# In The ZONE: A Framework for SEL & Self-Regulation Strategies for Students with Autism



Virginia Occupational Therapy School Symposium Virginia Beach, VA.

March 10, & 11, 2017

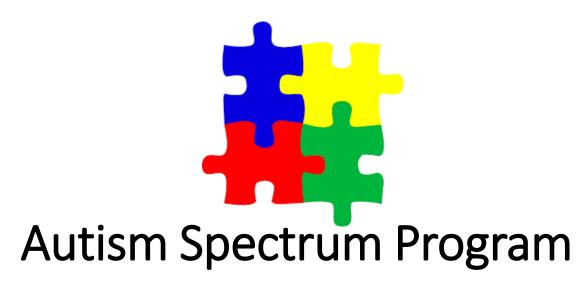
Presenter: Evelyn L. Zirkle, MS OTR/L

**SECEP Occupational Therapy Coordinator** 



#### **Regional Public School Program**

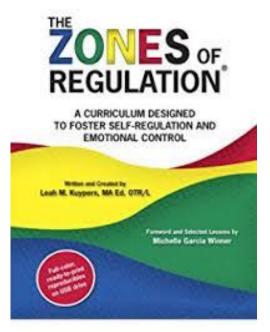
- Students with Moderate to Severe Behavior Problems
- OT focus on antecedent strategies in ABA based instruction
- OT services focus on strategies for coping with frustration, sensory supports, and reducing maladaptive behaviors.



- 2014-2015 OT introduced ZONES with SECEP ASP students individually & on whole class basis at several sites
- ASD program Approx. 8 students in a class; Self-contained & some with Inclusion
- OT and/or OT- Speech Co-Teach
- Chosen for its visual and user friendly language

#### **Presentation Goals**

- Review the ZONES of Regulation curriculum and how it combines sensory & cognitive behavioral strategies for social-emotional learning and selfregulation in a classroom.
- Review the use of power point presentations and other visual supports to engage attention and facilitate comprehension in students with ASD
- Review use of activity based groups with the Zones
- Practice deep breathing as a fundamental calming technique.
- ID strategies for calming and alerting, such as Calming Sequence, Yoga, & Life Moves.



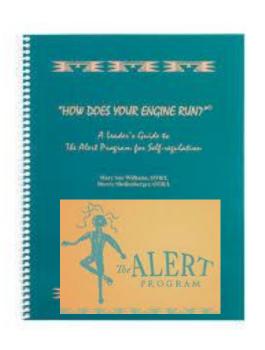
#### The Zones of Regulation:

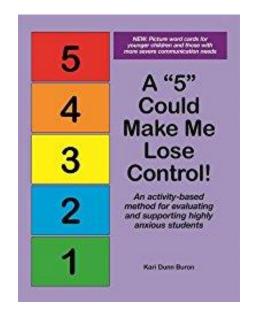
A Curriculum Designed to Foster Self-Regulation & Emotional Control Written and Created by Leah M. Kuypers, MA Ed., OTR/L

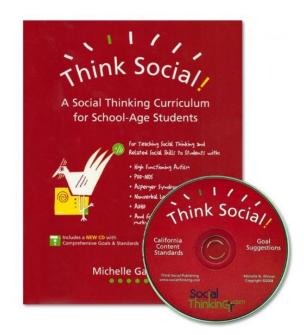
Thinking Social Publishing (2011)

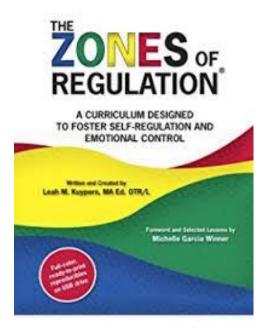
Selected Lessons by Michelle Garcia Winner from her Social Thinking and ILAUGH program.

