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CEBM Pyramid of Interventions:

Part I - An Introduction

Catherine Korah, Behaviour Consultant CEBM co-coordinator February 23, 2024

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"Our kids are experiencing an emotional crisis. Children are more anxious, aggressive, and shut down than ever. We are seeing clear evidence of this in our schools, our homes, our neighbourhoods and our community spaces. The situation has become so dire that our newspapers are literally writing stories about elementary school-aged children punching, kicking and biting their teachers. The root cause of the emotional crisis and resulting behavioural issues we see in our homes, schools and communities every day is that children are **losing their feelings**."

Hannah Beach (2020) Kids Need a Safe Space to Fee

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Young or emotionally stuck immature students

Addressing student behaviour in a school setting

- · What kind of training do school staff get?
- Are the needs and profile of today's student different from what they once were?
- Are the expectations within the school code of conduct aligned with the realities of today's student?
- Are the conventional discipline practices (i.e. behavioural lens) still relevant in the actual context?
- Nowadays, what is needed to increase student attendance and success at school?

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Contributing factors

- · Loss of 'true' play, and reduction of time spent outdoors
- · Not enough respite (downtime, rest without stimulation)
- · Over exposure to screens, digital devices, social media
- · School and home divide
- Society's reflex to avoid discomfort and place the emphasis on 'managing' ourselves.
- School's focus on emotions done through a 'skill' based lens, which is not aligned with the nature of emotions, nor with their development.

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Maturation - Principles

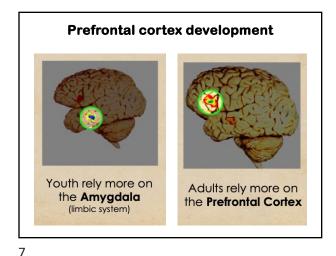
Judgment last to develop

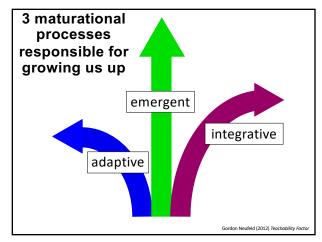
The area of the brain that controls "executive func
weighing long-term consequences and controlling is
among the last to fully mature. Besin development

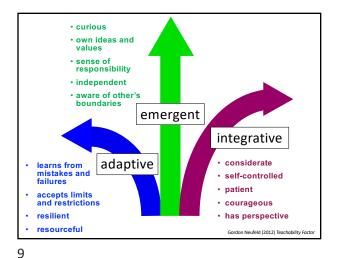
Image from the National Institute of Mental Health; Paul Thompson, Ph.D., UCLA Laboratory of Neuro Imaging

- Maturation is NOT inevitable
- Only in <u>ideal conditions</u> can a child be disposed to maturation (trauma can stint brain development)
- In those conditions the prefrontal cortex debuts its growth between 5-7 years old and continues well into the 20's and 30's
- If a child is hypersensitive the 5-7 gap of development will rather be at 7-9 years old

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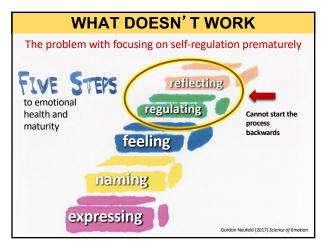
The IMMATURE child has a hard time:

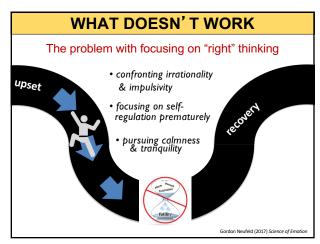
- Finding information efficiently and quickly (underdeveloped Cerebellum)
- Seeing the "whole" picture (under-developed Corpus Callosum)
- Tempering their <u>instinctual reactions</u> with conflicting thoughts and feelings. (under-developed Prefrontal Cortex)

As a result, they often KNOW better but <u>cannot</u> DO better as emotion overwhelms reason.

Behaviour will improve when maturation occurs, but this process takes time.

