





Principles guiding this workshop

- We assume a knowledge of child abuse and mandatory reporting requirements.
- The emotional safety of participants is paramount in this workshop and for this group. All activities are optional.
- We acknowledge this can be difficult material for a range of reasons. Feel free to chat with your facilitator.
- Discussion and questions only enhance the session and knowledge sharing is really important.
- Abuse related trauma covers the impact of all forms of child abuse, including sexual abuse, physical abuse, emotional abuse, family violence and neglect.

Australian Childhood Foundation

4

SPACE STAGED Schools can respond PREDICTABLE effectively to the needs of traumatised children ADAPTIVE and young people, CONNECTED using the five key dimensions of the ENABLED acronym SPACE. Australian Childhood Foundation









Neuroplasticity – hope for healing

Neuroplasticity refers to the brain's capacity to:

Grow new nerve cells



Strengthen connections between nerve cellsSprout new connections between different cells

Image source: http://highesidence.com/its-all-in-your head-how-to-take-advantage-of-exumplication/ <u>https://www.youtube.com/watch?v=ELpfYCZa87g</u> Chatghood Chatghood Foundation













Australian Childhood

Strategies for transforming – brainstem & cerebellum: RHYTHM, BREATH, MOVEMENT

- include soothing and calming activities, safe containment
- movement based activities
 - include activities that have a rhythmic, repetitive element
- include activities that have a balancing element & gross & fine motor skills breath based activities
- conduct a sensory audit ie: is it too hot or too cold, too noisy? include proprioceptive and interoceptive awareness and activities

Australian Childhood Foundation





Strategies for transforming - diencephalon

conduct a sensory audit

- provide calm, positive sensory experiences
- provide regular and predictable brain and body breaks



What might help during transitions and at beginnings and ends of classes?

Australian Childhood Foundation

19



20



Australian
 Childhood
 Foundation



The amygdala under stress and trauma

- can be over active or under active
- can evoke reminders and flashbacks of the trauma (awakenings)
- will have difficulty in emotional regulation



Constantly 'firing' – can hijack the cortex (thinking goes offline)

What do you notice and what can you do?

Australian Childhood Foundation

23

Strategies for transforming – Amygdala

- Manage own reactions (stay calm & present)
- Don't rely on reason/thinking to reduce an escalation
- Regular outbreath activities
- Provide opportunities for rest and recovery
- Environmental audit (noise, smell, colour, person, situation).
 Re-entry to the classroom should be a safe and positive transition whenever possible.

Australian
 Childhood
 Foundation

Hippocampus

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

Australian Childhood Foundation

25

The hippocampus under stress and trauma

- Reduction of hippocampal volume up to 25% as a result of high levels of cortisol
- Can't place memories in time or place flooding & flashbacks
- Working memory, retention and recall (retrieval) capacity is severely impacted
- Narrative/autobiographical memory is affected

What do you notice and what can you do?

Australian Childhood Foundation

26





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 and what can you do?

Australian Childhood Foundation

29

Strategies for transforming – cortical areas • Safety and stability are essential pre-requisites for cortical

- access
- problem solving activities and strategies
- Support to map and plan activities
- games card games boards games strategy games
- voluntary movement activities table top drumming, clapping etc
- thinking and choice games "Would you rather?"

Australian
 Childhood
 Foundation











Brain area	Function	Activity ideas	
Brainstem & Diencephalon	Basic survival & sensory processing	Pacification or stimulation. Activities in the child's preferred sensory modality	
Cerebellum	Coordination of movement	Using music, rhyme and movement activities	
Limbic	Emotional processing	Building relational connection through plays, animals, games	
Cortex	Thinking processes	Linking experiences and sensations to words and descriptions	
Prefrontal cortex	Analytical and abstract thinking	Challenges and safe risk taking activities	
	Image source:	©2018 ACF	



















An introduction to the Polyvagal theory and neuroception Parasympathetic System Cues of risk and safety are continually monitored by our nervous system. Stimulates flow of saliva "Before we can engage in social behaviour and learning we must first feel safe." (Porges, 2015, p.115). Australian Childhood Foundation





























Framing Behaviour Support Plans

- Consider the function behind the behaviour what is the unmet need? What alternatives could we offer the child to meet this need in a different way?
- Can the behaviour be understood as a *fight, flight, freeze or withdrawal* response?
- What stresses or situation do we think trigger these behaviours, and which ones can we do something about?
- What skills can we help the child/young person to develop, to support them in reducing these behaviours?

Don't rely on consequences to promote behaviour change

Australian Childhood





Small, everyday moments of positivity can build to something truly reparative, given enough repetitions. Marina Dickson#childtrauma2016



Australian Childhood Foundation