### Works that Influenced The ZONES

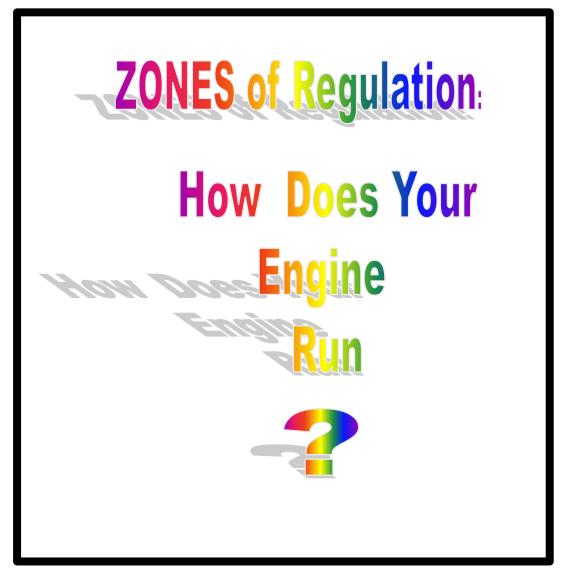


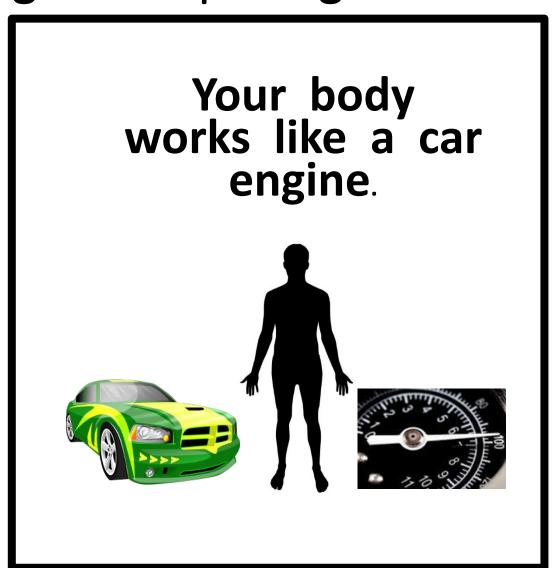






# ZONES & The Alert Program Social Story: Combine sensory & language concepts together

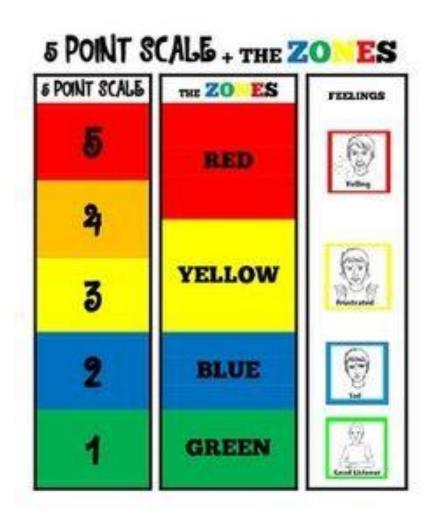




# Incredible 5 Point Scale: Combined with the Zones

 Two tools can be integrated to work together.

 Teach flexibility by reassigning the colors:

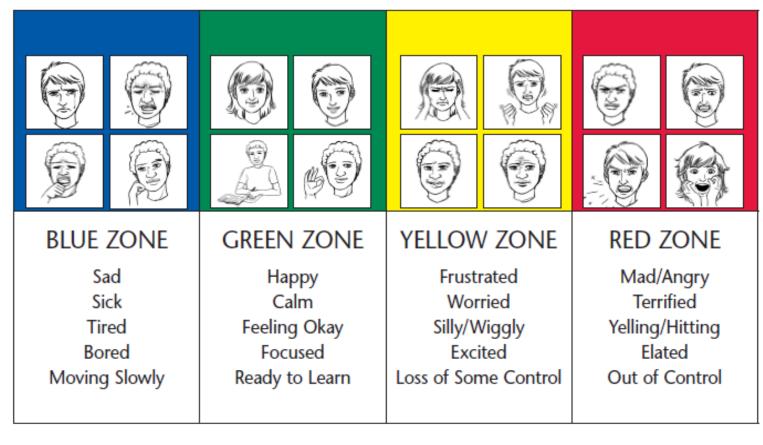


#### **GOALS of THE ZONES**



- ID emotions & the relationship to 4 specific zones
- ID own body's cues and related Zone (Physiological; Alertness level)
- ID triggers that lead to dysregulated states
- ID how emotions, thinking processes, sensory and physiological needs,
   and the environments that can influence the related Zone
- Introduce Social Perspective Taking

## The **ZONES** of Regulation®

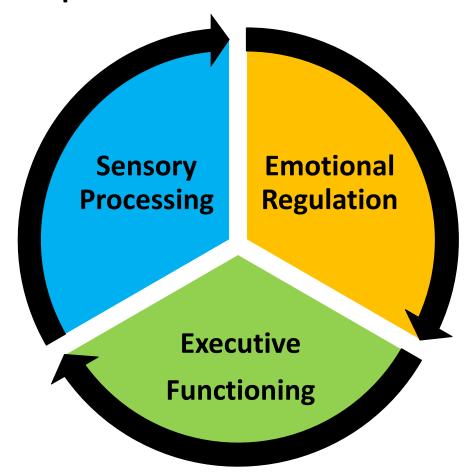


The ZONES is a conceptual framework to teach self-regulation



#### **SELF-REGULATION:**

The ability to do what needs to be done while in optimal state for the demand



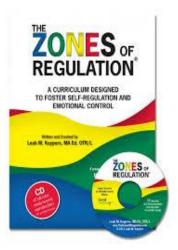
The ZONES of Regulation integrates (3) critical neurological processes: executive functioning, emotional regulation, & sensory supports.