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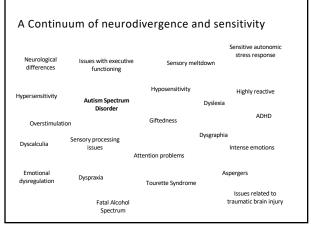




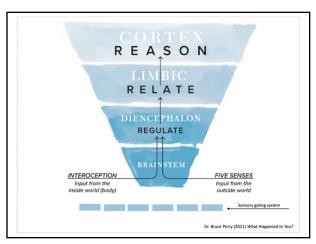
An immature student needs the adults to:

- Foster a sense of safety and belonging (maximizing the attachments)
- Adjust their expectations accordingly (developmentally friendly lens)
- Compensate for the immaturity (relying on structures and routines)
- Come alongside the big emotions (supporting through coregulation)
- Manage the circumstances to increase the student's success, rather than try to control the behaviour (adapting the support measures accordingly)
- Provide opportunities to feel and express emotions (through play)

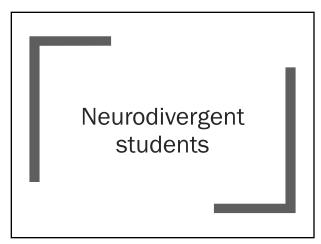
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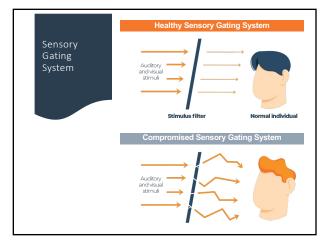
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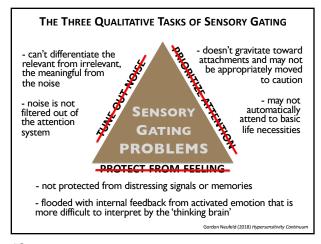
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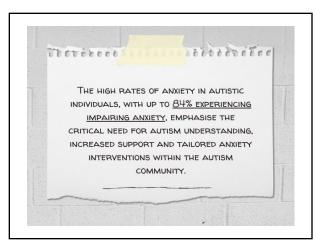
Emotional hypersensitivity and emotion regulation challenges

Neurodivergent individuals are:

- More easily affected and moved by their emotions
- More easily overwhelmed by their emotional experience
- More likely to be "stuck" emotionally:
 - Emotional intensity evokes more defenses
 - Intellectualization of experiences (escape of emotions)
 - Loss of tears necessary for adaptation

Adults typically attempt to calm the child in order to avoid emotional eruptions, which doesn't help the situation.

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WHAT DOESN'T WORK

Neurotypical expectations and masking

'Masking' is when a neurodivergent individual works to compensate, suppress or hide their natural qualities or differences. Adults need to be careful with:

- Setting up the physical environment without considering neurodiverse sensory needs.
- Expecting the student to manage well during transitions or in unstructured activities.
- Teaching neuro-typical based social skills (e.g. to give eye contact when being addressed, to stand in line in the same way as the other students, etc.)
- $\boldsymbol{\cdot}$ Trying to get a student to stop their stimming behaviour.
- Not being supportive of the student's deep interests.

WHAT DOESN'T WORK

Trying to reason, or talking too much (especially about consequences)

- Talking keeps the student dysregulated and in high arousal (flight or fight mode).
- When the student is in "survival" mode they <u>cannot</u> hear our words, just our tone.
- They can't process language (the words we are using) just keep hearing the TONE
- They can't remember the future (what will happen if they don't stop) – only feel the intensity of the present moment.

Waiting to hear: "And I've had it with you."

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A neurodivergent student needs the adults to:

- Create an **inclusive environment**, that helps students feel safe and supported in their individual needs and differences
- Adjust their expectations accordingly to safeguard from masking (neurodivergent affirming lens)
- **Compensate** for the <u>sensory gating problems</u> (reduce stimulation where possible)
- Come alongside the sensory-overload (acknowledge and validate the sensory differences)
- Manage the circumstances to increase the student's success, rather than try to control the behaviour (adapting the support measures accordingly)

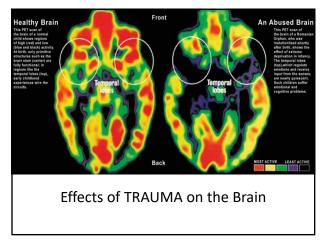
Complex-trauma students

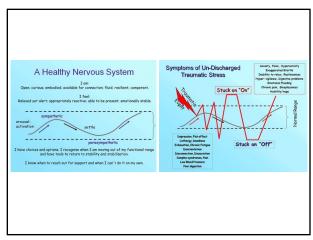


"Trauma is not what happens to you but what happens inside you".

