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SMART Learning Pathway

- SMART Online Training register through Plink 8 hours
- SMART 2 hour training facilitated by a local SMART Trainer
- SMART Day 1 Foundation (includes specialist packages ie Early Years, Refugees, Adolescents, Working with Aboriginal communities)
- SMART Day 2 Strategies (for the above as well)
- SMART Train the Trainer program 3 days
- Graduate Certificate in Developmental Trauma (24 F:F days, blended delivery available as well)
- Trauma Aware Schools Initiative

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examine brain development in children define complex abuse related trauma understand the impact of trauma on children's and young people's development and functioning develop strategies for working with traumatised children discuss whole school or service approaches to supporting traumatised children where the Managery April Balance is a property of the property of the

Key learning outcomes - success criteria

- develop an enhanced understanding of complex abuse related trauma, with a particular focus on its effects on brain functioning.
- apply a framework for responding to children who have been impacted by trauma
- build on practice skills and interventions which promote recovery for children in education settings.



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MART trategies for Managing Abuse Related Trauma

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Principles guiding this session

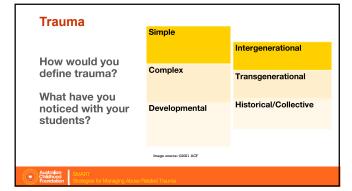
Your emotional safety is paramount
Our learning is about shared wisdom
Curiosity and learning build our brains



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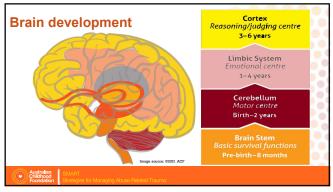


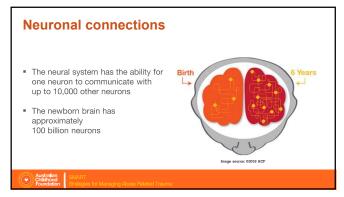




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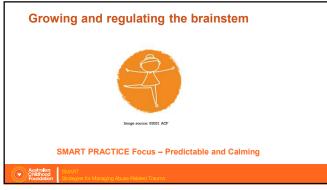
Provide opportunities for repeated experiences • ensure students have an opportunity to practice tasks over and over • provide encouragement when tasks are achieved as this will connect to the brains' reward system • include lots of physical activities that are repetitive – playing musical instruments, skipping, dancing etc • model positive relational connections, emotion, fun and relational attunement

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What the child looks like in the classroom? under or over dressed for weather conditions poor sensory processing may complain about lights, smells, how something feels, clothing or tags irritating them. too hot or too cold when others are not abnormal breathing





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What you might see in the classroom and playground | bruising from bumping into things | | clumsy | often falling over | | cannot catch a ball | poor spatial awareness with: | cannot hit a ball with a bat | objects around them | | with other children/adults | | Australian | SMART | | Curdinian | SMART | |

Growing and regulating the cerebellum	
Image source: ©2021 ACT	
SMART PRACTICE Focus – Predictable and Calming	
Astriphod SMART Statement	

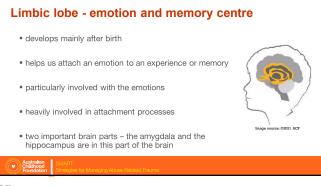


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The diencephalon under stress and trauma • becomes overwhelmed and cannot sort the information • is unable to send information to the memory and thinking parts of the brain – that pathway shuts down • it alerts the amygdala which sets of a sensory information response sequence What do you notice?







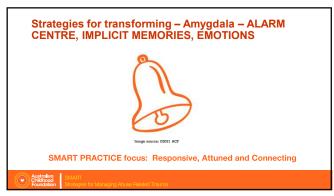
Amygdala Has three roles: Alarm centre - the 'smoke detector' of the brain Memory centre - processes & stores implicit memories Emotion centre - helps with emotional understanding and regulation MARI Temporal To Manager of Managery Alares Palated Tearres

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The amygdala under stress and trauma can be over active or under active can evoke reminders and flashbacks of the trauma (awakenings) may have difficulty in emotional regulation may have difficulty in reading facial expressions What do you notice?

