



Help Improve Elementary Science Education

The Center to Advance Elementary Science through Assessment, Research, and Technology (**CAESART**) invites your district or school to participate in a federally funded research study to better understand the effect of a literacy-integrated science curriculum on children’s science learning.

Participants can gain access to a **high-quality, standards-aligned, science curriculum** that **integrates literacy and science learning** or can continue using their existing science curriculum in K and Grade 1 classrooms.

The study provides **curriculum and classroom materials**, and the **professional learning support** needed for successful implementation – at no cost.

Schools and teachers who join the study will also receive:

\$5,000 per school to support implementation
\$1,000* per participating teacher

*Teachers will be paid in accordance with school/district policies.



CAESART is dedicated to addressing the urgent need for high-quality science assessments for early elementary learners. To learn more about our center visit:



Scan or visit
caesart.edc.org to learn more about our work.

More about CAESART

- A national research and development center to:
- Address the need for high-quality science instruction and assessment for early elementary learners, K-2
- Build long-term capacity for science education that benefits students and teachers by designing, testing, and using assessments to illuminate children’s science learning

Partners

- University of Miami
- National Center for Research on Evaluation, Standards, and Student Testing (CRESST) at UCLA
- Lawrence Hall of Science at UC Berkeley

Development and testing of new K–2 science assessments

Create and test new, technology-based assessments for research that center students’ thinking and experiences through adaptive and game-based approaches to better understand how young students learn science.

Two measurement studies to develop and test:

- *Lens on Science* adaptive assessment to grades K–2
- Game-based performance tasks for grade K physical science

Comprehensive review of science assessments

- Conduct systematic landscape review of existing pre-K–5 science assessments and share through a publicly available database.





A center for elementary science

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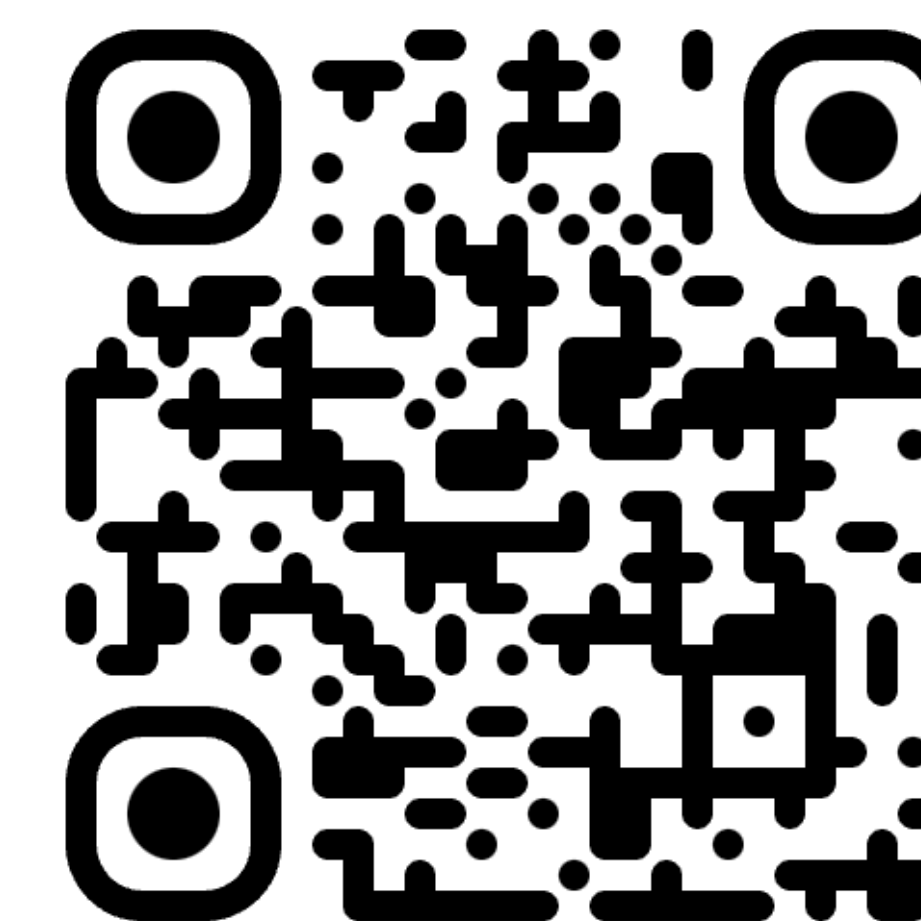
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CAESART is dedicated to addressing the urgent need for high-quality science assessment for early elementary learners. Research will provide insight into:

- How to measure science learning
- The effect of an integrated science-literacy curriculum on young students’ understanding of science



Outreach

Bring together educators, researchers, and policymakers through our national hub to ensure that this work informs science education policy and curriculum and instruction.

Investigation of an integrated science-literacy curriculum

Investigate how an integrated literacy and science curriculum affects science learning in grades K and 1, using the new assessments to measure effects over one and two years.

We are looking for schools and districts that meet one of the following criteria:

- Currently implementing a science curriculum in K and Grade 1 classrooms
OR
- Willing to adopt Amplify Science, a literacy-integrated curriculum, in K and Grade 1 classrooms.

If schools do not currently use a K–1 science curriculum—or they want to try Amplify Science K–1—this study will provide free access to Amplify Science during the study. Schools and teachers who join the study will receive:

- **\$5,000** per school to support implementation
- **\$1,000*** per participating teacher

*Teachers will be paid in accordance with school/district policies.

Interested in learning more or participating in our study? Email us at CAESART@edc.org