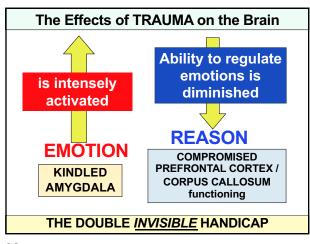
Gabor Maté (2022) The Myth of Normal

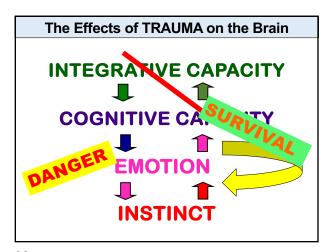
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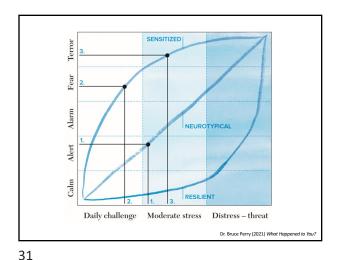


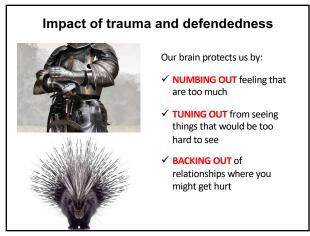
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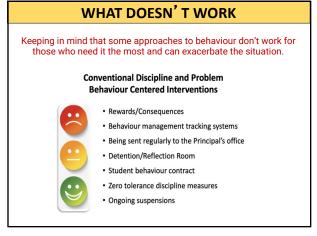


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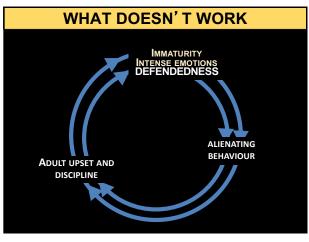




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needs the adults to:

Create a safe environment, that helps students regulate and feel supported in their individual needs

Adjust their expectations accordingly (trauma informed lens)

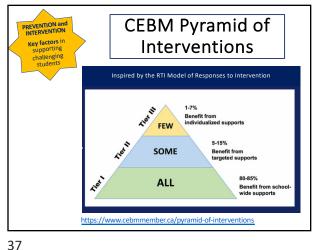
Compensate for the defendedness (relying on structures and routines)

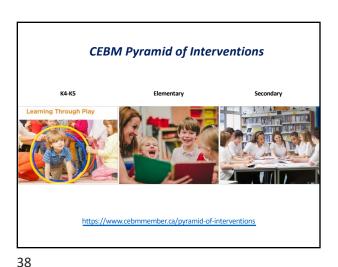
Come alongside the dysregulated stress response (supporting through co-regulation)

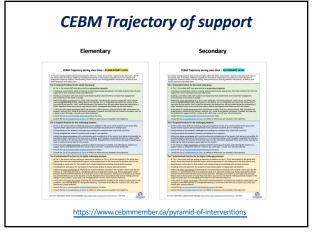
Manage the circumstances to increase the student's success, rather than try to control the behaviour (adapting the support measures accordingly)

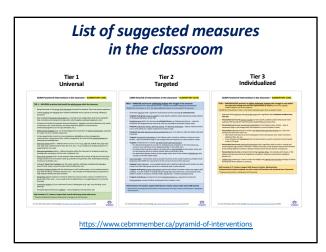
Provide opportunities to feel and express emotions (through play)

