



PREPBIZ TRAUMA-INFORMED SOLUTION

PROMOTING DISASTER
LITERACY & RESILIENCE
THROUGH INTEGRATION OF
IBM WATSON TECHNOLOGY

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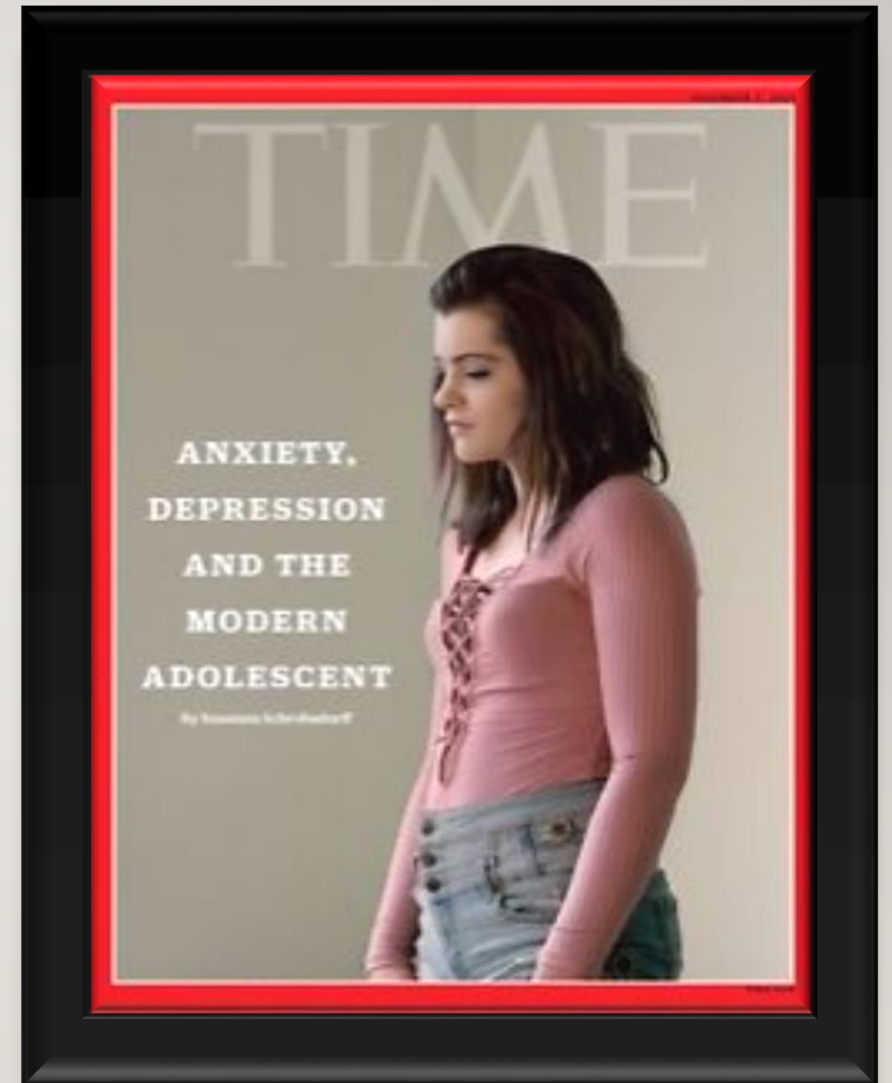
TRAUMA INFORMED

- Trauma informed means that individuals in organizations are educated on the causes and effects of trauma and understand the potential to re-traumatize individuals by providing services and/or interactions in a manner that is **not sensitive** to their experiences and needs.

COVERTIME MAGAZINE

(NOVEMBER 2016)

- In 2015, about 3 million teens ages 12-17 had at least one major depressive episode in the past year according to the Department of Health and Human Services.





Each year millions of children are impacted by disasters impacting their lives, families, schools and communities

Building Resilience

- Children who make it have more resources in their minds, bodies, families and communities
- The greatest threats to children happen when the adaptive systems that normally protect development are harmed or destroyed



Resilience is what enables children to emerge from challenging experiences with a positive sense of themselves and their futures.

Research has since established resilience as essential for human thriving, and an ability necessary for the development of healthy, adaptable young people.



