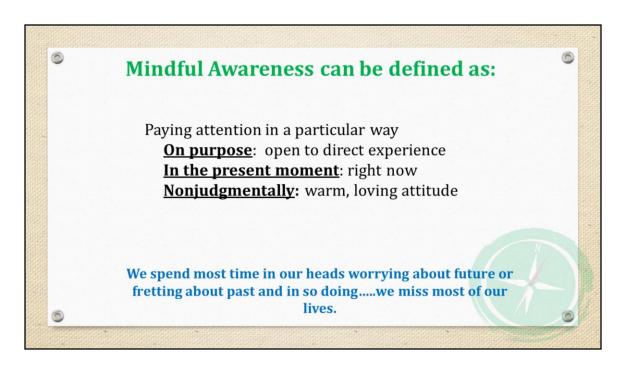


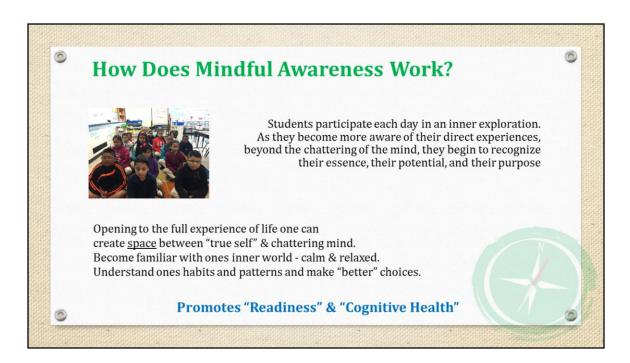
What is mindful awareness and how can it help in education?



Inner Explorer is designed to work for teachers and we appreciate all that you do for our educational system.



Have you ever driven to a location that you've driven to more than once and suddenly you are there and you can't recall the drive there? We've all done that, when we are caught up in thoughts and not paying attention to the ride.



Similar to driving, we have all said things as a reaction that we later regret. Mindful awareness allows us to create that space to make a better choice and that space for children can be life altering.



These practices have many health and wellness benefits..... scientists don't understand everything that happens in the body, but they know it works

Nearly every **clinical study has yielded significantly positive results--**-mostly without having to take medications

No downside risks (unlike surgery and drug therapies)
Huge focus in every conceivable area (healthcare, sports, military, prisons, corporations, government, law, now in education)



Research.....why you should care.....it's not just us telling you.....

Executive function is critical for success in school

- -decision making
- -goal orientation
- -planning (sequencing steps)
- -behavior moderation- getting along with others
- -complex planning

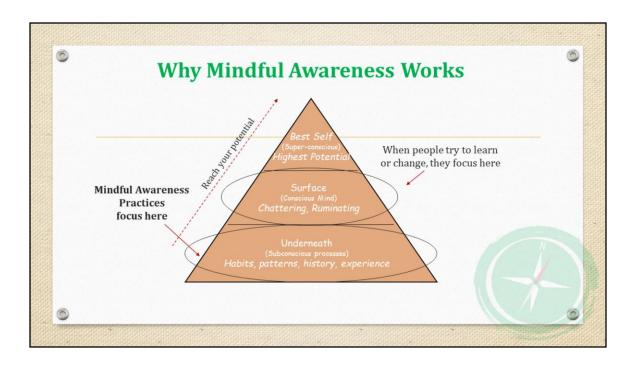
Improves working memory

(complex thoughts, emotional regulation, self and situational awareness)

## Cognitive resources are limited- if limbic arousal, best teachers best curriculum will not get through (or will be greatly reduced)

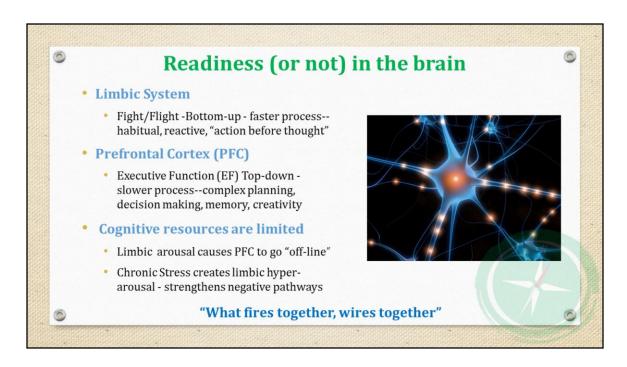
Epigenetic on/off switch-you may have cancer gene or heart disease gene but it's turned off.....turns out that lifestyle can effect the on off switch. We do not have all the answers about how this works, but preliminary studies suggest that mindful awareness can positively effect the on/off switch. In fact in one study, the genes that caused disease were shut off and the ones that enhanced health were turned

on. There was no downside to the practice... NONE  $\,$ 

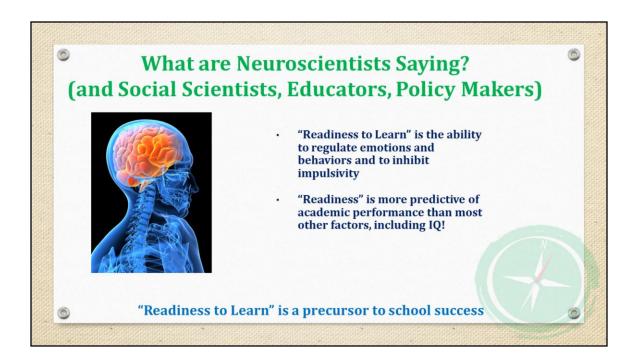


On the surface-people try positive thinking (only) or some people say just get over it. Just do it. Sometimes that works...often it doesn't and people are left wondering what's wrong with them. Then the chattering mind really goes to work.....what's wrong with me, why does everyone else seem happy, successful, healthy.....I can't do anything right.....

