



& Sonoma Valley Unified School District

Partners in Innovation... Integrating ELD and Science

Funders:

USDOE Investing in Innovation (i3) Grant

2010 - 2015

Sonoma Valley Education Foundation

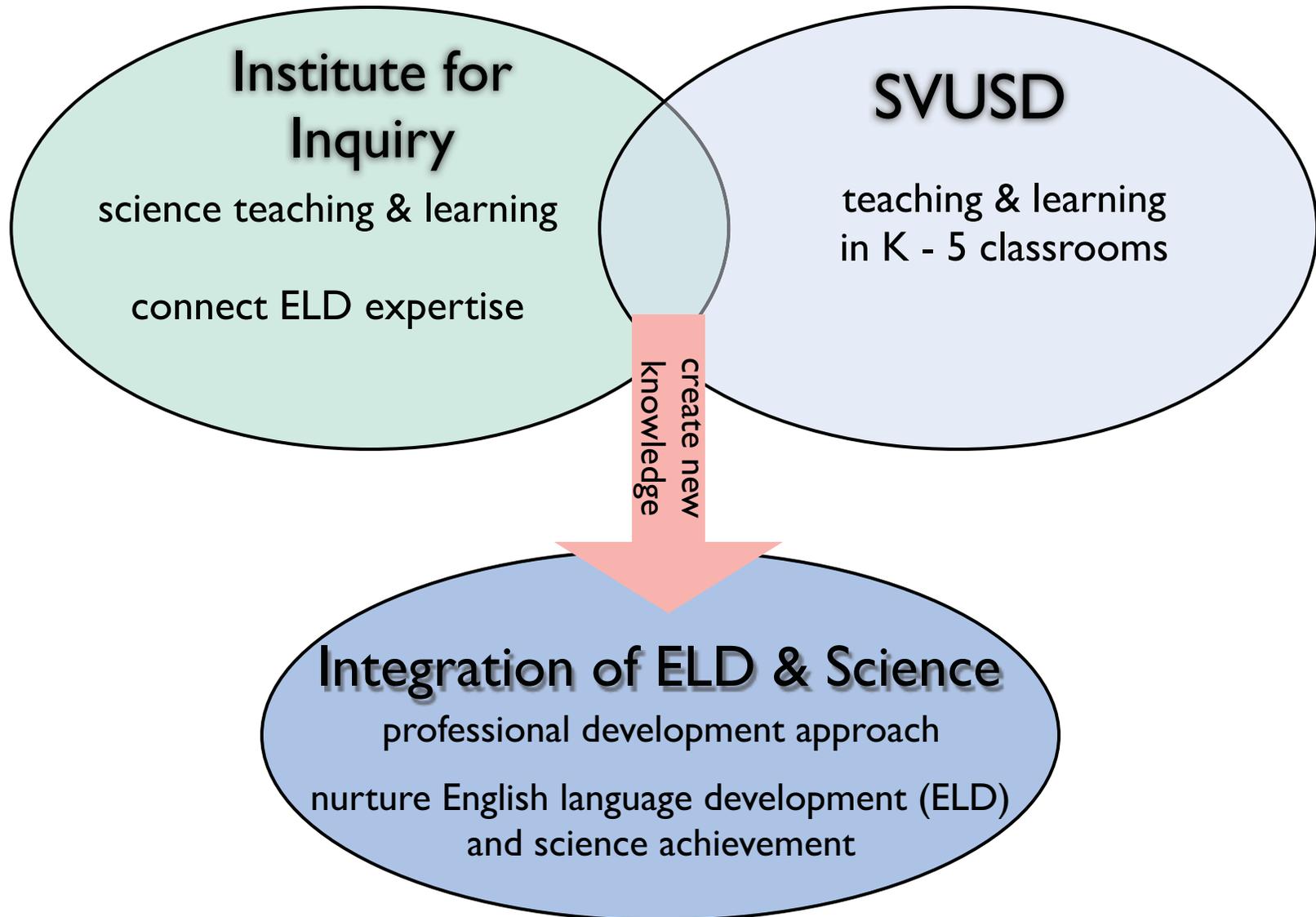
Vadasz Family Foundation

Research and Evaluation Team:

