

We Are McKinney ISD!



United in Purpose, Forward with Focus



MCKINNEY ISD
EVERY STUDENT, EVERY DAY!

Pre K- 12 Science



Elementary Science Coordinator - Teresa Bilyeu
Secondary Science Coordinator - Dr. Kendra Henke

McKinney ISD Science Mission

In McKinney ISD, we empower all students with hands-on learning experiences that integrate science and engineering practices. By engaging students in critical thinking, creativity, and problem-solving, we prepare them to thrive in a future-ready world.



MISD Science Achievements

- Continued to support our district-wide initiative to increase opportunities and access to STEAM experiences for Every Student, Every Day.
- Engaged our students using a high quality instructional K-12 science resource that follows the 5E Model, emphasizes scientific literacy, writing, and engineering practices, and integrates recurring themes and concepts through hands-on learning.
- Offered professional learning to build capacity in educators as content experts using our Science TEKS and our McKinney ISD Model of Instruction.



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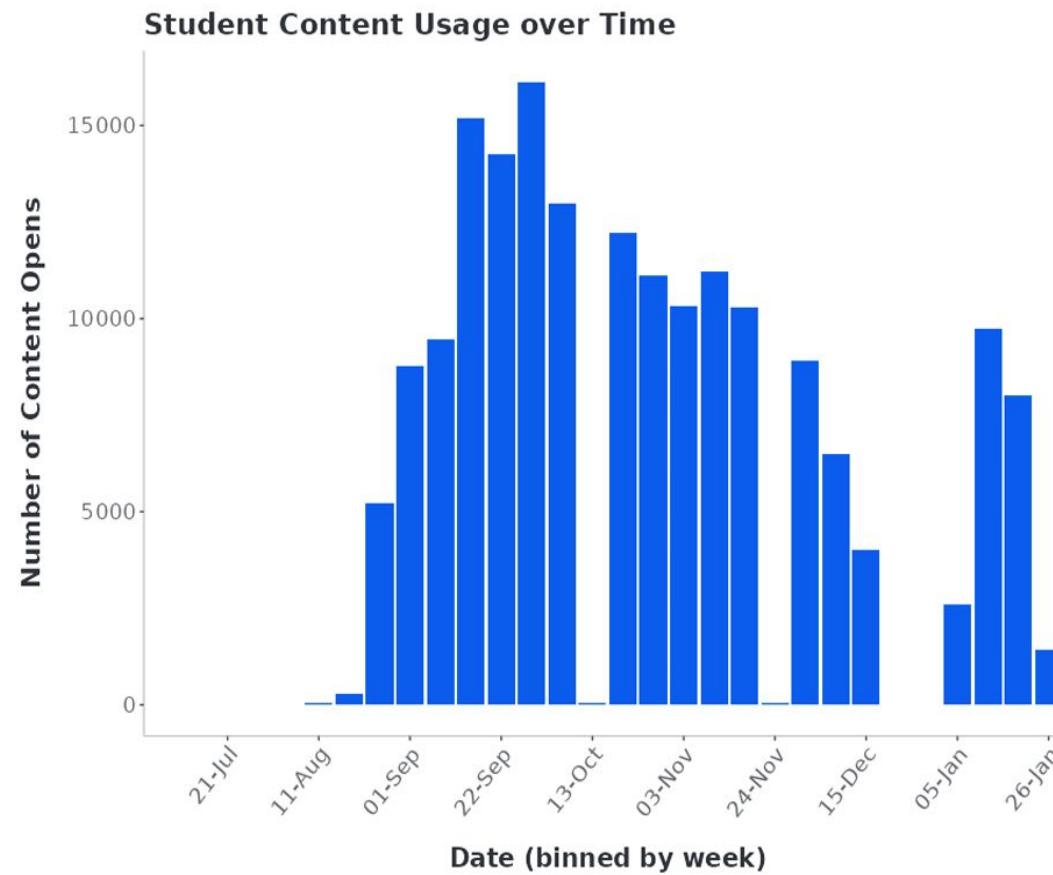
Data Insights Graphics



Content Usage Over Time

How much of the **Experience Science TX (grades K-5)** digital content is being used by **students** week to week?