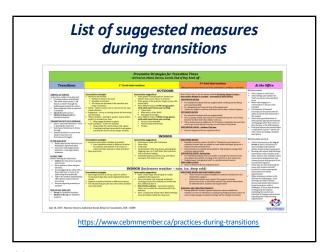
A student with complex trauma

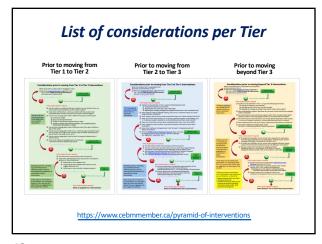


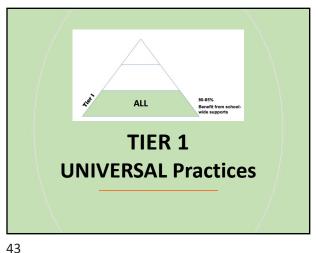












TIER 1 – UNIVERSAL Practices

- At Tier 1, the practices benefit ALL students:
 • the group as a whole in the classroom
 • the whole student population during transition times
- These are daily practices <u>lead by any adult</u> involved (teacher in the classroom, supervisors at recess/lunch, educators at daycare, etc.)
- · The focus is on PREVENTION:
 - ✓ Being intentional in the set up the physical and social
 - ✓ Using inclusive practices
 - ✓ Offering an array of tools and resources to answer to a range of needs and differences

https://www.cebmmember.ca/tier-1-universal-practices

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TIER 1 – UNIVERSAL Practices in the Classroom

- Classroom set-up
- · Teacher greeting and engaging students
- Structures and routines
- Introduce/model expected behaviours (visuals, play)
- · Differentiated pedagogy and inclusive practices
- Time spent on cross-competency skills and emotional literacy
- · Alternate seating and workstation options
- · Brain break activities
- Individual "Quiet Time" activities
- · Emotional release activities
- · Designated area in the classroom
- · Community projects
- · Outdoor opportunities

Attachment-friendly practices



Creating a Conscious Invitation into Relationship by Hannah Beach (Feb 13, 2020)

nscious-invitation-into-relationship



https://www.youtube.com/watch? v=kzvm1m8za5g

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MINIMIZING SENSORY INPUT

Be aware that your classroom decor may be overstimulating to a neurodivergent student. While the decor may appear fun to you, lots of bright colors with no place for the eyes to rest could be hard on the sensory system of ND students in the classroom.

Consider toning down the decor to include:

- fewer decorations
- less intense colors
- a place (perhaps towards the front of the classroom) where a child can rest his or her



You'll likely find a less stimulating classroom to be beneficial for neurotypical children as well as for ND students.

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MINIMIZING SENSORY INPUT

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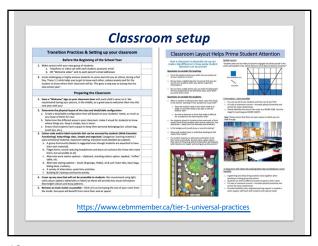


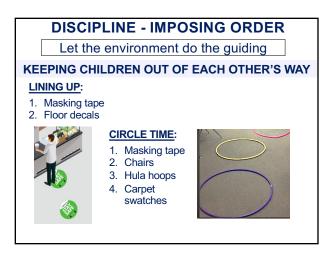


MODIFYING NEON LIGHTS

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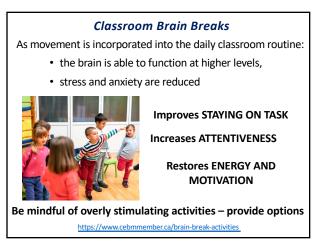


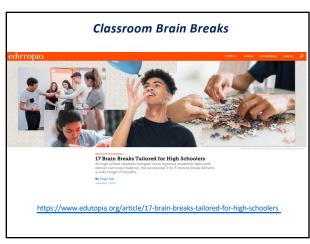






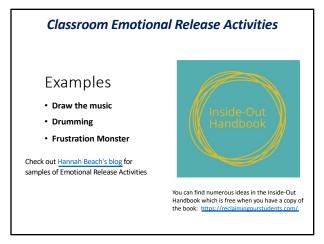
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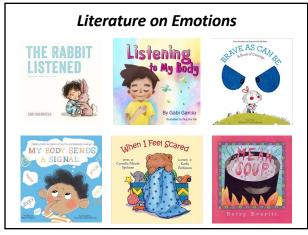






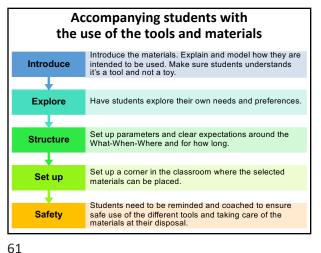


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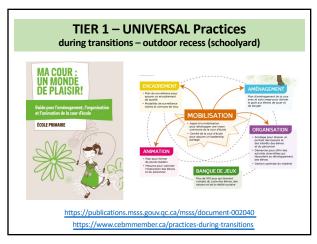




