

# We Are McKinney ISD!



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United in Purpose, Forward with Focus

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***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.





# MCKINNEY IND SCHOOL DIST-INT

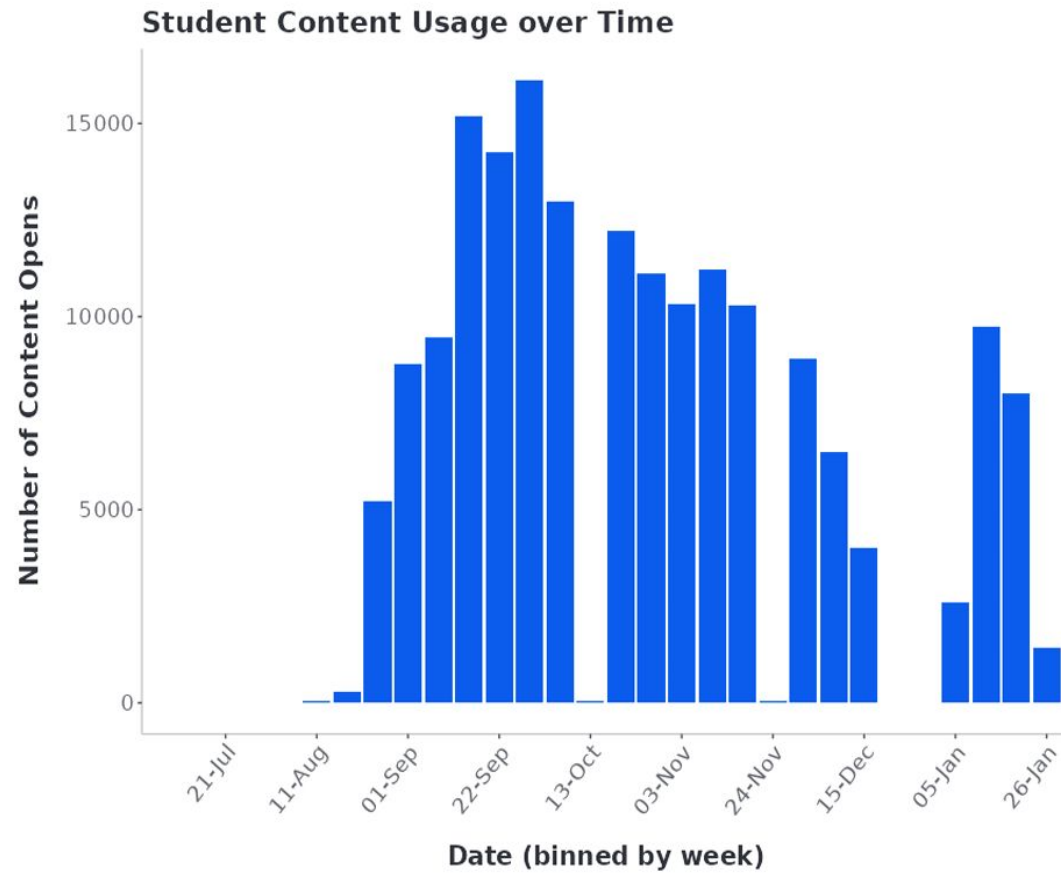