RESILIENCE CAN BE PROMOTED USING GAME-BASED LEARNING

- Successful prevention programs alter the balance of risks and assets and introduce powerful systems and programs for human development
- Interventions that work often combines strategies that promote competence, confidence and connectivity with those that reduce problems.



THE CHILD MAY NOT
REMEMBER, BUT THE BODY
REMEMBERS!



THIS IS WHAT KIDS REMEMBER

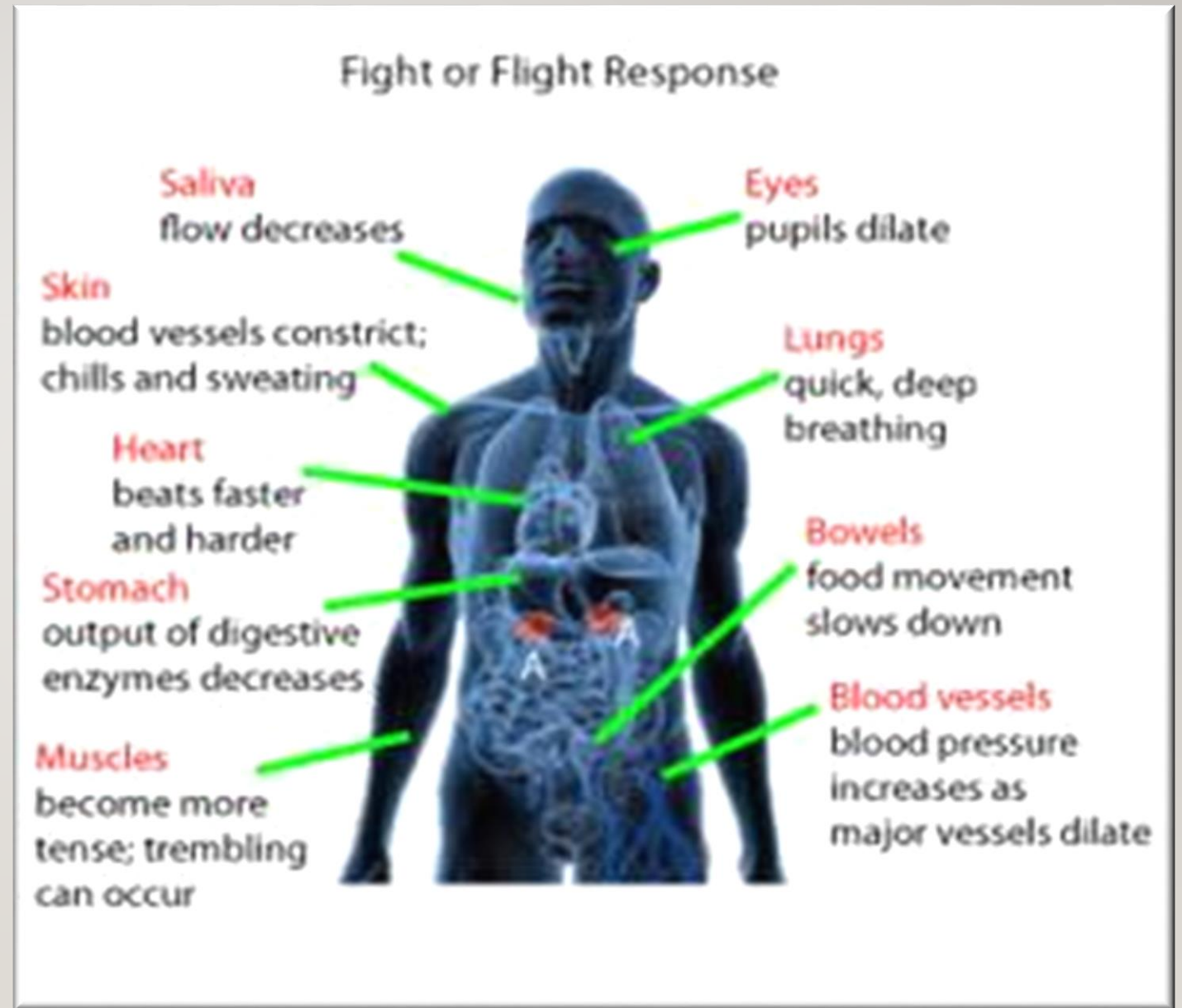




- Disaster trauma, especially when left untreated, has a devastating impact on the child's physical, mental, and emotional well-being.