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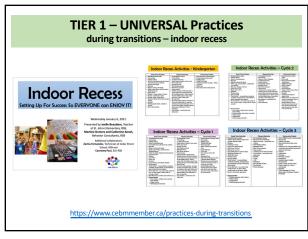


TIER 1 - UNIVERSAL Practices during transitions - outdoor recess (schoolyard) SCHOOLYARD ACTIVITIES AND LAYOUTS IN ELEMENTARY SCHOOLS Québec :::

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Presented by Catherine Korah, CEBM

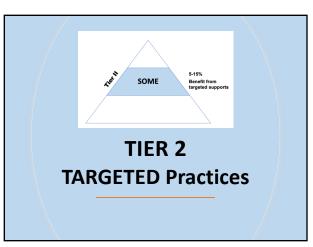
TIER 1 – UNIVERSAL Practices at Daycare



Being more intentional and reflective in the following:

- Physical set-up of the space
- Structures and routines
- Range of materials and activities available
- Adult-Student relationship
- · Adult supervision
- · Outdoor opportunities

• Etc.



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TIER 2 – TARGETED Practices

- At Tier 2, the practices are meant to be targeted to accompany some students who require additional support. Several of these measures can be offered in small-groups.
- These supports measures and accommodations are meant to be assigned to or scheduled for the student.
- Practices lead by adult in charge (e.g. teacher in the classroom) with the help of Support Staff, if available, or another assigned adult.
- The student continues to benefit from Tier 1 supports in addition to supplemental Tier 2 measures.

 $\underline{\text{https://www.cebmmember.ca/tier-2-targeted-practices}}$

TIER 2 – TARGETED Practices in the Classroom and School

- Check-ins with a significant adult
- Designated area within the classroom at scheduled times
- Assigned preferential seating, alternate seating/workstation
- Alternate classroom entrance and exit time
- Movements break stations in the hallway (in addition to classroom brain breaks)
- Scheduled time in another pre-determined supervised location (You've Got Mail, Foster classroom)
- Small-group support (academic/behavioural needs)
- Small-group emotion interventions
- Small-group accompaniment during transition times

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Student "Check-In" with a designated adult

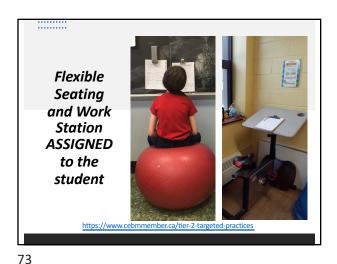




https://www.cebmmember.ca/tier-2-targeted-practices

Student Challenges Placemats

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COMPENSATE FOR IMMATURITY

PROVIDE EXTRA ORGANIZATION

- Provide routine and structure with visual schedule/prompts
- Organize tasks and materials minimal materials in desk
- Make it easy to access necessary materials pencils, work folder, paper, scissors etc. – have extra at hand
- Help with time management break tasks into manageable steps
- When doing groupwork, strategically choose groups
- Provide extra time and help for organizing assignments and studying for tests
- Homework keep to the essential identify what must absolutely be done

Help the student get through their day as successfully as possible.

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COMPENSATE FOR IMMATURITY

Short work periods to complete essential tasks may be all this student can handle.

When the student becomes agitated – provide an alternate activity – Personal Bin or permission to use the Kinesthetic hallway – if other children ask why he gets to "not work" – say, "He completed **his** work." This may help the student so that he/she does not disturb the group.

Better to be busy than in trouble



Quiet corner SCHEDULED for the student

https://www.cebmmember.ca/tier-2-targeted-practices

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CHANGE THE CIRCUMSTANCES that control the child

ANTICIPATE & PREVENT

- · Recess / Breaks
- ✓ With extra supervision
- Hallways
- ✓ Away from other students
- Bathrooms
- ✓ Under supervision
- Lunch time

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- ✓ In a quieter space
- Substitute teacher
- ✓ Make introductions or have an alternate "person" the child can be with



BE a TRAFFIC DIRECTOR (who directs away from trouble) rather than the POLICE (who gives a consequence for troubling behaviour)

USE TIME AWAY INSTEAD OF TIME OUT

KNOW YOUR LIMITS AND WORK WITHIN THEM

If you are starting to "reach your limit" with a student:

- 1. Send the student to another place
 - The "Quiet Area" in the classroom
- 2. Send the student TO SOMEONE with a "task"
 - a book or an envelope
 - ✓ Another adult Counsellor, Support worker, secretary
 - ✓ Nurturing Support Centre
- 3. Always go to the student and let them know that the relationship is still intact and that you will take care of them the next day.