## Data Insights Graphics



# Content Usage Over Time

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

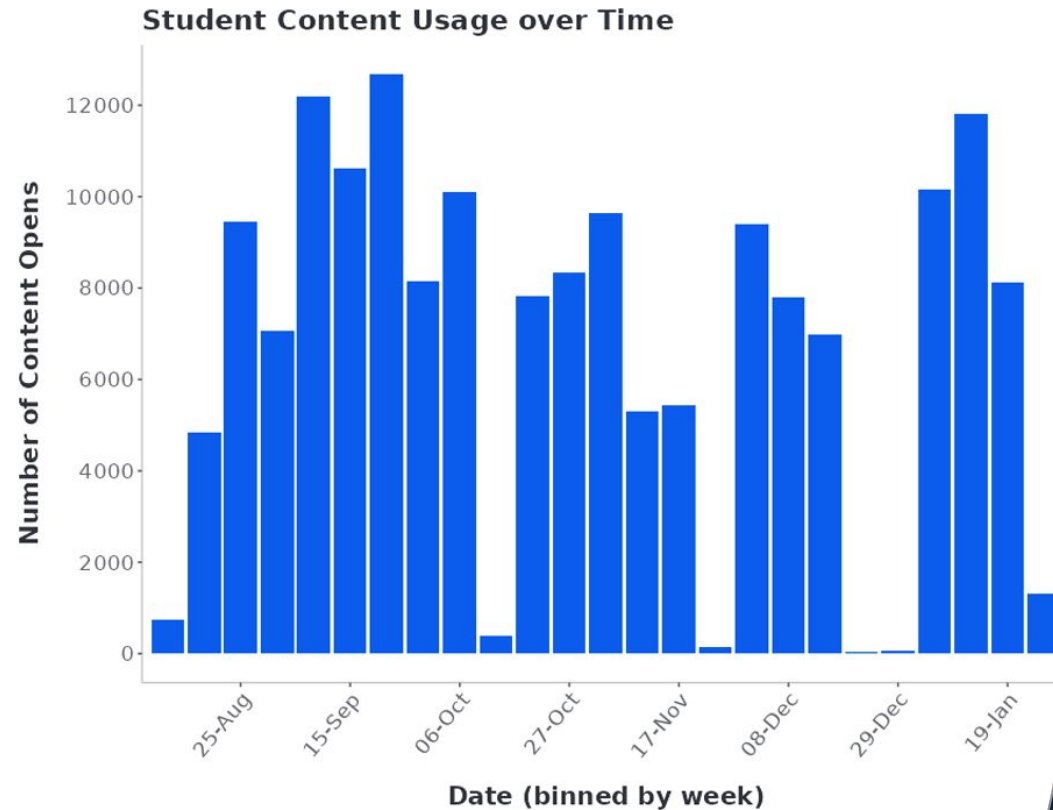
We noticed the highest amount of student content usage in the week of Sep-29 with a total of 16,128 content opens. Students' weekly average content opens were 6,878.



