

Elementary Schools!

Help us test an app to increase the science knowledge of

Second-Grade Students



MITOS

Transforming the Learning of Science for Second-Grade Latino/a Students
Through Meaningful Interactions Using Technology Inside and Outside of School



MITOS

*Seeking Teacher, Parent,
and Student Partners
for New Research Project!*

What is the project about?

MITOS will adapt and scale a gamified app to be used both in school and outside of school to develop second-grade students' science vocabulary and content knowledge.

Why is it important?

To explain and discuss science phenomena, students need a deep understanding of vocabulary that is not always targeted in science textbooks. MITOS will help students learn science words in school and at home with parent participation. Teachers will receive a report on which students need additional support in school.

When will the project take place?

2026–2027 School Year

Teachers, parents, and their children will be invited to participate in a study to build students' science understanding through literacy-infused activities that connect classroom instruction to home learning.

What will teachers do?

- Help organize and take part in data collection
- Provide feedback through surveys and interviews, if selected
- Teach small-group lessons included in the program to struggling students

What are the district and school responsibilities?

- Help the research team recruit potential participants
- Provide student demographic data to support the analysis

What are the research team commitments?

- Provide a \$250 stipend to teachers for their collaboration
- Provide training and workshops to teachers and parents
- Present findings in a report and be available for any questions

What will parents do?

- Have their student play the MITOS app for 10–15 minutes at home 4–5 times per week
- Engage in a conversation around the MITOS content after their student has played the app
- Provide the research team with feedback through short surveys

To participate, please contact:

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