"You've Got Mail" Transition with a Destination

"You've Got Mail" letters provide something tangible for a student to hold as they head to a predetermined destination for

Two types of letters are available:
• Active movement

Quiet activity



https://www.cebmmember.ca/tier-2-targeted-practices

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Foster Classroom

- Predetermined classroom for students who require this intervention
- Work station with work tools awaits incoming foster student
- Student is informed of this intervention, location is shown in advance
- Student comes with work from his/her classroom
- Student is informed on how and when

he/she will return to class

https://www.cebmmember.ca/tier-2-targeted-practices

Student Individual Bin

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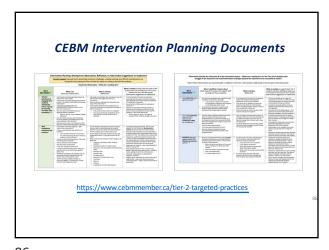
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- · activities to engage the student if they need a moment of respite
- less demanding educational work
- can be easily transported to another location or another room

https://www.cebmmember.ca/personal-bin

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Structured smallgroup games and activities accompanied by an adult.

 $\underline{\text{https://www.cebmmember.ca/practices-during-transitions}}$

Supported Recess



- Identified students are part of this intervention practice
- An adult meets them at a predetermined location (or collects them along the way)
- An area of the playground is 'reserved' for the Supported Recess group
- Rules are explained, adult coaches, supervises the games and sportsmanship is encouraged

https://www.cebmmember.ca/practices-during-transitions

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Extended Recess

- Identified students meet the support staff 10-15 minutes prior
- They are given additional recess time as it is deemed that they benefit with more time to expend their pent-up energy and release frustrations
- Prior to going outside, the student is coached with specific cues to help them do their best when playing and interacting with others when they come outside to



https://www.cebmmember.ca/practices-during-transitions

Supported Lunch

EATING TIME:

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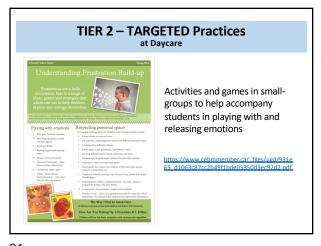
- Some students require close supervision when they eat their lunch
- Coaching to stay in their place when eating, cleaning up their area prior to leaving, overall table manners
- Some require a location that is less noisy than a cafeteria, has less people and less smells

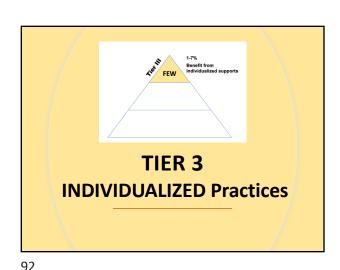


OUTDOOR PLAY TIME:

 When it comes to playtime, they're able to join the group

https://www.cebmmember.ca/practices-during-transitions





TIER 3 – INDIVIDUALIZED Practices

- At Tier 3, the practices are meant to be individualized for the few students who require more intensive support and who do better in a one-to-one setting.
- These accommodations and adaptations are tailored to the student's individual needs and interests. The student may require an adapted schedule as well.
- A collaboration is needed between the school team, the board consultants/professionals, the parents, as well as outside partners (if present).
- The student continues to benefit from T1and T2 supports in addition to supplemental T3 measures.