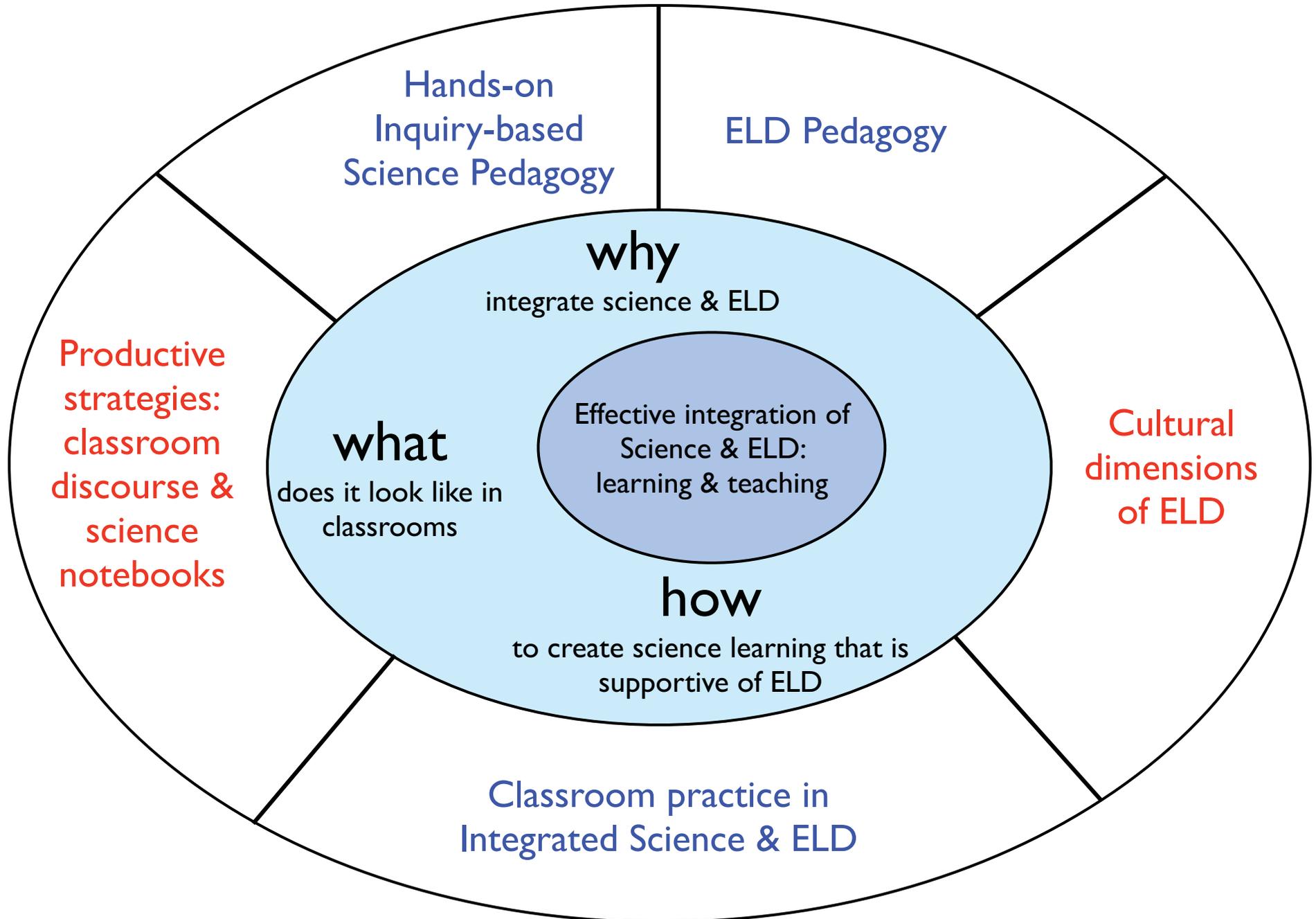
Inverness Research Inc.

Center for Research, Evaluation, and Assessment (LHS)

“Let’s give them science to talk about!”