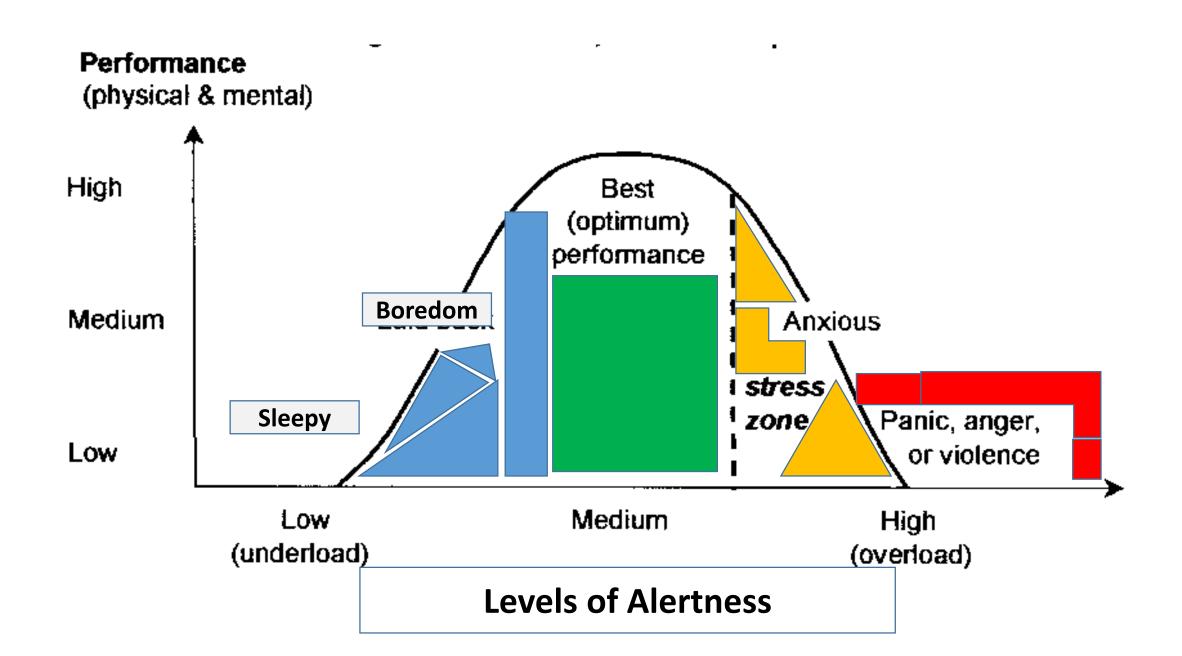
The ONE of Regulation				
BLUE ZONE	GREEN ZONE	YELLOW ZONE	RED ZONE	
Sad	Нарру	Frustrated	Mad/Angry	
Sick or Hurt	Calm	Worried	Terrified	
Tired	Feeling Okay	Silly/Wiggly	Yelling	
	Good	Grouchy	Too Silly/Wiggly	
Bored	Focused	Excited	Elated	
Moving Slowly	Ready to Learn	Anxious	Hitting	
Shy	Good Listener	Jealous	Extreme	
Exhausted	Proud	Confused	Emotions	
Depressed	Relaxed	Embarrassed	Out of Control	
		Upset		

### **Key Components of The ZONES**

- Inspired by The Alert Program & Incredible 5 Point Scale
- Cognitive Behavioral Approach
- Conceptual Framework
- User friendly language
- Breaks down abstract social concepts into concrete visuals
- Focuses on building skills with underlying problems

- ID Levels of alertness
- ID Emotions
- Social Perspective Taking
- Sensory Strategies
- Calming Strategies (deep breathing)
- Thinking Strategies (EF):
- Teaches impulse control & problem solving skills





## **Categorizes Emotions into 4 ZONES**





- Zones describe how your brain and body feel
- Blue Zone Body running slow, such as when tired, sick, sad, or bored
- Green Zone Like a green light, "Good to Go!"
- Yellow Zone Proceed with Caution & Slow Down!
- Red Zone Extreme Emotions! out of control, trouble making good decisions, and must STOP



# All the ZONES are OK!

## RED & YELLOW ZONE are "OK"

 Different zones are experienced throughout the day

No wrong or bad zones; Can make poor cho

• There are "expected ZONES" for different environmental demands



- Safe; Non-judgmental means to communicate and recognize feelings
- Provide natural consequences for poor choices in the RED Zone;
   Process afterward the circumstances what led to the Red Zone and how to do differently the next time

## More Than One ZONE

Students can be in more than one Zone at once
 (Ex. Blue for Tired and Yellow for Anxiety over a test)



The same emotion can be categorized into different zones
 (Ex. Disappointment in Blue or Yellow & Jealous can be Yellow or Red)

• Listing more than one Zone can indicate that they are really in touch with their feelings and alertness level.