Mindful awareness works underneath the surface to help you recognize your habits and patterns to help make positive changes.



- Unfortunately we can't just turn on the "readiness" switch. We have to prime the brain to be in that mode.....by having a daily practice.
- Pruning system what traits we use more frequently becomes the norm and the brain naturally prunes away what we are not using. We can regenerate these traits but it takes time.
- "What fires together, wires together" making behavior more likely to be repeated (this is what keeps us up at night. If kids don't learn coping mechanisms when they are young, they will "wire" negative patterns of thought and behavior, making it more likely they will stay in that mode).
- When we focus on what's wrong, we get stuck. Right side of the brain is looking for the negative. If those are the neurons we fire, that's what we get, more negative.
- Practicing gratitude and looking for what's right wires those neurons together
  on the left part of our brain, and then we get more of what's right in our lives.
- Does this explain what you see in the classroom? (and this isn't just "bad" kids)



The challenges exist, but what are you facing in the classroom?

Kids may be sitting in their chairs but their minds are elsewhere. When a symphony plays they don't get on stage and just start playing, they warm up.

Mindful awareness is like warming up the brain to be present for lessons.

This is widely known, and the reason we have 30+ years of SEL programming.....Challenge is how is readiness developed and sustained?



Sleep deprivation is another factor which makes learning difficult. According to a 2007 study by the Center for Disease Control & Prevention, almost 70% of teens are not getting the recommended amount of sleep (less than 8 hrs). Lack of sleep is associated with poor concentration and impulse control, one of which is fighting and of course, what we see in the classroom, kids that are exhausted. It's difficult to learn when one is tired.

http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3060715/ is a link for the National Institute of Health - Mindfulness Based Approach to Treatment of Insomnia....Showing several studies showing the efficacy of mindfulness as a treatment for insomnia



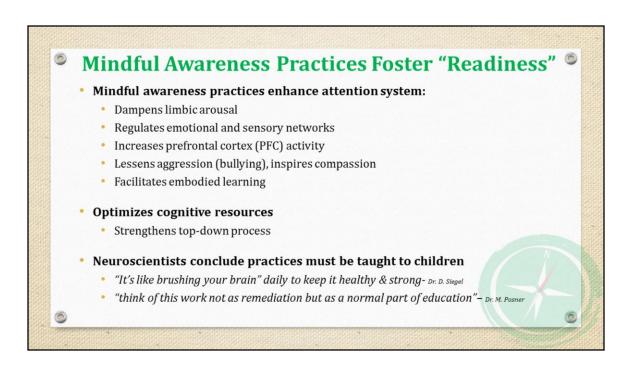
No one knows this better than you! You are the superheroes, managing what many times seems impossible; multiple languages and abilities in the classroom, addressing societal issues, and all the while bringing kids' achievement up with not enough hours in the day.



We know readiness is key, yet our culture, society and lifestyles seem to be creating the antithesis of readiness....chronic stress

Kids come to school preoccupied. They cannot focus until we get them in the present moment.

Too many neurons are engaged in other activities.



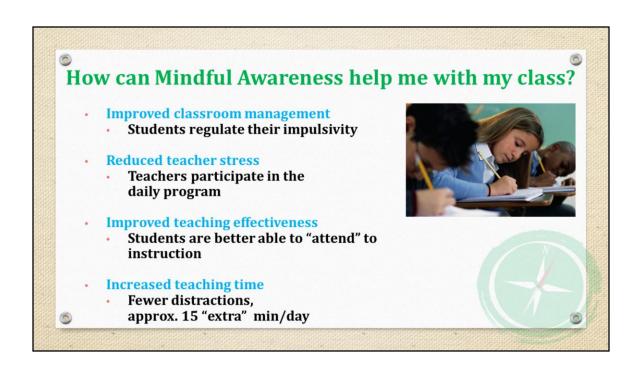
Like school breakfast program.....we know it works and needs to be integrated into the day.

Though Inner Explorer is not a mental health program, mindful awareness is a tool being used increasingly in therapeutic settings. There is a dearth of mental health services available to kids in public schools, particularly in low-income schools. Mindful awareness can help students learn to self-soothe, a very important tool indeed.



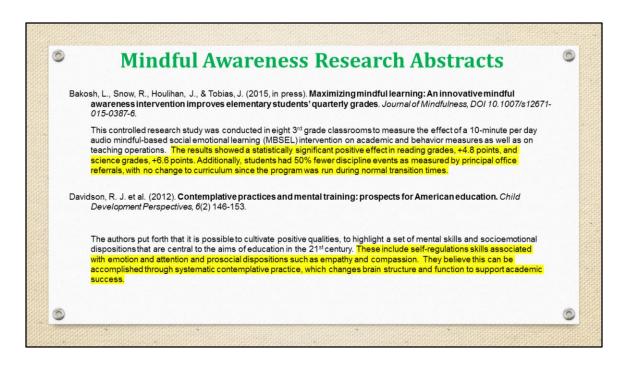
What can you expect in the classroom?

Let's hope that kids end up bringing the practice home with them and integrating mindful awareness both at home and at school.



In a classroom environment, it's so hard to try to implement another initiative. However, how about one that benefits the teacher as much as it benefits the students?

Classroom management is a positive outcome that comes with the daily mindful awareness practice.



The next few pages contain research abstracts that we have highlighted for you.