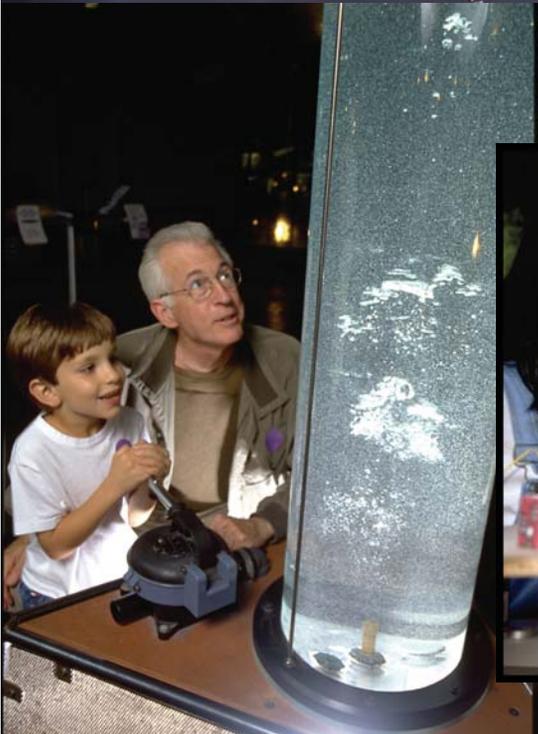


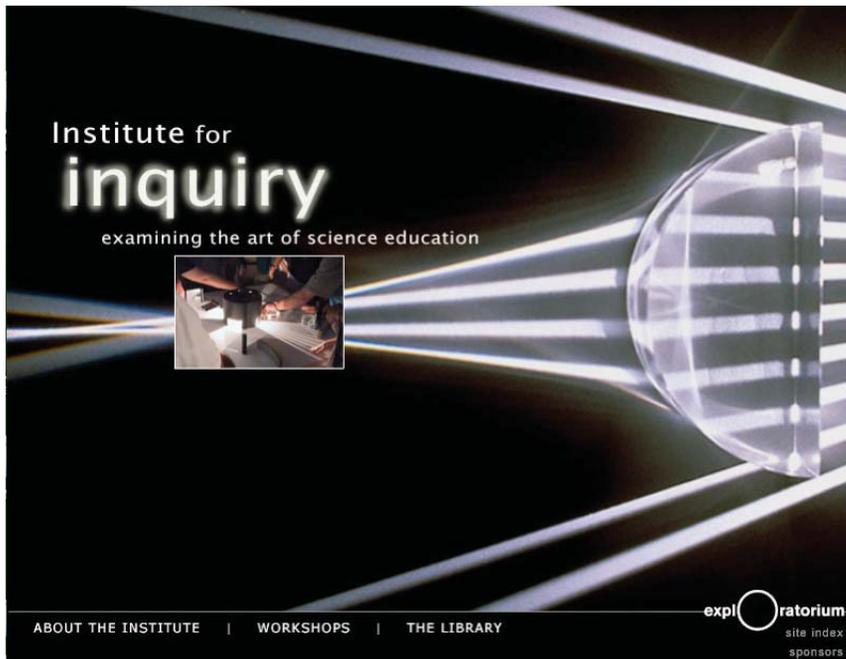
Goals & Questions



Museum as laboratory for learning & teaching

Where the right answer is a question ...





National Center for K-8 Science Education Leadership Development

Professional Development Workshops

Fundamentals of Inquiry

Assessing for Learning

Classroom Strategies for Teaching Inquiry

Impact (1995-2010)

5000 lead teachers, district professional
developers, university faculty, museum
educators