The Zone depends on the intensity of the emotions

#### Outside Mask for Inside Zone

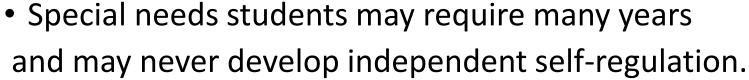
 Disguise our zone by putting on a mask to match social expectations (ex. "Put on a happy face" if disappointed & jealous)



- Pick up child from school and they loose it then they are aware of social expectations & so that peers continue to think good thoughts about them until a safe place to let their emotions out
- Teach how to manage Yellow Zone emotion inside of them throughout the day so that it doesn't turn into the Red Zone

# Mutual/Co-Regulation: Adult Support

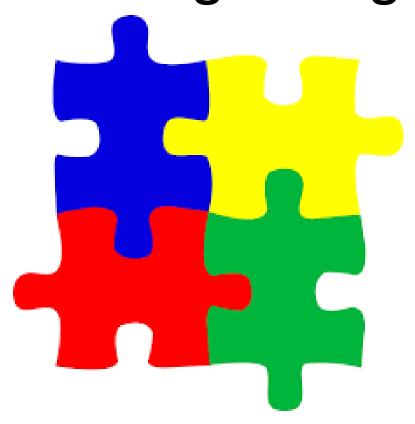
• Independent self-regulation takes a long time to develop in neuro typical children





- The program provides a structure for co-regulation /mutual regulation.
- Able to repeat the lesson more than once or do the lesson a regular basis to assist student's in comprehending the concept taught

# AUTISM SPECTRUM DISORDER Teaching Strategies





NATIONAL AUTISM CONFERENCE

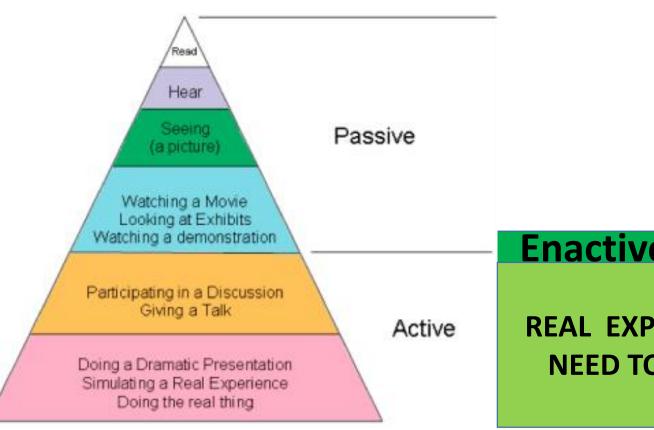
# National Standards Project identifies "self-management" as an effective intervention for ASD

**Enactive Mind Approach** (Ami Lin 2003)

 ASD diagnosis limited social cognition

 Teach explicitly to meet social demands

 Teach to generalize in natural social setting



#### **Enactive Level**

**REAL EXPERIENCE NEED TO DO IT** 

# Systemizing Theory with ASD (Simon Baren-Cohen 2006)

• ASD diagnosis highly driven to create systems to understand information

and abstract concepts

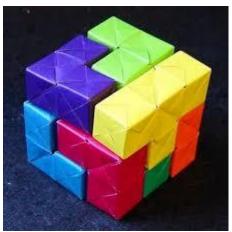
Ex. interstate roadway systems
 are concrete (literally and figuratively!)
 and easy to understand.

 Emotions, levels of alertness, & social expectations are abstract & ever changing.
 Zones make them concrete and visual.

# Central Coherence Theory (Based on work by Uta Frith1989)

- ASD diagnosis tend to focus on small irrelevant details vs. the whole gestalt
- Results in difficulty picking up relevant details, understanding deeper meaning, & ID source of a problem
- Zones is concrete means of comprehending abstract info; Four simple Zones
- Zones focuses on whole concept vs. minute details





### Positive Behavioral Supports: Reinforcement

Teach underlying skills

Reinforce staying in Green Zone

 Reward efforts to use a tool to cope even if it is not successful.

Don't encourage perfectionism
 & anxiety over rewards



#### Who can benefit from The Zones?

- 4 year old preschoolers if at or above average intellect
- Elementary student
- Secondary students
- Middle school students
- High school students



# Language Delays & Cognitive Involvement

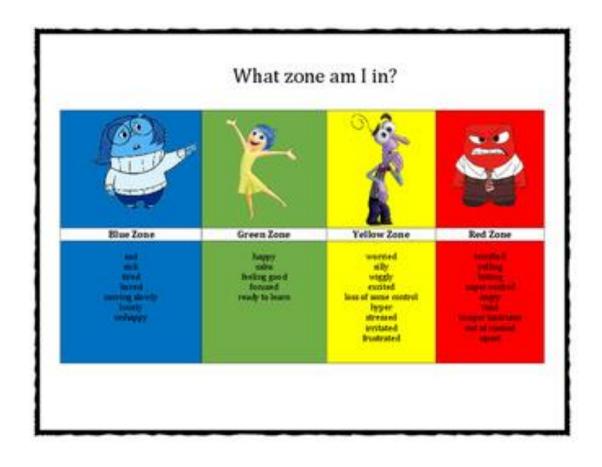
Adaptations provided for younger and older students in the manual

 More cognitively involved students with less language can develop awareness of ZONES and follow visual supports to guide self-regulation strategies



