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NRC Workshop on Out-of-School STEM Learning: A National Summit

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National Research Council Washington, DC

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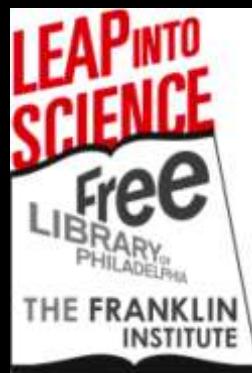


Long, Effective, Impactful Track Record

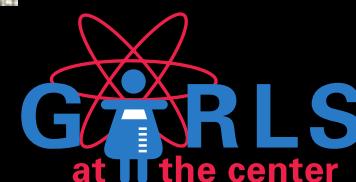
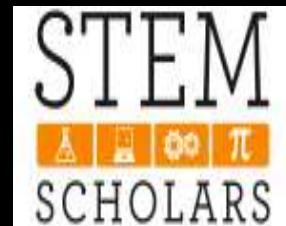
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THE SCHOOL DISTRICT OF
PHILADELPHIA



Looking Across Initiatives



- Commitment to broad implementation & sustainability
- Flexibility and fidelity balance
- Science as both means & end
- Rich, committed, messy collaborations

LEAP into Science



Science + Literacy Enrichment Afterschool Program



Partners since 2007



Expansion Network



27 diverse organizations

- Libraries
- Children's museums
- Science centers
- Afterschool Ntwks
- Universities
- Public Television

Studying use & adaptation of resources

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CASCADING INFLUENCES: Long-Term Impacts of Informal STEM Experiences for Girls



Dale McCreedy, Ph.D. & Lynn Dierking, Ph.D.

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What Works / What Doesn't

- Think from balcony and from weeds
- Become one of 'them'; help them know 'you'
- Recognize that you are a learner too
- Clarity about Core Essence

- Inserting 'your' program into 'their' world
- Promoting unrealistic structure/set of expectations
- Expecting immediate ownership/integration
- It can't be about you in long run