160 projects, 600 districts, 42 states

On-line Professional Development Curriculum

Transformative



Translatable



Sonoma Valley Unified School District



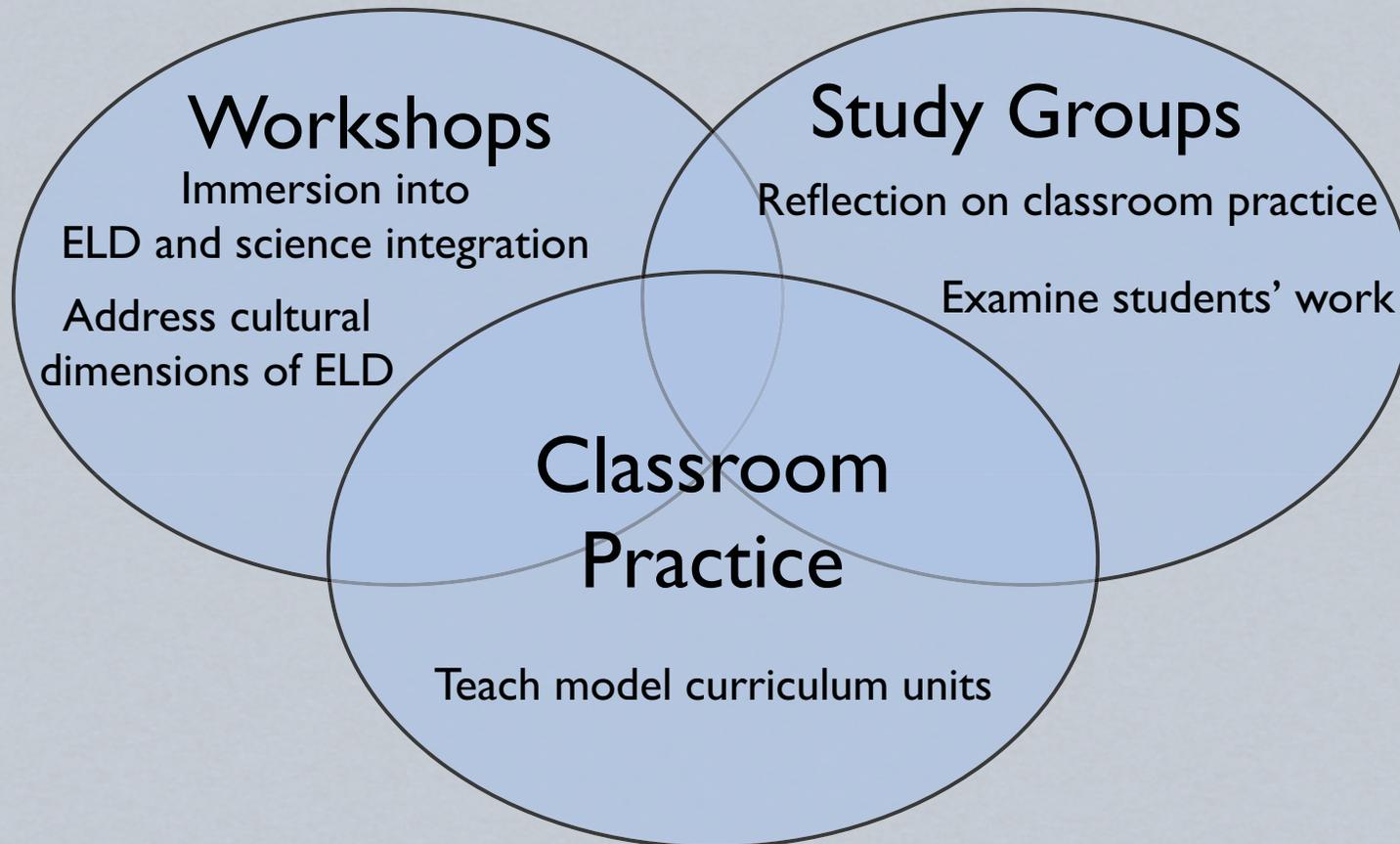
60% ELs

5 elementary schools

80 K - 5 teachers

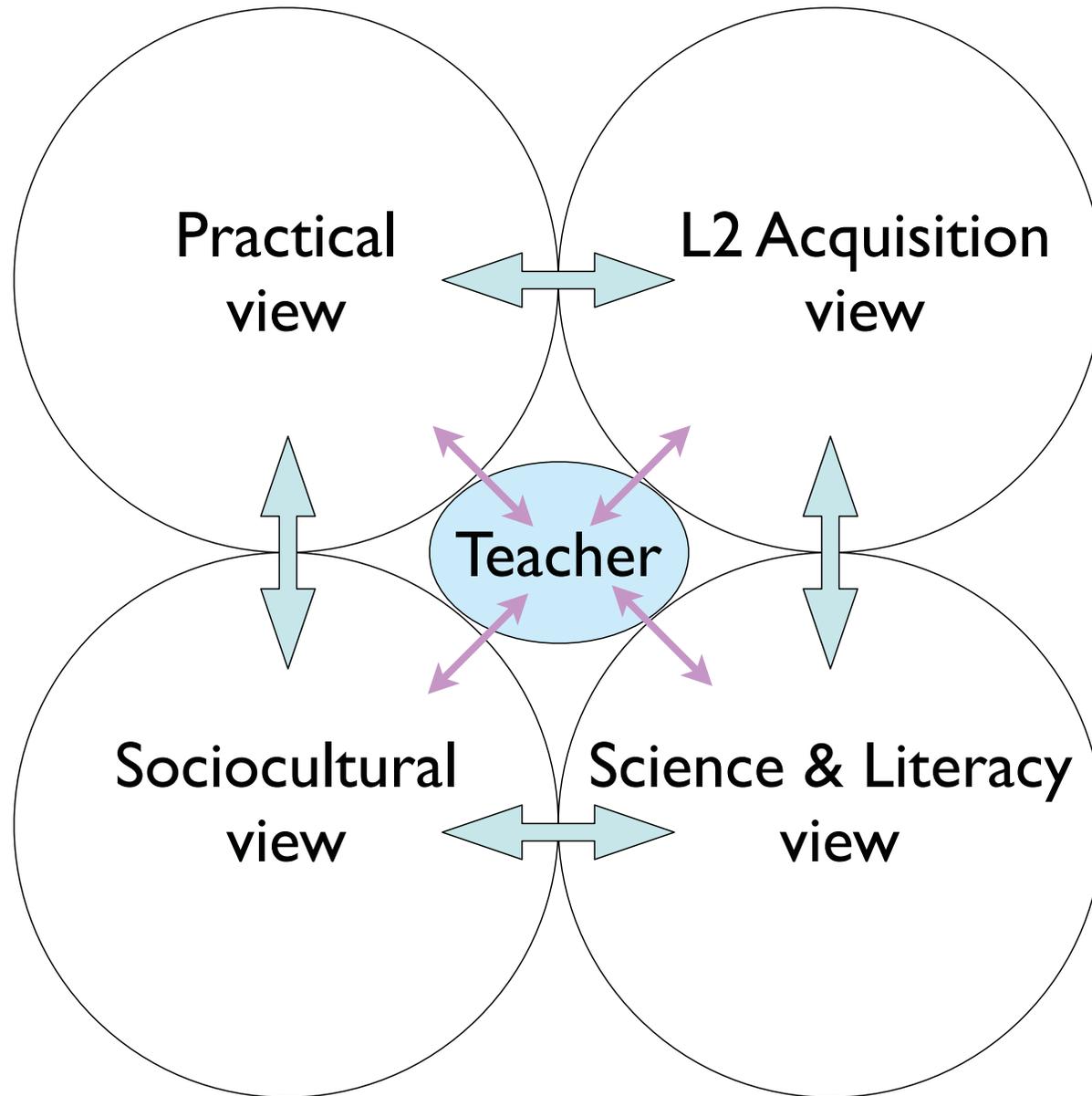
paths of innovation





Leadership Opportunities

Co-present PD - Host classroom visits -
Review & Refine model curriculum units