# **Adapted ZONES**

The ONE of Regulation				
BLUE ZONE	GREEN ZONE	YELLOW ZONE	RED ZONE	
Sad	Нарру	Frustrated	Mad/Angry	
Sick or Hurt	Calm	Worried	Terrified	
Tired	Feeling Okay	Silly/Wiggly	Yelling	
	Good	Grouchy	Too Silly/Wiggly	
Bored	Focused	Excited	Elated	
Moving Slowly	Ready to Learn	Anxious	Hitting	
Shy	Good Listener	Jealous	Extreme	
Exhausted	Proud	Confused	Emotions	
Depressed	Relaxed	Embarrassed	Out of Control	
		Upset		



#### The ONE of Regulation & Feelings Sad Frustrated Mad/Angry Нарру Sick or Hurt Calm Worried Terrified Feeling Okay Tired Silly/Wiggly Yelling Good Grouchy Focused **Bored** Excited Elated Moving Slowly Ready to Learn **Anxious** Hitting **Good Listener** Jealous Shy Aggressive Exhausted Proud Confused Extreme **Emotions** Depressed Relaxed **Embarrassed** Upset

# Communication: Team & Home Collaboration

- Send Home Parent Letter
- Send Home Zones Chart
- Send Home Zone Glossary



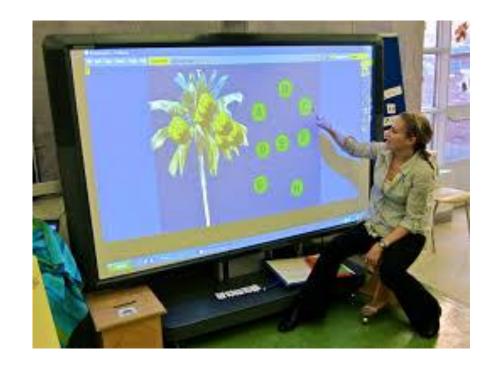
- Copy of Zones Chart for each student
- Folder for each student
- Posters in the classroom and school areas
- Share about your fluctuating zones

# Structure of Group Sessions

- White Board and/or Desk top copy
- 30-60 min lesson; depending on Tools Incorporated
- Individual or Whole Group with Centers
- Deep breathing
- LESSON
  - Lesson Lead In –Orientation to Lesson
  - Learning Activity Applying the Lesson
  - Wrap Up Review –Discuss
- Tool Box Explore & Practice Strategies





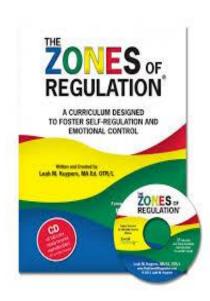






# The ZONES (3) Sections

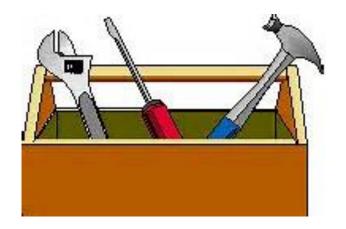
- Chapter 3: (9 Lessons)
  - Understanding the Zones Curriculum
- Chapter 4: (3 Lessons)
  - Exploring Calming & Alerting Tools
- Chapter 5: (6 Lessons)
  - Learning to Apply Tools



#### **ZONES Learn & Use Tools ASAP**

 After Lesson 4 –If the student understands concept of the Zones, then Lessons 10-12 Calming & Alerting Strategies can be integrated into teaching sequence

 The Calming & Alerting strategies are being developed as tools all along & then formalized in Lesson 13: The Toolbox



## ZONES OF REGULATION

A CURRICULUM DESIGNED
TO FOSTER SELF-REGULATION AND
EMOTIONAL CONTROL

Written and Created by Leash M. Kuypers, MA Ed. OTR/L

> Furneyd and Selected Lessess by Michelle Garcia Winner



### Lesson 1 Create Wall Posters of the Zones

Z-p. 26

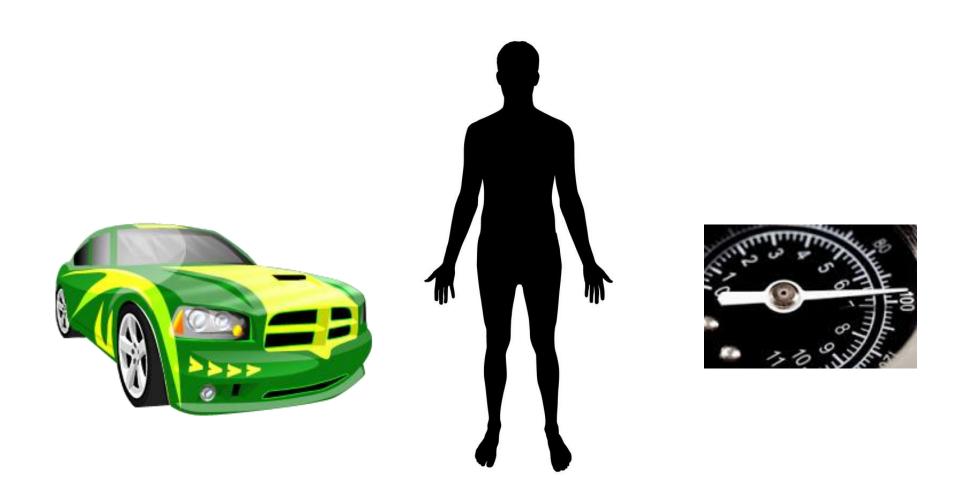


# ZONES of Regulation: How Does Your



Evelyn Zirkle, MS OTR/L SECEP OT Coordinator
(Adapted from: How Does Your Engine Run: The Alert Program: by MarySue Williams OTR & Shelly Shellenburger, OTR; The Zones of Regulation: by Leah Kuypers OTR; Hunter and the Amazing Remote Control: by Lori Copeland Phd.; and Google Images/Clip Art)

#### Your body works like a car engine.



Sometimes it runs on low speed.