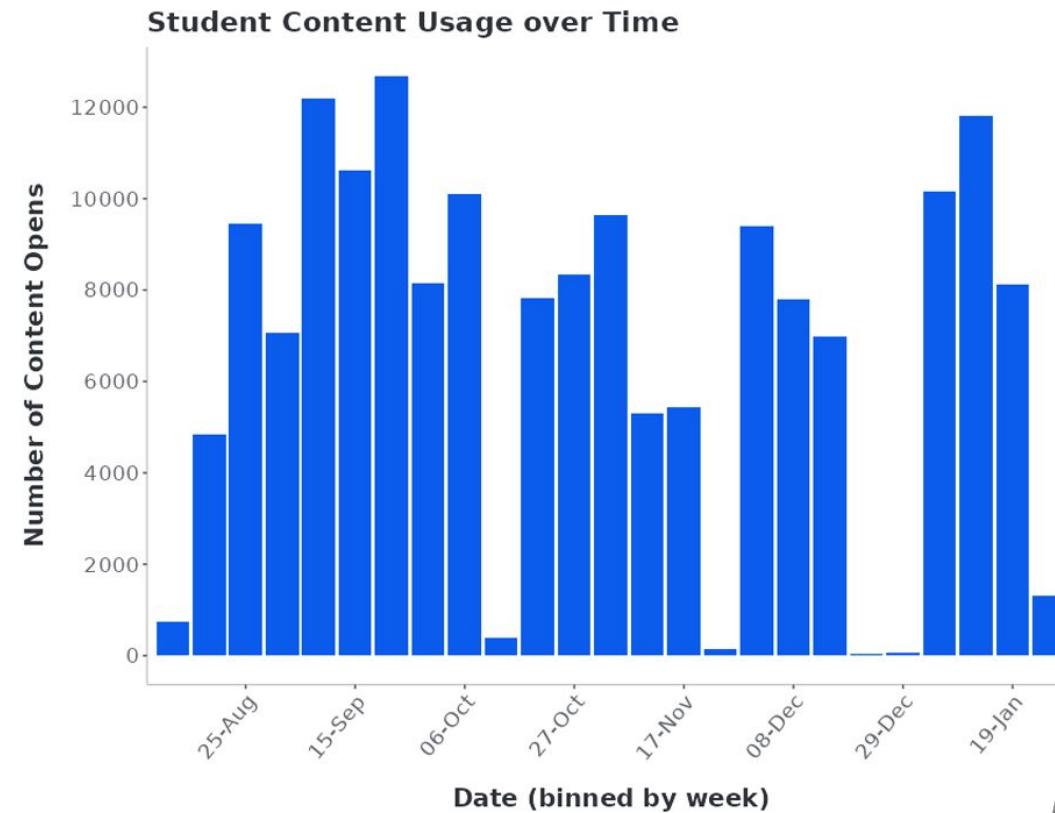
We noticed the highest amount of student content usage in the week of Sep-29 with a total of 16,128 content opens. Students' weekly average content opens were 6,878.



Content Usage Over Time

How much of the **Experience Science TX (grades 6-12)** digital content is being used by **students** week to week?

We noticed the highest amount of student content usage in the week of Sep-22 with a total of 12,688 content opens. Students' weekly average content opens were 6,743.



Science Focus

Focus	Action Steps	Next Steps
Increase science achievement for Every Student, Every Day, through strategic instruction and consistent support.	<p>Provide alignment to New Art and Science of Teaching (NASOT) elements in the MISD Model of Instruction:</p> <ul style="list-style-type: none">● Differentiation and engagement● Student centered inquiry● Varied science interactions● Academic vocabulary	<p>Ensure continued progress and success through:</p> <ul style="list-style-type: none">● STEAM resources in science● Hands-on learning experiences● Provide regular, clear feedback and time for reflection● Opportunities for student monitoring of achievement
Promote ongoing development of science instructional practices for MISD teachers, instructional coaches, and administrators.	<p>Learning opportunities through:</p> <ul style="list-style-type: none">● Campus and District Professional Development● Instructional Coach Trainings● NASOT Learning Walks● Learning and Leading with Administrators	<ul style="list-style-type: none">● Equip educators in deepening their understanding of NASOT design elements● Guide educators in applying NASOT strategies in science instruction● Provide curriculum documents to support instructional planning● Promote practices that deepen students' understanding of science