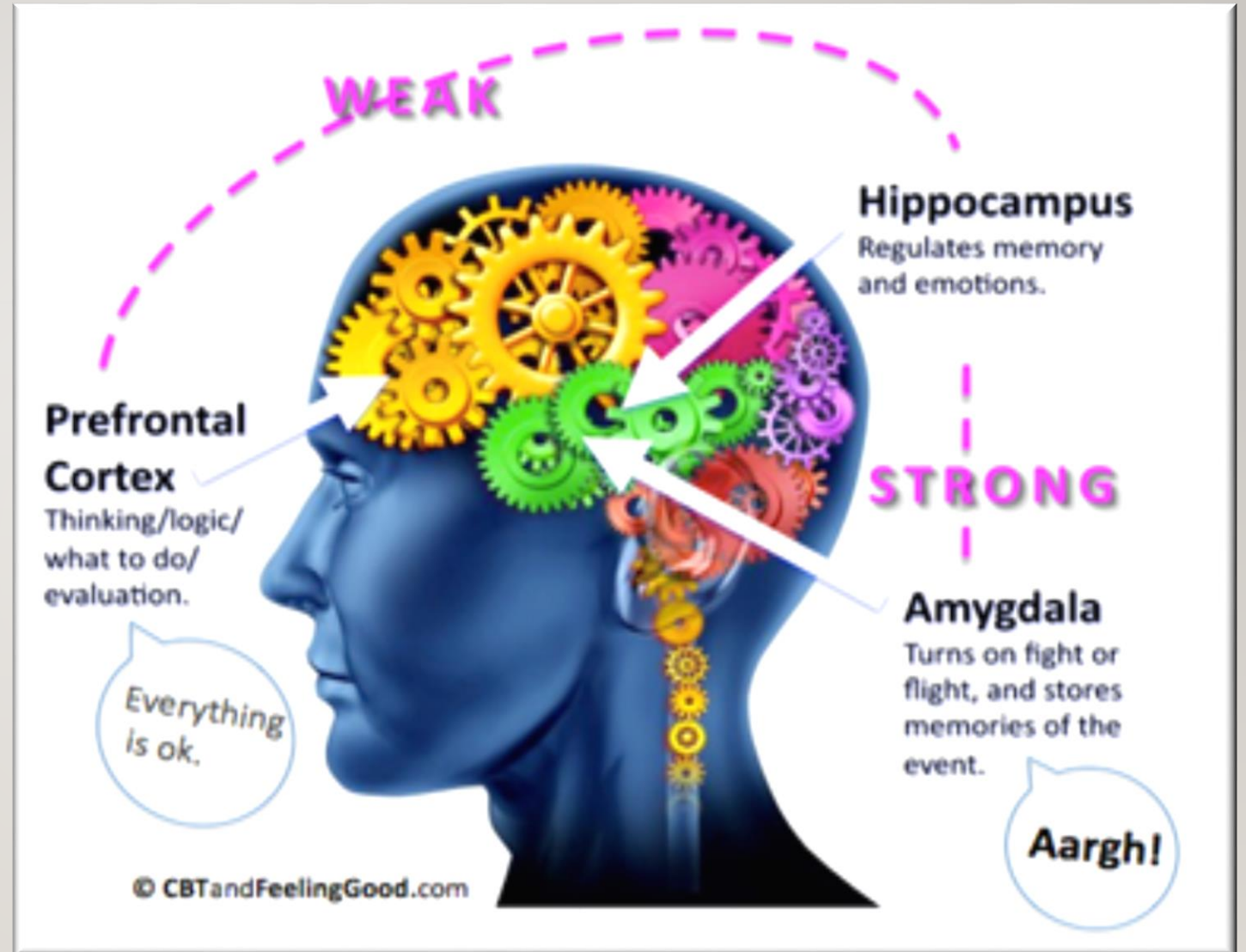
Consequences of Trauma

- Fight, flight, freeze response
- Hypervigilance, arousal, paranoia
- Perceptual and information processing distortions
- Pain tolerance
- Emotional blunting