Sometimes it runs on high speed.

Sometimes it runs just right.



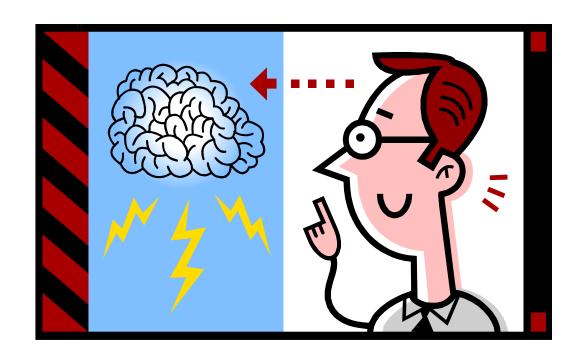
Your brain controls the body "engine" through

the neurons, the spinal cord, and nerves.



#### Your brain makes your body

feel and act different ways.





### Your brain controls "The ZONES of Regulation".

Blue Zone Yellow Zone Red Zone

#### In the Green Zone, your body's engine is

running "just right". You are "good to go".

You may feel happy, calm, and focused.

Blue	Green	Yellow	Red
Zone	Zone	Zone	Zone

#### Feeling "Ok" and Focused may look like ...





#### Ready to learn may look like this ...





#### NOT this ...



#### In the Blue Zone, your body's engine is

running on "low" or "slow" speed.

Blue	Green	Yellow	Red
Zone	Zone	Zone	Zone

In the Blue Zone, you may feel sad, sick,

tired, bored, or be moving slowly.





In the Blue Zone,
bored may look
like this ...

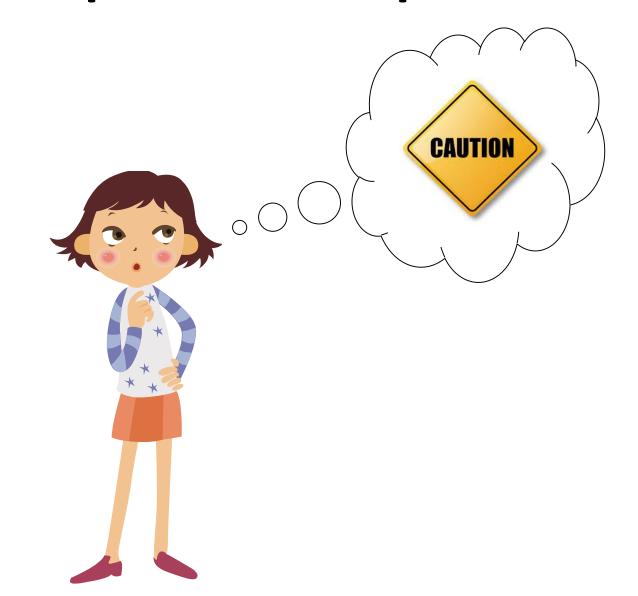


#### In the Yellow Zone, you need to proceed

slowly with "caution" and be careful.

Blue	Green	Yellow	Red
Zone	Zone	Zone	Zone

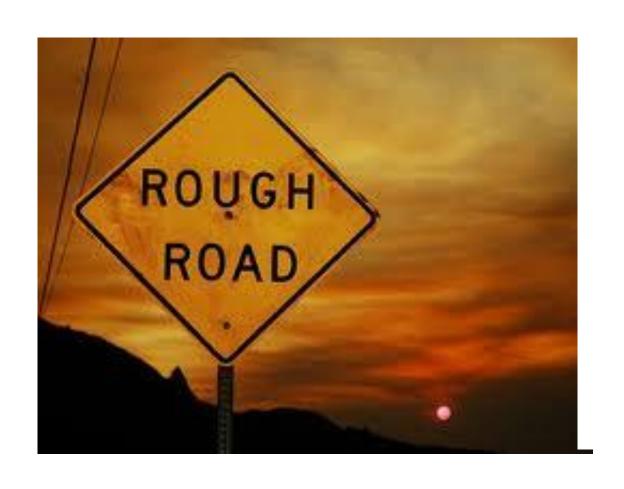
#### You need to pause or stop to think.



