If you could describe your experience as a math student in one word, what would it be? Why?

What’s a specific math memory you have from school?

If you could change something about your math experiences as a child, what would it be? Why?

If your adult self could tell your child self something about math, what would you say? Why?
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Mixed

Multiplication Races

Appropriate challenge at every level

Fixed Mindset
“I loved math because I was good at it. I was always the first to finish and my teachers would tell my parents I was really smart.”

“The thought of math class still makes me cringe. I always only half understood what I was doing, so I faked my way through and did as much extra credit as I could.”

“I knew I needed to do it, so I did it. I never wanted to let my parents or my teachers down.”

“For me, math class was always okay; sometimes it was fun and other times it seemed like a waste of time, but I survived.”

“I did poorly as a student; I preferred goofing around with my friends. I’m a more successful adult than I was a student.”
Parents’ Reality vs. Current Research

Ongoing Support

Making Believers
<table>
<thead>
<tr>
<th>PARENTS´ REALITY</th>
<th>CURRENT RESEARCH</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;Math Brain&quot;</td>
<td>fixed mindset (Boys vs. Girls)</td>
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<tr>
<td>Teacher-centered</td>
<td>&quot;Sit and get&quot;</td>
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<tr>
<td>Performance focused: speed and correct answers</td>
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<tr>
<td>Procedural</td>
<td>Memorized steps</td>
</tr>
<tr>
<td>Independent</td>
<td>seated in rows</td>
</tr>
</tbody>
</table>
But change is hard...
“I turned out okay.”

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Making Believers

Reality Check: Then vs. Now
- Research on the brain
- Role of technology
- Career readiness
Technology

Google search for factors of 90:

The factors of 90. Answer:
1, 2, 3, 5, 6, 9, 10, 15, 18, 30, 45, 90, Related

Video
Top 10 Skills Most Desired by Employers by 2020

10. Cognitive Flexibility
9. Negotiation Skills
8. Service Orientation
7. Judgment and Decision-Making
6. Emotional Intelligence
5. Coordinating with Others
4. People Management
3. Creativity
2. Critical Thinking
1. Complex Problem-Solving

World Economic Forum
Making Believers

Seeing is Believing

- Hands on experiences
- Classroom visits
We’re in this Together

Ongoing Support
- Newsletters
- Workshops
- Open doors | Communication
Embrace the Change

Reality Check: Then vs. Now
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THANKS!

Sarah Kinney
Elementary Instructional Coach
skinney@columbus.edu.co
Medellín, Colombia
Sarah Kinney
K4-5 Instructional Coach
The Columbus School
Medellín, Colombia

Private
K4-12
86% Colombian Student Population
Colombian vs. Foreign Staff
Common Core State Standards