
BRIDGING THE TEACHING

GAP: PROVIDING PROBLEM BASED LEARNING TO ALL STUDENTS PROVIDING YOUNG TEACHERS WITH CRITICAL SUPPORT & MENTORSHIP

Dan Guericke — Director, Mid Central Educational Cooperative & South Dakota Innovation Lab

Dr. Jill Thorngren — Dean of Education & Human Sciences, South Dakota State University

Mari Biehl — STEM Coordinator, South Dakota Innovation Lab



THE CHALLENGE



“...in South Dakota right now is a perfect storm scenario. We’re not attracting enough new teachers and we’re losing veterans in key areas.”

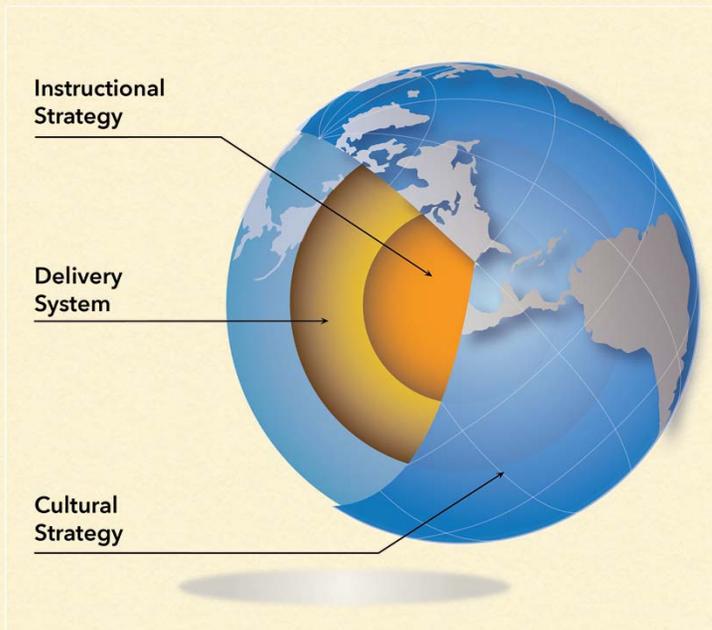
(Education News 2014)



HOW DO WE....

- How do we deliver robust STEM education to all South Dakota students with the resources we have?
- How do we use this perfect storm to create something new and better in K-12 education?
- How do we build a system that works for rural South Dakota?

TOGETHER WE



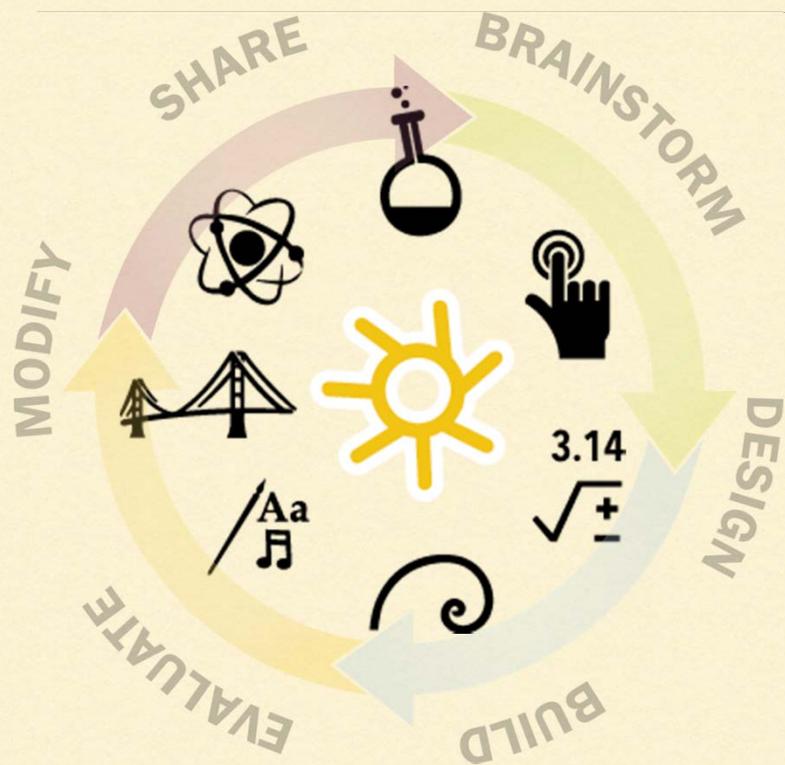
- We pool our resources
 - We join together to create new delivery systems
 - We build new programs that amplify the experience of pre-service teacher's instruction
 - We take advantage of technology
 - We create a model that is replicable
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WHICH RESOURCES



- Our students
- Our seasoned teachers
- Our pre-service programs
- Our schools
- Our communities

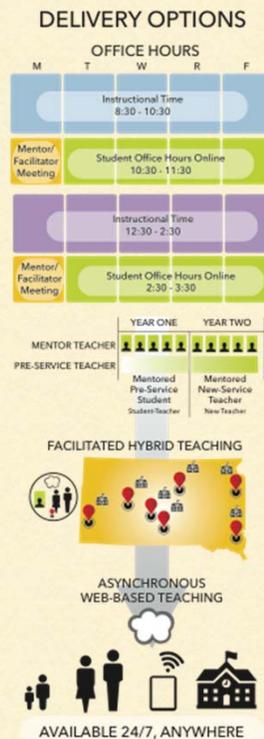
WHAT KIND OF NEW DELIVERY



- 3 Experienced Teachers —
Math, Science, Humanities
- 1 Pre-Service Facilitator per
school for the class
- Simultaneous instruction in all
4 Core Content areas

HOW WILL THIS WORK

3 Hybrid Teachers at the Learning Lab
 Synchronized with Pre & New Service Teacher Facilitators at Satellite Schools each class recorded so students can revisit the learning Asynchronously



2 hours of synchronous instruction daily Monday thru Friday
 &
 1 hour Office time Tuesday thru Friday
 &
 Weekly Planning for Hybrid Teachers and Facilitators

HOW MUCH WILL THIS COST PER STUDENT

MATH	SCIENCE	LANGUAG E ARTS	SOCIAL STUDIES
\$650			
1	\$1300		
	2	\$1950	
		3	\$2000
			4

- Each student pays per content credit
- Each Content specialist reaches up to 180 students per day

Cost for credit from 1 to 4

HOW DOES PROBLEM-BASED LEARNING MAKE THIS POSSIBLE



Students master standards at and above grade level



Students are engaged, directing their own learning responsibly

Teaching the way people learn builds skills necessary for success in a dynamic world



Culturally relevant learning allows students to see the impact of their experiences in the community

WHO PARTNERS FOR THE PRE SERVICE TEACHERS



- South Dakota State University partnered with SDIL and PAST to provide immersive training for pre service and new teachers in TPBL

GAINING EXPERIENCE



- Pre Service teachers have the opportunity to teach anywhere and still receive robust mentoring and faculty guidance through synchronous delivery
- Doublebots in the classroom allow the Hybrid teachers and Pre Service teachers to interact with individual students
- TPBL modules guide learning and help Pre Service teachers gain experience in project management