#### In the Yellow Zone, read the road signs ...

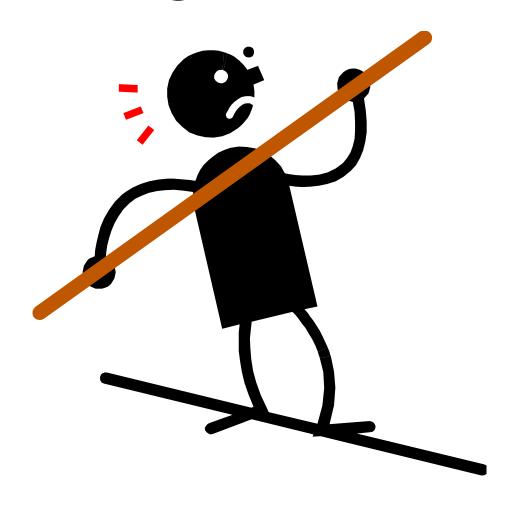


#### Rough road ahead!





#### You are on the edge – about to loose it!



#### Your ZONE of regulation is about

to change.





In the Yellow Zone,

you may feel worried,

frustrated, silly wiggly,

and excited.



#### Silly wiggly and frustration may look like ...





#### Or - Not keeping hands to ourselves



#### A ZONE **CHANGE** is **COMING** either . . .

#### To the calmer Green Zone



#### Or to the out of control RED ZONE



Blue Green Yellow Red Zone Zone

#### The RED Zone is



#### The RED Zone is





In the RED ZONE, you may feel angry or mad,

terrified, elated,

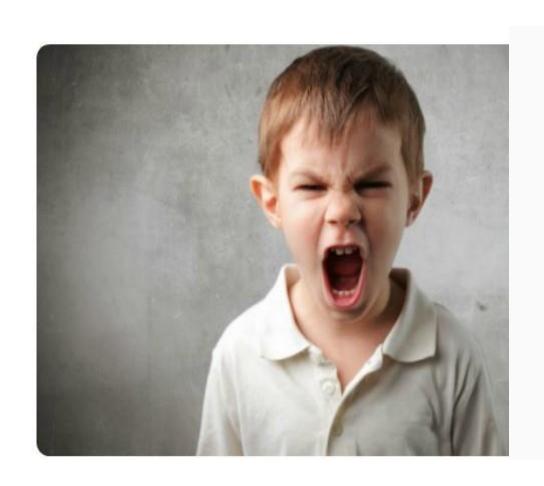
or out of control.

You may feel like

yelling or hitting.



#### Mad or angry may look like this ...





#### Out of Control "Too Silly" may look like ...





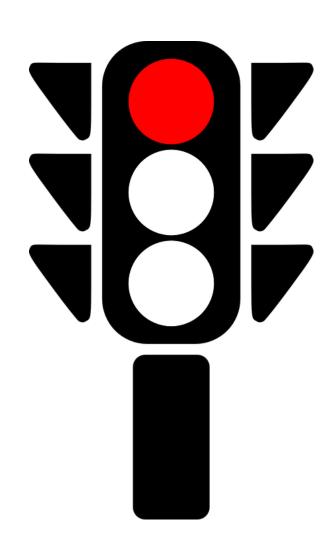
In the RED ZONE,

your body engine is

running on high speed.

You have trouble making

good decisions and must STOP.



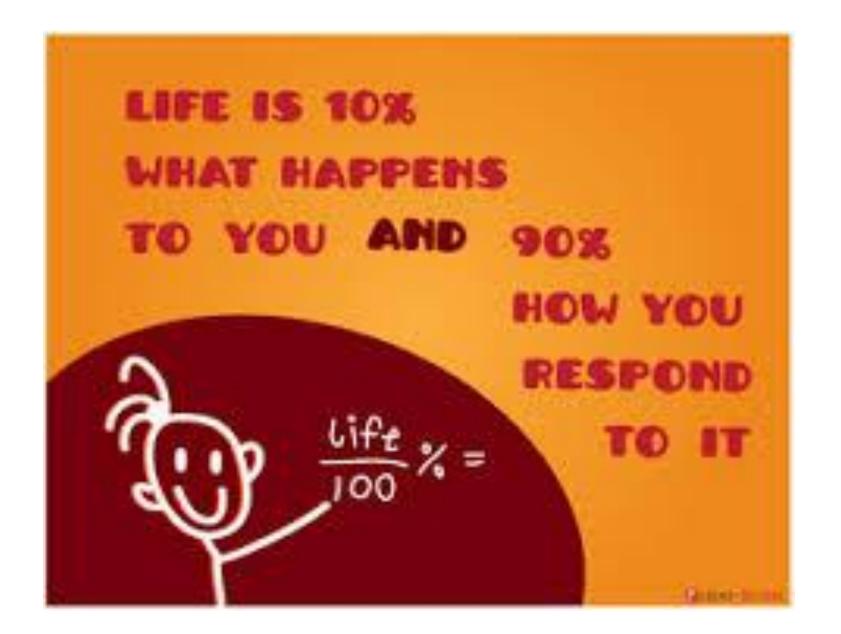
## If you are stuck in a ZONE, then use a tool to change the zone.