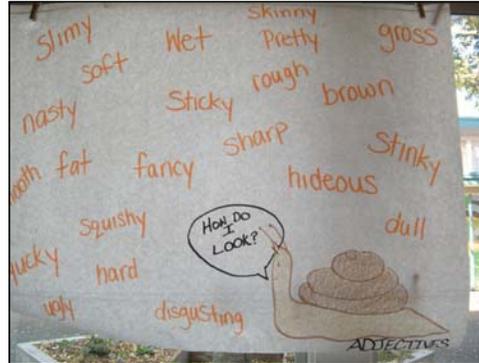


model curriculum units

Exploration

Investigation

Communication & Interpretation

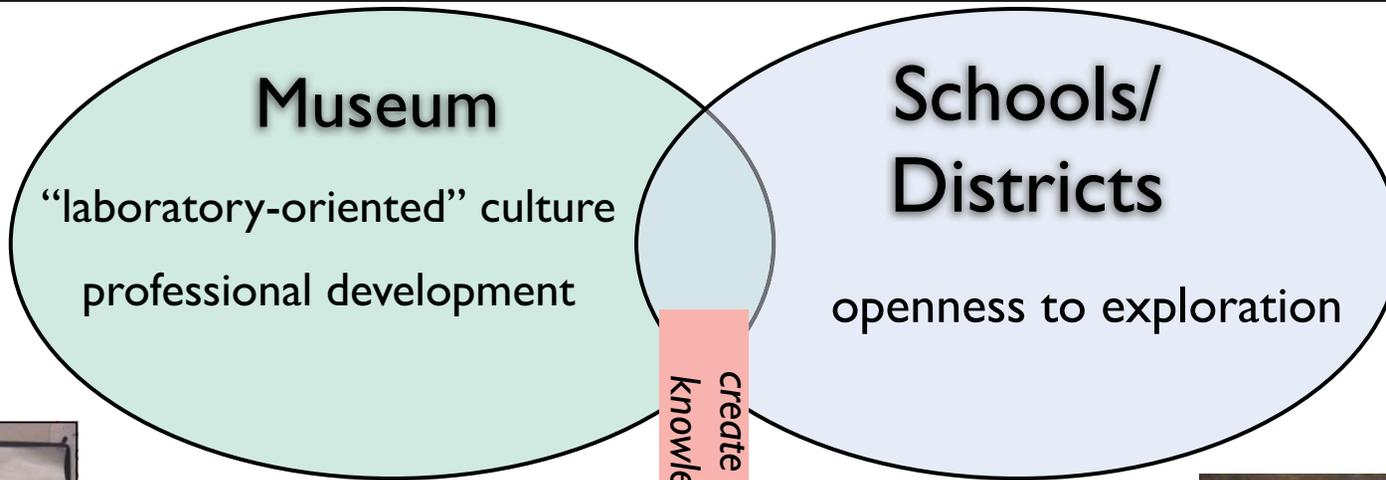


classroom practices

**Classroom Discourse:
Science Talks**

**Written Communication:
Science Notebooks**

Model for Partnerships



create new
knowledge



students are:

- conversing (with purpose)
- exploring (with purpose)
- observing and recording