 $\underline{\text{https://www.cebmmember.ca/tier-3-individualized-practices}}$

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TIER 3 — INDIVIDUALIZED Practices with the help of Support Staff and/or Professionals

- Systematic daily check-ins and end-of-day recap
- Individualized support (academic/behavioural needs) Formal and explicit PLAN
- Personalized adapted schedule in another predetermined supervised location (Nurturing Support Centre)
- Personalized one-to-one emotional interventions and opportunities for emotional release (Emotions Room)
- Personalized one-to-one accompaniment during transition times (buses, hallway, recess, lunch, daycare)

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Systematic daily student "Check-Ins" with a significant adult



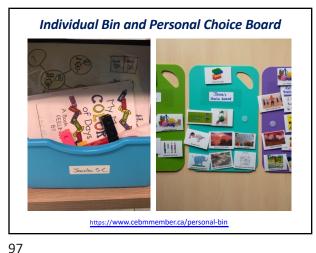
https://www.cebmmember.ca/tier-3-individualized-practices

Adapted Schedule – including personalized support measures

- Personalized schedule used outside the classroom, including:
 - Respite/Reset time
 - Physical movement Breaks
 - Emotional support
 - Etc
- Includes structure and routine by the adult.
- Includes choices for the student.
- Models routine similar to the classroom.

https://www.cebmmember.ca/tier-3-individualized-practices

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Nurturing Support Centre (NSC)

- · Provide student with passes to visit the NSC, to work, to talk, to have supervised 'alone time'
- Participation in 'interest clubs' with adult supervision during recess and lunchtime
- Sheltered recess and/or sheltered lunch in a predetermined location (small group) - orchestrate the schedule to 'divide & conquer' clusters of students who struggle together

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https://www.cebm.ca/nurturing-support-centre

EMOTIONS A PLACE TO LET IT OUT 'calming down' will come naturally **ROOM** once the emotion has been released POOL NOODLES BUBBLE WRAP FOR THROWING https://www.cebm.ca/emotions-room

CEBM Intervention Planning Documents

https://www.cebmmember.ca/tier-3-individualized-practices

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TIER 3 – INDIVIDUALIZED Practices during transitions Personalized support measures for: · Transitions/Hallway • School yard • Lunch time Daycare · School bus https://www.cebmmember.ca/tier-3-individualized-practices

Morning Entry -**Sheltered Homeroom**

- NSC/Intervention Room at the start of the day as they are unable to cope with morning entry routine in the class group - both on a behavioral and emotional level
- Staff help student navigate their day and anticipate struggles ahead
- Provide encouragement and support for the day in manageable pieces.
- Support staff informs teacher of student's emotional state be allies, support the student together!

https://www.cebmmember.ca/ tier-3-individualized-practices



Sheltered Recess



https://www.cebmmember.ca/ tier-3-individualized-practices

- Identified students come to NSC/Intervention Room because they are unable to cope within large groups on a behavioral and emotional level
- Some students require this support a few days/week, while others require this fulltime
- Coaching and intervention take place in order to help them learn skills that will help them return to the larger group

Sheltered Lunch



https://www.cebmmember.ca/ tier-3-individualized-practices

- Identified students come to the NSC/Intervention Room during lunch because they are unable to cope within the larger group on a behavioral and emotional level.
- Provides a safe calm place, where social interactions are emotionally safe.
- Adults supervise and coach appropriate interactions to help children experience, learn and grow.
- It is important that there be a schedule for Sheltered Lunch, some require a 'shelter' a few days/week, others require more.
- The schedule should be posted in a predetermined location for all to see.

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Sheltered Lunch

- Students have access to games and intervention materials
- Enquire whether students know how to play the different games or how to build or make creations with the different materials.
- Offer to help, provide a demonstration to help them get started.

 $\underline{\text{https://www.cebmmember.ca/tier-3-individualized-practices}}$



End of Day – Sheltered Recap

- Students who come to the NSC/Intervention Room require additional support than what their classroom teacher can offer.
- The 'Sheltered Recap' (20 30 min, last period of the day) enables the student to leave their group when all is calm in the school
- Review the day, break it down in segments. Help the student find words to express and manage their frustrations.
- Congratulate the day's efforts and solicit their good intentions to continue the next day.

