The Academy of
STEAM
at Stribling Elementary
Why STEAM?

**Kids**
Our children are naturally inquisitive and love to explore, create, and share to learn.

**Life**
Life is about connections and collaboration, and this is how we learn.

**Future**
Texas is second only to California in the number of STEAM jobs available.
What makes STEAM different?

- Cross-Curricular Integration
- Design Thinking Resulting in Real-World Invention
- STEAM Tools: 3D Printer, Makey Makey, Ozobots
- 1:1 Technology
- Hands-On Learning
Stribling Students

Embrace challenge and grow through failure
Solve problems
Play and create to learn

Use the word "yet"
Thrive as creators
Master Design Thinking
Design Thinking

Imagine

Plan

Design

Share

Improve
Curriculum: Engineering is Elementary

**Science:** 3.5A and 3.6C
*Design a Maglev System*
*Use the Engineering Design Process to create a Maglev system*

**ELAR:** 3.13A
*Hikaru's Toy Trouble's*  
*Trace Hikaru's use of the Engineering Process.*  
*Summarize the Main Idea.*

**Art 3.3C**
*Design the exterior and interior of the Maglev train.*

**Social Studies:** 3.2B
*Students debate the need to create a Maglev system for transportation to connect Burleson to Dallas.*

**Math:** 3.1A
*Students work through math problems to figure out how much time the Maglev system would save.*
<table>
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<tr>
<th>Time</th>
<th>Class</th>
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<tbody>
<tr>
<td>7:45 - 9:45</td>
<td>Humanities</td>
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<tr>
<td>9:45 - 10:35</td>
<td>Rotation</td>
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<td>10:35 - 11:25</td>
<td>What I Need Time</td>
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<td>11:25 - 12:25</td>
<td>Lunch/Recess</td>
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<td>12:25 - 2:55</td>
<td>Math/Science</td>
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Extracurriculars

- Family STEAM Nights - 1 per six weeks
- Coding Club
- First Lego League
- Makerspace Opportunities
  - Magnetic Circuits
  - Ozobots
  - Keva Planks
- 3D Printer
"Our greatest natural resource is the minds of our children."

- Walt Disney
BISD Elementary Schools of Choice
Important Dates

• April 14 - Parent Info. Night - BHS 6:00pm
• April 18 - Parent Info. Night - CHS 6:00pm
• April 25 - Application Process Opens - 8:00am
• April 26 & 27 - Board Room Open for Applications 5:00-7:00pm
• May 2 - Application Process Closes - 12:00pm
• May 12 - Acceptance Letters Sent to Families