



The importance of you - Relationships are the most important factor in our development and in healing from experiences of trauma - Secure relationships are central to how a child experiences themselves and others

Take care of you today....

The content of this training can evoke strong emotions and may trigger personal experiences of trauma.

Please be mindful of your own wellbeing during this training and if you need support please do what you need to do to feel safe. We are happy for you to talk to the facilitator if you need to.



Image: Hellovector.com

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Our journey today....

- Importance of relationships and culture
- · Brain development
- Understanding the impacts of trauma
- Creating Safety
- 5 Parenting Systems
- Repairing the impacts of trauma all the way through today

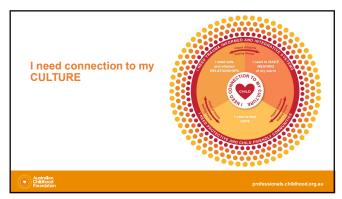


Image: Aboriginal Art Store

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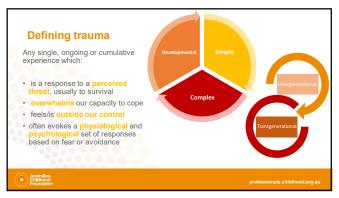


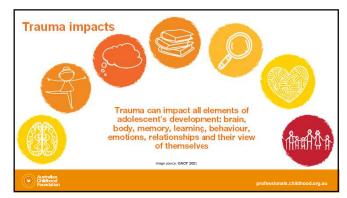








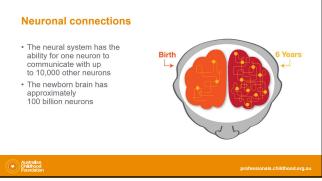


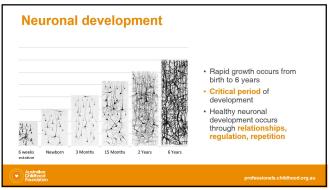


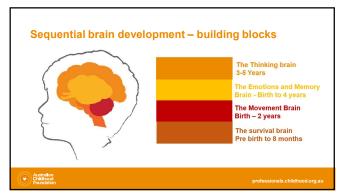


Brain development The brain develops through a mix of genetics and environmental factors. Key to this development are relationships The brain develops sequentially from the bottom up









Brainstem - basic life functions

- Basic life functions
- First part of our brain to develop
- This is the most developed brain part at birth
- Responsible for our heart beat, breathing, sucking, temperature control, blood pressure



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The brain stem under stress and trauma

- may experience fast or slower heart rate
- shortness of breath or breathing difficulties
- sleep disturbances and unsettledness
- sucking and swallowing and digestion difficulties
- may feel hot or cold or not notice changes in temperature

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Cerebellum- movement and balance • Helps us to know where our body is in

- Helps us with our posture and balance
- Helps us not to fall over and to control our
- movements
- · Has its own connective pathways between the 2 halves- cerebellar vermis



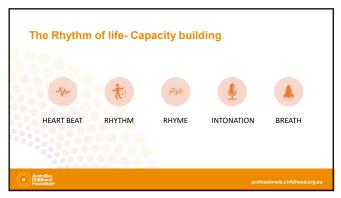
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The cerebellum under stress and trauma

- Difficulties coordinating cognitive processes such as planning & working memory
- difficulty in maintaining posture & balance
- difficulty in undertaking tasks that require balance
- lack of awareness of their body in space
- difficulty with voluntary movement tasks walking or writing

What do you notice and what can you do?

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Limbic lobe- emotional gateway

- The part of the brain that helps us attach an emotion to an experience or memory
- This part of the brain is particularly involved with the emotions of fear and anger
- Also heavily involved in attachment processes
- This area develops mainly after birth



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Limbic Lobe-Building Capacity

Relies upon attunement

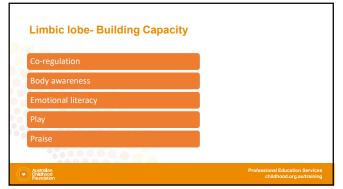
What is attunement to you?

The carer being the investigator: the connector, the nurturer, the container.

We look at emotional regulation more deeply in connection later...

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Reflection	
What are some things that you do to development?	o support your childs emotional
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Amygdala – smoke alarm Detects threat Develops from birth Learns by association Involved in implicit memory processes Professionals childhood org au

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
- will have difficulty in reading facial expressions



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

What do you notice and what can you do?

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Hippocampus – Brain's historian

- · Explicit memory system
- Develops approximately 2-3 years of age
- Provides context to memory and embeds long term memory



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Cerebral cortex- complex thinking • The largest part of the brain • Associated with higher brain function such as thought and action • Examples of functions: • Reasoning • Logic • Judgement • Voluntary movement

The prefrontal cortex- executive function

- Responsible for executive functions, such as judgement, reasoning, and self-awareness
- Final part of the brain to reach maturity in one's mid 20s
- Under reconstruction in adolescents from the age of approximately 12 years



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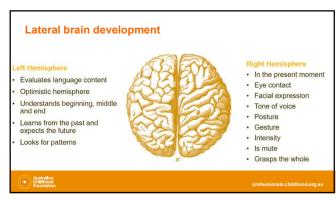
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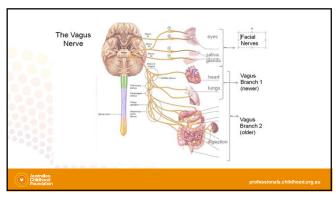
Strategies for building healthy brain development Brainstem & Basic survival & Sensory processing Sensory words and sensory modality Cerebellum Coordination of movement activities Limbic Emotional processing Using music, rhyme and movement activities Emotional processing Linking experiences and sensations to words and descriptions Prefrontal Analytical and abstract thinking Challenges and safe risk taking activities