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https://www.cebmmember.ca/tier-3-individualized-practices

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TIER 3 – INDIVIDUALIZED Practices

Sheltered Daycare



Schedule example:

2:20-2:25: pick up in classroom

2:20-2:30: attendance in NSC

2:25-2:35: snack

2:35- 2:55: activity

2:55-3:05: clean-up & get dressed

3:05-3:35: outside with daycare

The **fundamentals** of the CEBM Pyramid of Interventions

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Based in research and evidence practices

- 1. Attachment-based developmental paradigm Gordon Neufeld, Deborah MacNamara, Hannah Beach & Tamara Strijack, Mona Delahooke, etc.
- 2. Research on the human brain (neuroscience) and its impact on emotion - Jay Giedd, Laurence Steinberg, Steven Porges, Daniel Siegel, etc.
- 3. Trauma research Bruce Perry, Bessel Van der Kolk, McCrory, Gabor Maté, Reggie Melrose, Edmiston & Jackowski, etc.
- Neurodiversity-affirming practices in education Judy Singer, Devon Price, Alfie Kohn, Mona Delahooke, Amy Laurent & Jacquelyn Fede, Megan Mott, etc.
- Research on play and its benefits for brain development and learning Jaak Panksepp, David Elkind, Peter Gray, Iain McGilchrist, Pellis & Pellis, Lillard & Else-Quest, etc.

It's about giving priority to the prevention work.

- Students typically don't respond well in crisis intervention and it is quite difficult to make headway in those circumstances, because they are:
 ✓ Indisposed and not receptive when under stress

 - ✓ Not accessible when disengaged/disconnected from the adult(s) intervening.
- A student's success depends on:
 - Sense of safety, building attachment (requires conducive conditions)
 - ✓ Structure, routine and predictability
 - \checkmark Introduction to tools/supports, exploration and practice
 - ✓ Growth happens in moments of rest

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It's about making sense of the behaviour at its root, rather than staying focused on managing the symptoms.

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It's about considering all the elements involved. · Age and developmental maturity · Inherent sensitivity · Life stressors/trauma **STUDENT** Attachment depth **ADULT** CONTEXT RESPONSE Adult stress level Insight on the student and the context · Environmental stressors · Child emotional state/intensity • Reflective vs. Reactive · Instinct driven to defend and protect Type of verbal and • Engagement/receptivity to the adult non-verbal responses

It's about **having mirrors** in addition to the lenses.



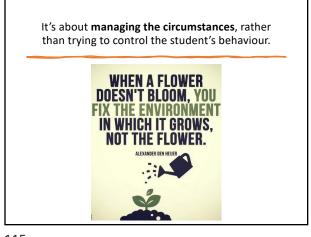
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It's about having faith in the developmental process, rather than trying to 'tug-and-pull' at it. **BEHAVIOUR CHANGES WHEN...** Sensory - Stress Response Behaviour changes when the body/brain is feeling safe Attachment Behaviour changes when feeling connected to a nurturing adult **Vulnerability - Emotions** Behaviour changes when emotions are felt **Maturation** Behaviour changes as the brain matures

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It's about addressing the fundamental needs

SAFETY/REST: helping the brain become regulated and receptive

BELONGING: providing nurturing and safe relationships

 $\begin{picture}(c) \hline \textbf{FEELING EMOTION}: inviting the whole range of emotional \\ \hline \end{picture}$

expression

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PLAY: making space for true play

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It's about the power of teamwork

- Sharing the responsibility of the student and class group (each adult having a complementary role to the other).
- Sharing the weight of the challenging students (ex. 'You've Got Mail' intervention, Foster Classrooms, Nurturing Support Centre, etc.)
- Communicating with one another so all involved are in the 'know' of certain student profiles and relevant situations that have come up.
- Receiving the **collaboration and support** of school board personnel and outside services.

Centre of Excellence for Behaviour Management www.cebm.ca

ABOUT US PROJECTS PRACTICES LEBRAY DEVIS PROJUCCES CONTEX PROJECTS ADDRESS OF THE CENTRE OF EXCELLENCE FOR BEHAVIOUR MANAGEMENT (CEBM)

Welcome to our stalt As a support to the 10 English School Boards of Outstee. The CEBM aims to enable boards and their staff to find developmentally friendly and trauma informed interventions that are effective in hipping students who are struggling with behavioural challenges in the school setting.

CEBM RESOURCES CENTER Framework for Student Support

Makes sure to visit the CEBM RESOURCES CENTER (formerly known as the member's section) https://www.cebmmember.ca

* Scan size to accessed from the more to be at the top right of this wellopus

Also visit the CEBM Resource Center https://www.cebmmember.ca/

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