Elementary Science Highlights



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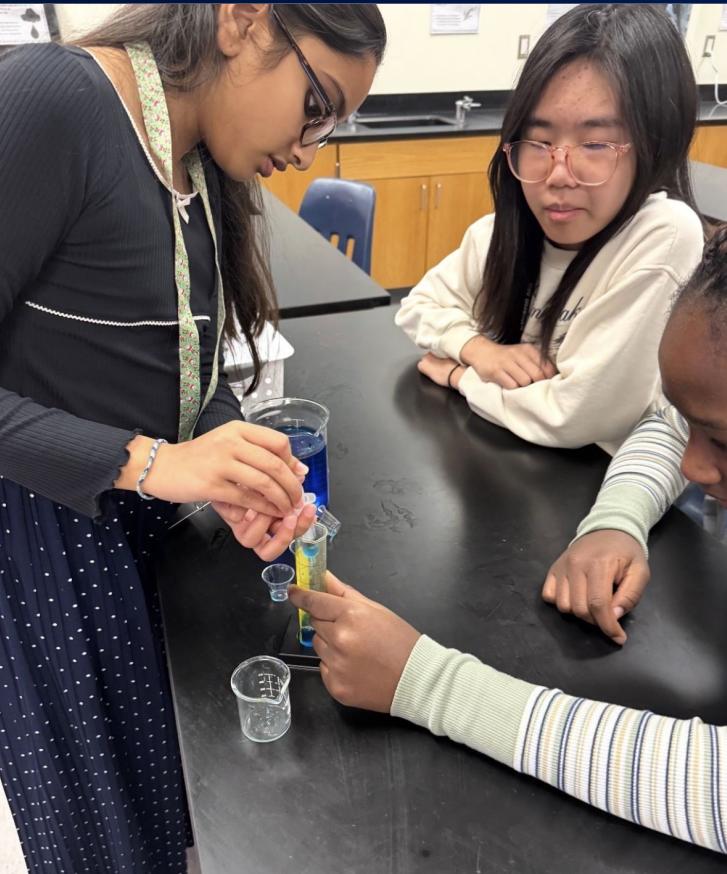
@BilyeuTeresa
#McKinneyScience

Secondary Science Highlights

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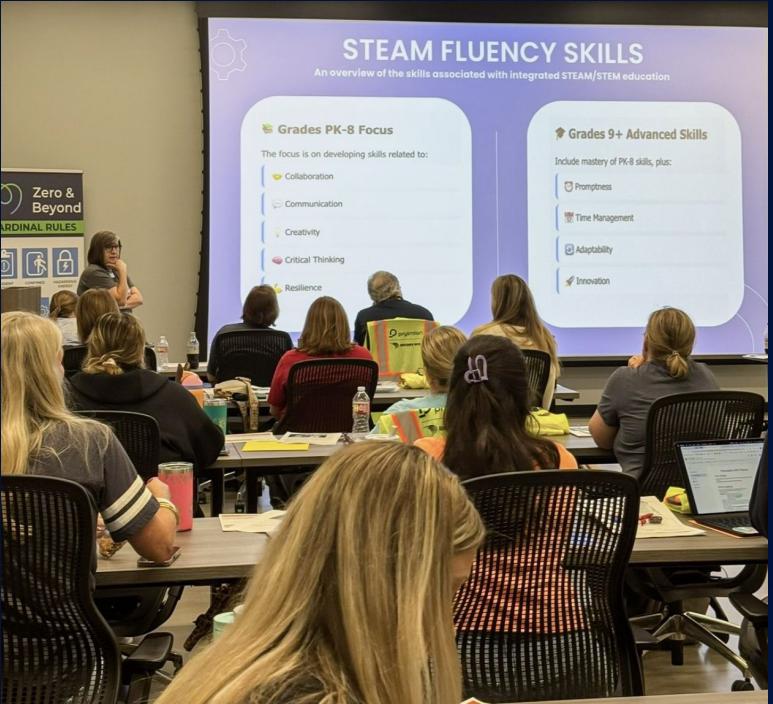


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@KendraHenke
#McKinneyScience

Professional Development Highlights



Thank you for your support and the opportunity
to share an overview of another successful
year in the McKinney ISD science program.

