

Elementary Math

Sitton Elementary School



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Mindset

What is YOUR experience with math?
When you think about math, what do you feel or think?

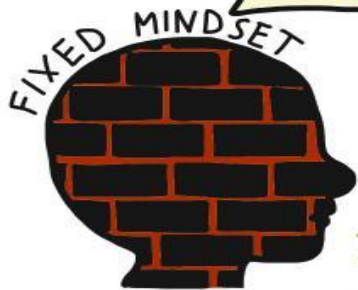


Math Attitudes

The way WE communicate about math influences a child's achievement...

- Brain research shows that messages students pick up from their parents about math and from their parents' relationships with math can change the students' math learning and achievement.
- In an [important study](#) researchers found that when mothers told their daughters they were not good at math in school, their daughter's achievement declined almost immediately.
- Receiving positive messages about math, struggling to solve mathematical problems and making mistakes has been proven to increase students' achievement.

10 Growth Mindset Statements



What can I say to myself?



INSTEAD OF:

TRY THINKING:

I'm not good at this.

1 What am I missing?

I'm awesome at this.

2 I'm on the right track.

I give up.

3 I'll use some of the strategies we've learned.

This is too hard.

4 This may take some time and effort.

I can't make this any better.

5 I can always improve so I'll keep trying.

I just can't do Math.

6 I'm going to train my brain in Math.

I made a mistake.

7 Mistakes help me to learn better.

She's so smart. I will never be that smart.

8 I'm going to figure out how she does it.

It's good enough.

9 Is it really my best work?

Plan "A" didn't work.

10 Good thing the alphabet has 25 more letters!

10 mandamientos para hacer crecer la mentalidad

MENTALIDAD FIJA



¿Qué puedo decir de mi mismo?

EN LUGAR DE:

NO soy bueno en esto

YO soy impresionante en esto

Me doy por vencido

Esto es demasiado duro

NO puedo hacer esto mejor

NO puedo hacer matemáticas

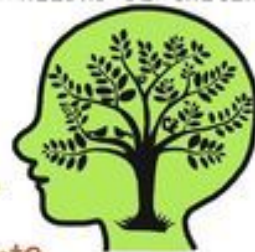
COMENTÉ un error

Ella es tan inteligente. YO nunca seré tan inteligente

Es lo suficientemente bueno

El plan 'A' NO funcionó

MENTALIDAD DE CRECIMIENTO



TRATE DE PENSAR:

- 1 ¿Qué me estoy perdiendo?
- 2 Estoy en el camino correcto
- 3 Usaré algunas de las estrategias que hemos aprendido.
- 4 Esto puede tomar algo de tiempo y esfuerzo
- 5 Siempre puedo mejorar. VOY a seguir intentándolo
- 6 VOY a entrenar mi cerebro en matemáticas
- 7 LOS errores me ayudan a aprender mejor
- 8 VOY a averiguar como ella lo hace
- 9 ¿Es realmente mi mejor trabajo?
- 10 ¡LO BUENO del alfabeto es que tiene 25 letras más!

Fuente Original desconocida

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What can I do at home?



Have Fun with Math!

- The power of “yet”: Use language that shows an expectation of eventual mastery. “This is a challenging problem. I don’t know how to do it YET.”
- Play games with your child that encourage the use of spatial reasoning, patterns, and counting.
- Introduce [tangrams](#) or other shape puzzles.
- “Play with numbers”. Talk about numbers with your child- add, [estimate](#), and count.
- Cook with your children: have them help read the recipe and measure ingredients.
- Encourage “[Structured Block Play](#)” opportunities.*
- Explore different ways to solve problems.
- Emphasize understanding over speed.

