

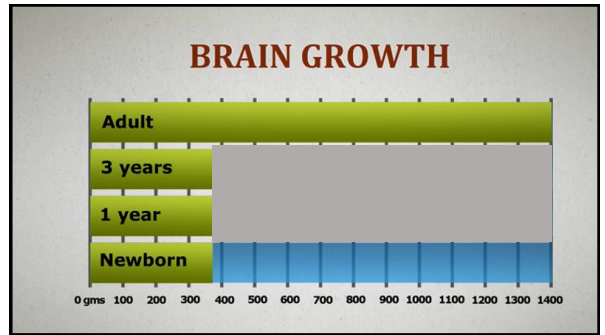
ENGAGE
MORE CONTROL | LESS IMPULS

The Neuroscience of Learning

PB4L Conference
14th August 2021

PRESENTED BY:
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MEdPsych
Neurosequential Model of Therapeutics Practitioner

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We are Born Malleable – Not Resilient

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HOW THE BRAIN CONNECTS

The More Repetitions = More Myelination = It Will Happen Faster
What We See/Hear/Feel More Often = What Our Brain Will Learn

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What does a dog say?

Think of..... One word a dog might say

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Learning Needs:

- Modelling (represented by gear icon)
- Opportunity to Practice (represented by handshake icon)
- Positive Feedback (represented by smiley face icon)

6

Learning cannot happen without the cognitive area of the brain available

le: We must be safe and calm to learn

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INTRODUCING THE BRAIN

UPPER/GREEN BRAIN

- Over-ride Impulses
- Plan
- Sequence
- Time Management
- Abstract
- Empathy

- Survival Tasks
- Impulsive
- Irrational
- 'Two years old'
- Selfish

LOWER/RED BRAIN

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ACTIVATING THE STRESS RESPONSE

Neuroception

"AM I SAFE?"

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ACTIVATING THE STRESS RESPONSE

INCREASED CHANCE GOING TO **DIE**

STRESSOR

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ACTIVATING CALM IN THE MOMENT = INCREASE SENSE OF SAFETY

Relationships

Status

Distraction

Sensory activity

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HOW TO KEEP THE SURVIVAL BRAIN CALM

Some

Boys

Have

Mullets

See me....

Show me I **B**elong...

Tell me what is **H**appening

Enhance my **M**ana

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I've Got Questions
Pia Teare & Kathryn Berkech

Podcasts

TEDx Talk

Watch "Neuroscience of Device Zombies" - Kathryn's TEDx talk

For More Information check out engagetraining.co.nz

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