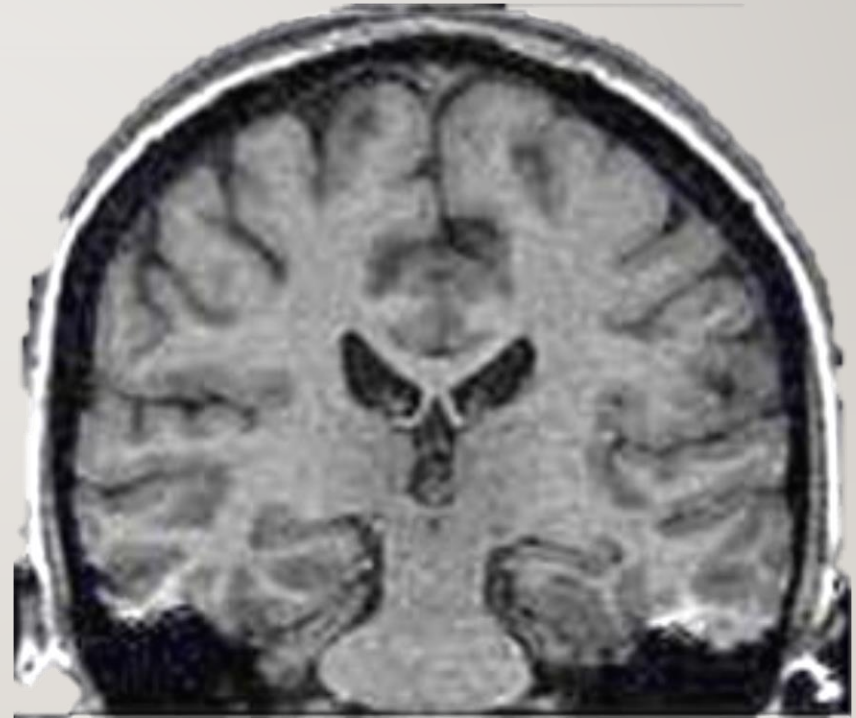
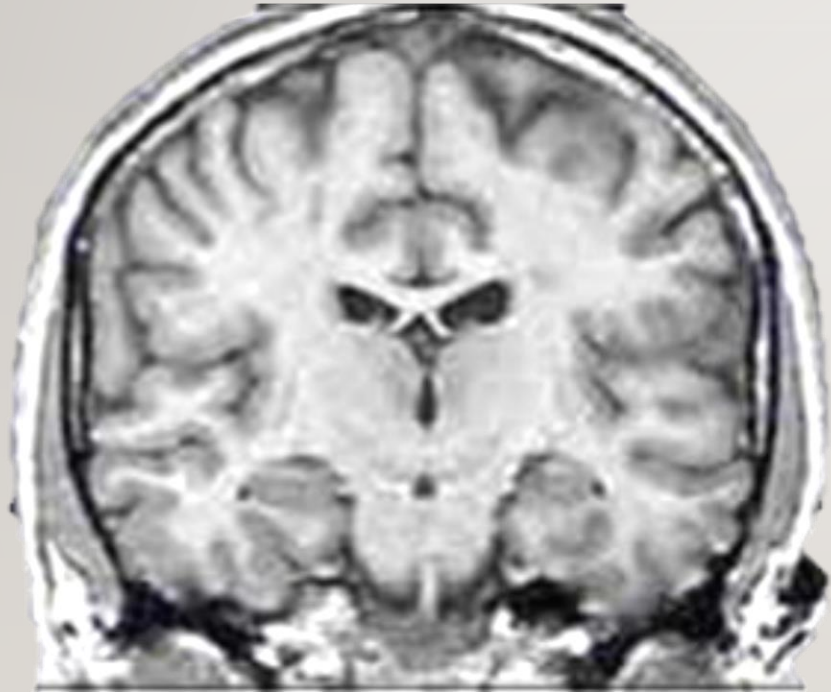


Decreased

- Memory processing and retrieval
- Reality testing
- Body and emotional awareness
- Immune response



Long-Term Brain Changes



Untreated child trauma is a root cause of many of the most pressing problems that communities face—problems for which parents, schools and policymakers are held accountable. These include:

