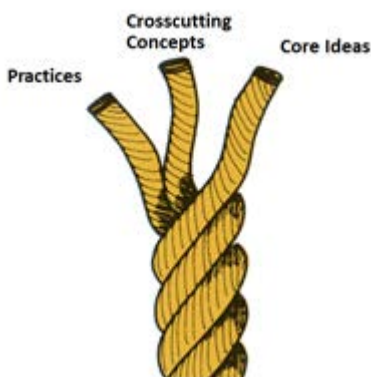
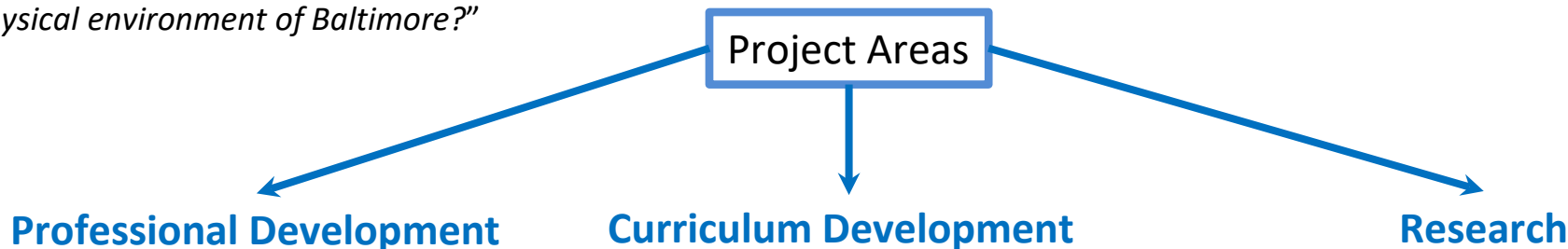


Integrating Chemistry and Earth Science (ICE)

ICE is a three-year project funded by the National Science Foundation to develop and study the impacts of new units for the Baltimore High School chemistry curriculum that infuse Earth science into the chemistry curriculum. The units blend disciplinary and crosscutting concepts, datasets and protocols for addressing the question, *“How does chemistry shape the physical environment of Baltimore?”*



Chemistry + Earth Science

	Pre-Unit	Post-Unit
Sample Model 1		
	Components = 2; Sequences = 2; Explanation = 0	Components = 3; Sequences = 2; Explanation = 1
Sample Model 2		
	Components = 3; Sequences = 2; Explanation = 0	Components = 3; Sequences = 2; Explanation = 1
Sample Model 3		
	Components = 2; Sequences = 2; Explanation = 0	Components = 3; Sequences = 2; Explanation = 2

**BALTIMORE CITY
PUBLIC SCHOOLS**



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THE GEORGE WASHINGTON UNIVERSITY
WASHINGTON, DC



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