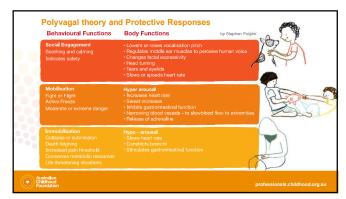
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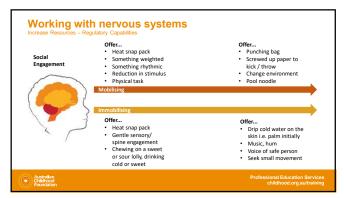


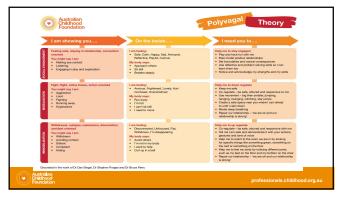
Containment- help me feel back in my body	Notice and name
Grounded- Help me feel present in the Here and Now. Present- Stay with me, help me know I am not	5 things you can see 4 things you can hear 3 things you touch/sense 2 things you can smell 1 thing you can taste
alone in my distress	

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Creating Safety A young person's corticol capacity is impaired by trauma-as a result subcortical functioning becomes dysregulated In order to regain cortical capacity, essential for learning, we must restore emotional regulation. How do we create: • Regulation (calm) • Engagement • Connection • Control

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Reflection

- What do you need to feel safe and secure with your KWY worker?
- What are the things that make you feel at ease?

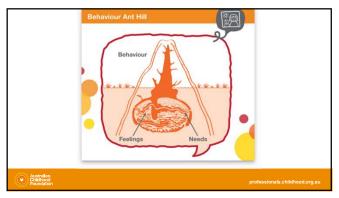
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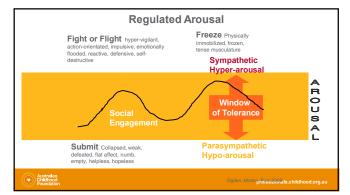
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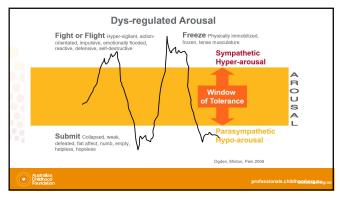
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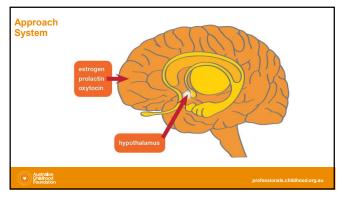




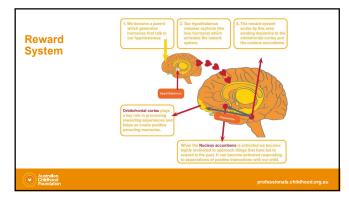


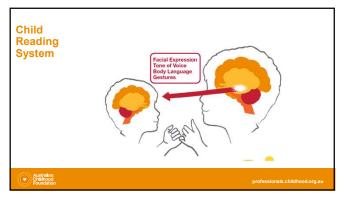


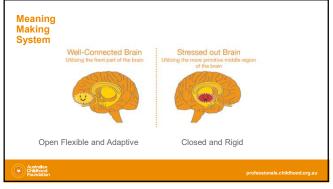


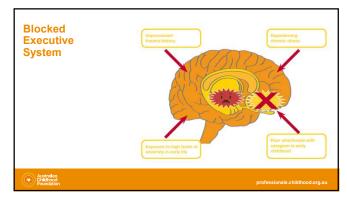


Early Adversity impacts our Parenting ability The environment we grow up in can shape how we use our right and left brain systems of avoidance and approach. If we begin life exposed to insensitive caregiving our right brained harm avoidance system is likely to be used a lot. Instead of feeling protected and connected with our caregiver, we are more likely to need to shift into a defensive state of protest or collapse in order to try to protect ourselves.













Safety and listening the child

- Model attunement
- Ensure that the child is seen and kept in focus throughout the assessment and that account is always taken of the child's perspective
- Are they ready-how long can you sit and wait
- Validate what the child is feeling
- Check meaning
- Make sense of what is happening for the child
- · What will have meaning

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PACE

- Playfulness
- Accepting
- Curious
- Empathetic



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PACE Helps

- The social engagement system come online
 Connect the prefrontal cortex (thinking brain) to the lower regions of the brain (emotional and survival brain)
- Calm the threat sensing amygdala by sending a message of safety.
 Connect children and their caregivers
- Aid the growth of regulation skills.

- Build the ability to reflect
 Develops the child make meaning of themselves, their stories and their behaviour.

 PACE uses all 5 parent brain systems (approach, reward, child reading, meaning making and executive)

Key considerations

- There is no magic wand!
- It takes time and patience: persistence and repetition is a must
- · You matter in this work!
- Your relationship with the child is key
- Each child is individual which adds to the complexity
- Trial and error is common
- A titrated approach is important



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Respect diversity in cultures and child rearing practices while keeping child safety paramount

Respecting diversity should be taken to mean 'having the same aims for people's wellbeing and safety but findings different ways to achieve them' that are more appropriate to the person's different perspective.

- Being child-safe respects cultural difference:

 thinks about safety and wellbeing concepts from a cultural perspective
- takes steps to develop cultural competence to respond in a culturally appropriate manner
- takes guidance from experienced others (for example, seek advice from recognised Aboriginal or Torres Strait Islander organisations in regards to the needs of children from these backgrounds), and
- approach family cultural contexts with sensitivity.

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