

## Math is Visual

We make sense of numbers with pictures, symbols, materials, and words.



## Mistakes are Powerful

Mistakes help us to learn and grow our brains. As we learn, we can change our thinking (COT).



## Depth is More Important Than Speed

Many mathematicians work slowly because they think deeply rather than quickly.



## Beliefs About How We Learn Math

## Math Requires Experimentation

Math is not linear. It is messy. Different strategies can be used to explore numbers



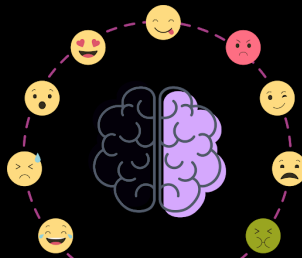
## Collaboration Deepens Our Understanding

Relationships connect us, support and grow our understanding, and allow us to thrive as learners.



## Math is Emotional

Thinking makes us feel.  
Feeling makes us think.



## We Need Feedback for Learning

Kind, specific, and useful feedback can help us to grow our thinking.