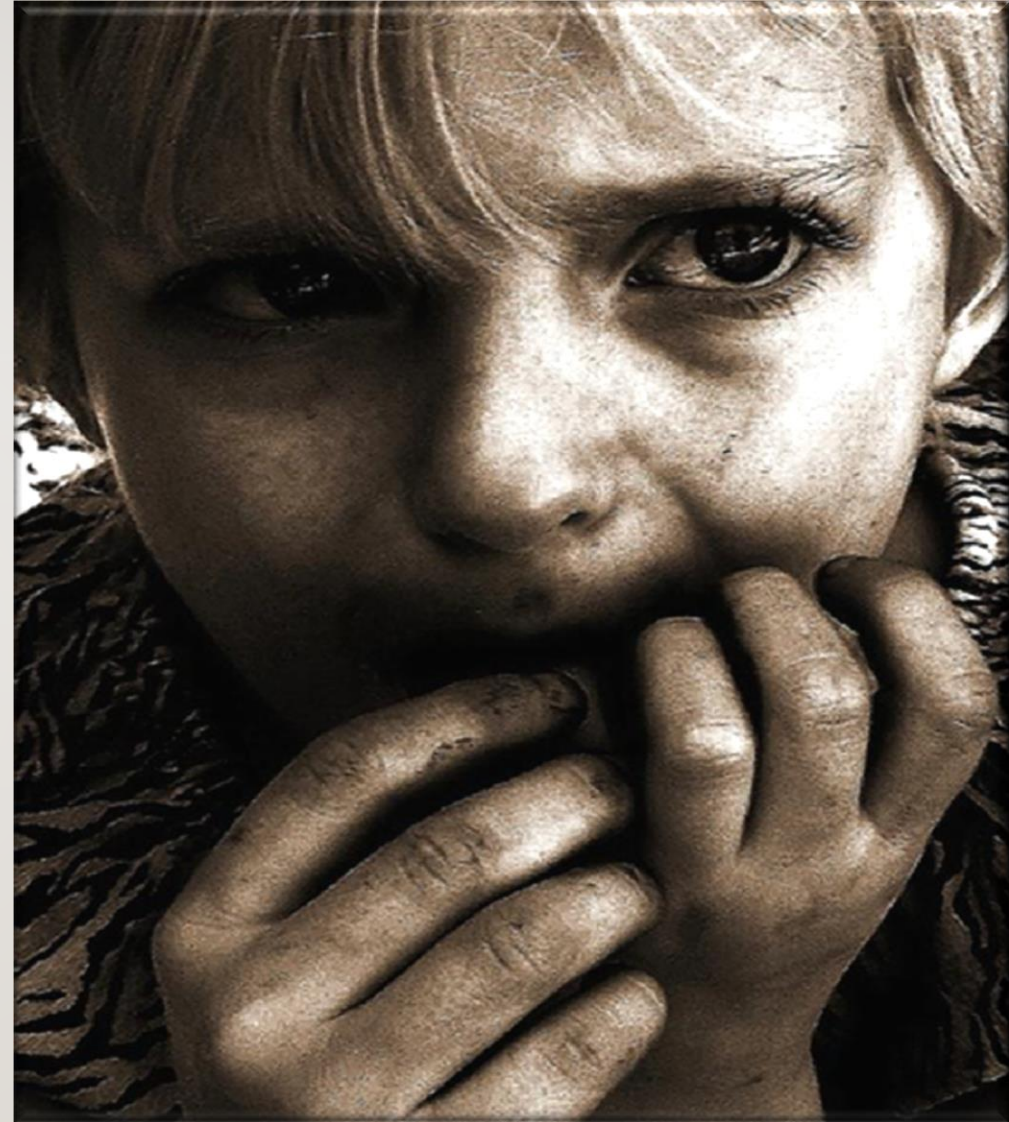
- Crime
- Risky Behavior
- Low Life Potential
- Low Academic Achievement
- Increased Absenteeism
- Increased Drop Out
- Poor Health Outcomes



Needs Met

Most kids who have been through a trauma will need one of three needs met or possibly all:

1. Physiological
2. Safety
3. Mental





What Gives Children Comfort When Afraid?

- 29% Stuffed Doll/Animal
- 23% Favorite Toy/Game
- 22% Blanket
- 22% Favorite Book/Reading Material

Thank You

For Additional Information

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