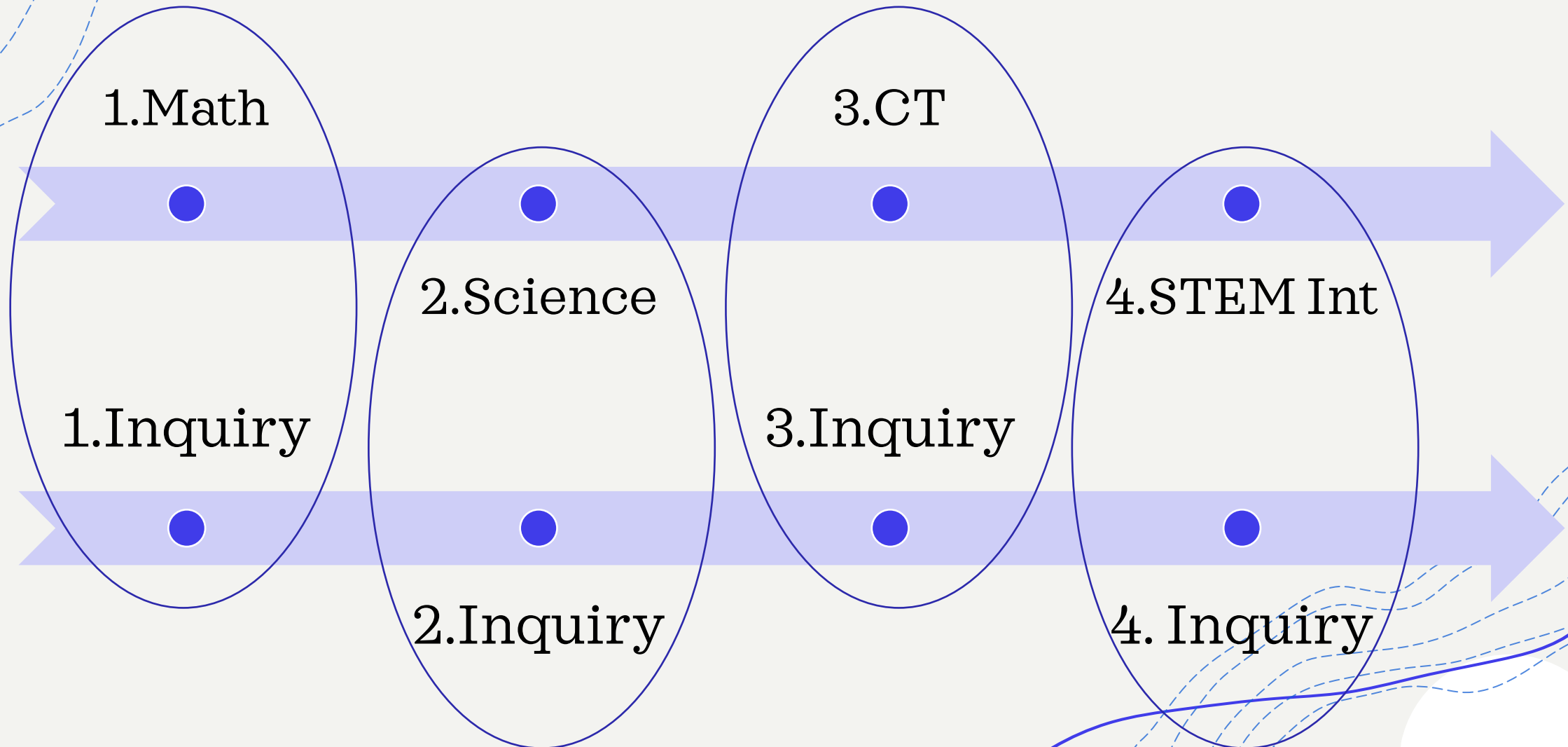
Inquiry cycles are used to support & study implementation

Inquiry coaching supports teacher development

Inquiry Showcases provides opportunity to learn from one another



4 content components coupled with inquiry to support implementation...



Inquiry artifacts to explore as evidence of teacher learning...



DIGITAL INTERACTIVE NOTEBOOKS
(AVAILABLE IN DIGITAL COMMONS)



INQUIRY SHOWCASE PROGRAMS
(AVAILABLE IN DIGITAL COMMONS)



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