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

# Elementary Science Highlights



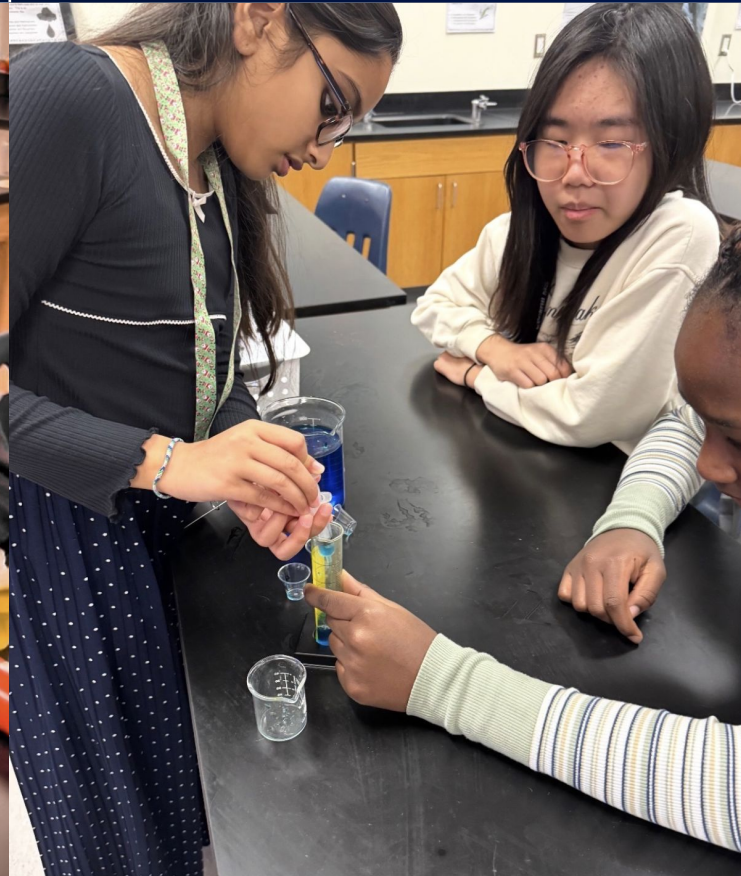


# Secondary Science Highlights

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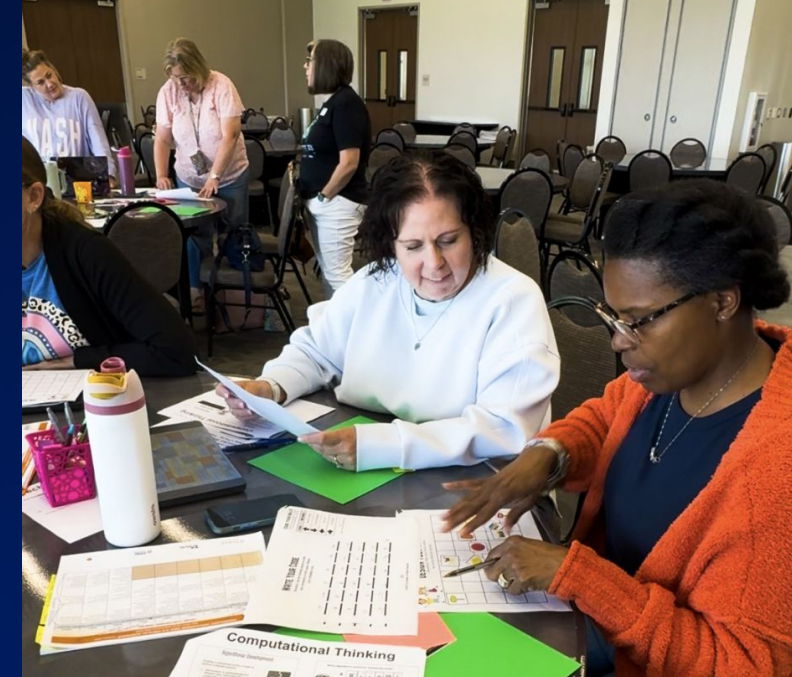
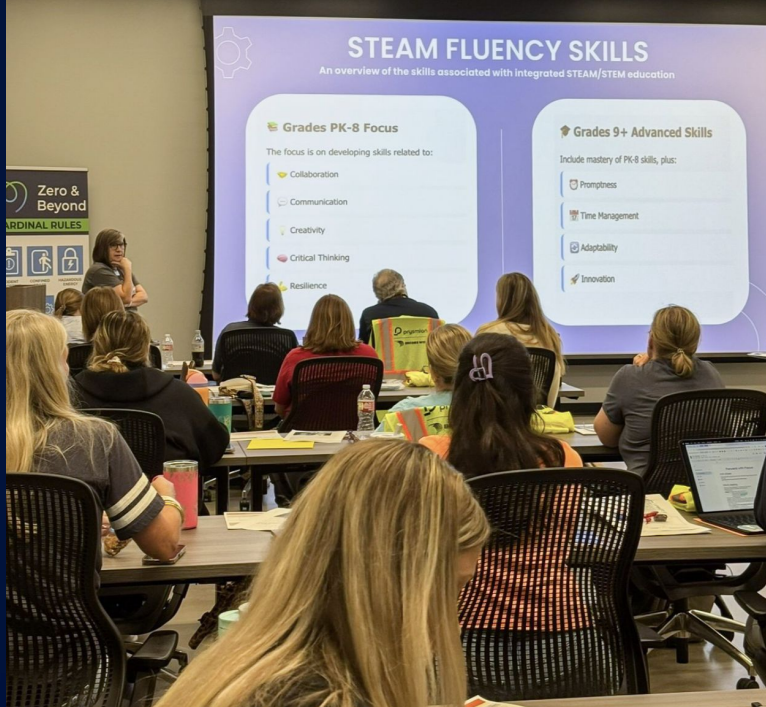
@McKinneySTEAM  
#CuriousCreativeConnected



@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.**