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What you might see in the classroom and playground sensory processing concerns may feel overwhelmed and upset by loud noises, bright lights, being too hot or cold, changes in weather misunderstanding of others emotions difficulty in reading others facial expressions or body language unable to manage their own emotions – either may be big emotions expressed or may shut down may not understand why they have reacted in a certain way



Growing and regulating the amygdala

Provide activities that support emotional and social connection, understand the implicit memory needs and that calm and connect

- explicit emotional literacy teaching
- calm, sensory supportive environments
- support the child, reassure
- stay present provide safety





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Hippocampus

- explicit memory centre
- provides context to memories
- provides consolidation of information from short term memory to long term memory
- memory puzzle sorting centre



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The hippocampus under stress and trauma

- doesn't function properly it feels as if the trauma hasn't ended.
- reduction of hippocampal volume up to 25% as a result of high levels of cortisol
- working memory, retention and recall (retrieval) capacity is severely impacted



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What you might see in the classroom and playground

- forgetfulness student may not remember what do to in a task, or what was asked of them
- they may struggle with remembering how to do basic tasks – ie adding up or how to spell a word
- they may not remember to bring back items such as homework tasks, library books or excursion/camp forms



Image source: ©2021 ACF

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MART rategies for Managing Abuse Related Trauma

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Cerebral cortex - thinking centre

- the largest part of the brain
- associated with higher brain function such as thought and action
- examples of functions:
 - $\circ\, reasoning$

 - o logic o judgement
 - o voluntary movement



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Cortical areas under stress and trauma

Unable to:

- use foresight and anticipation, focus or sustain attention
- plan, organise or prioritise or make decisions well
- reflect or have self-awareness
- be enthusiastic, motivated or persist with activities
- use impulse control

What do you notice?

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The Prefrontal Cortex- executive function centre

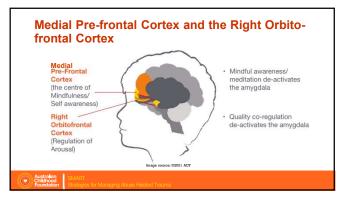
Final part of the brain to reach maturity in one's mid to late twenties

- self awareness
- reasoning and judgement
- foresight and anticipation
- focusing and sustaining attention planning organising and prioritising
- decision making
- reflecting
- enthusiasm, motivation and persistenceimpulse control
- working memory

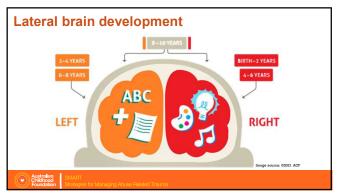


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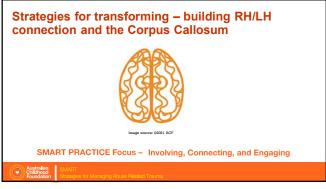




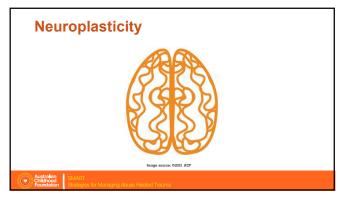


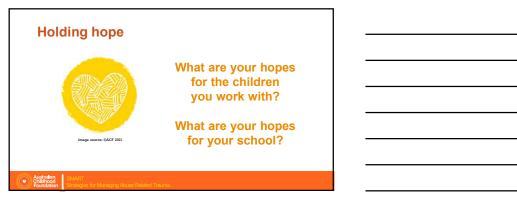
Will struggle to process the content of our words may not be able to speak or articulate will be tuned into the tone of voice, not the content difficulties with understanding and knowing feelings and articulating them difficulties with tuning into, understanding and responding to social cues in communication will be acutely aware of facial expressions, posture, gestures, intensity of movements and eye contact and searching for signs of disapproval, rejection & danger

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Day 2 Strategies – what's coming up in our next session... In Day 2 you will

- Be introduced to the Polyvagal Theory and the concept of the Window of Tolerance.
- Explore the different arousal levels and consider supportive strategies for each.
- Explore further the meaning of the behaviours we see in our students.
- Build a toolkit of strategies, focusing on the SMART Audit Tool

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