#### FIND YOUR FOCUS ZONE





#### REMEMBER ...

You are the driver in control of your body engine. You can change your engine speed.

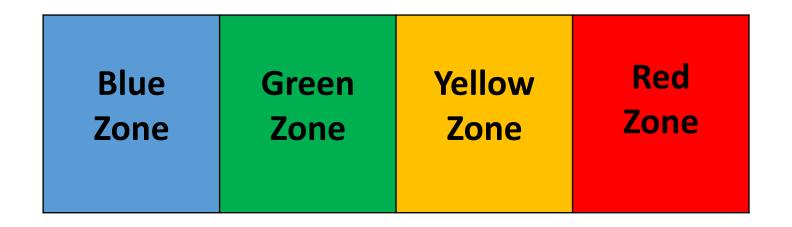


### The same way that you can change the

TV channel using your remote control.



## End of Short Book The ZONES of Regulation.



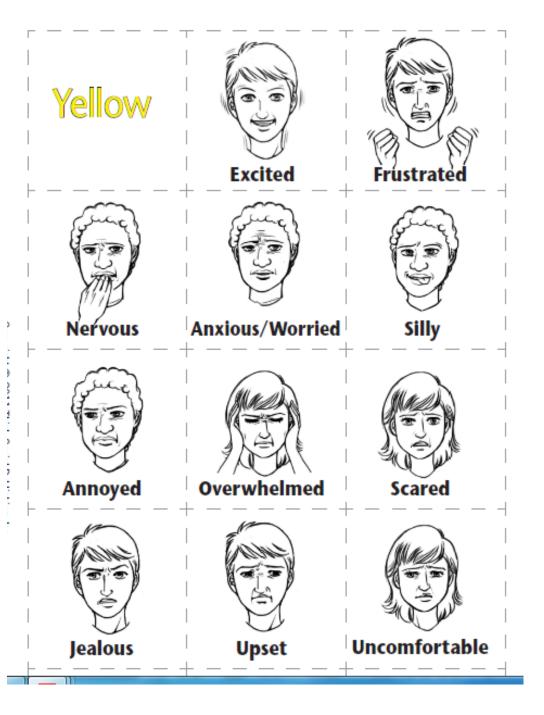
Evelyn Zirkle, MS OTR/L SECEP OT Coordinator (Adapted from: How Does Your Engine Run: The Alert Program: by Mary Sue Williams OTR & Shelly Shellenburger, OTR; The Zones of Regulation: by Leah Kuypers OTR; Hunter and the Amazing Remote Control: by Lori Copeland Phd.; and Google Images/Clip Art)

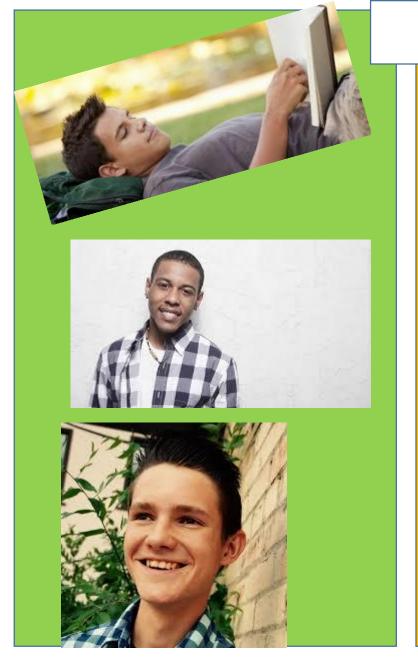
# Sort Faces and Emotions into Zones

Familiarize with concept of Zones

 Increase Emotions Vocabulary

Increase recognition of facial expressions





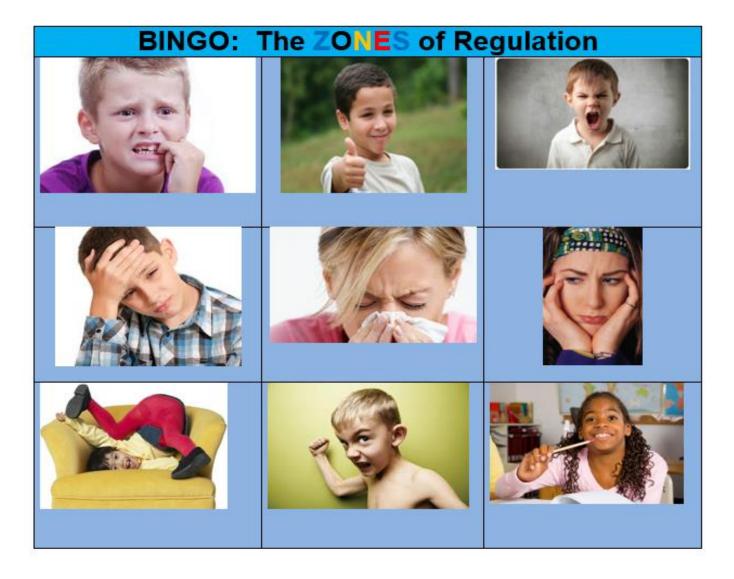


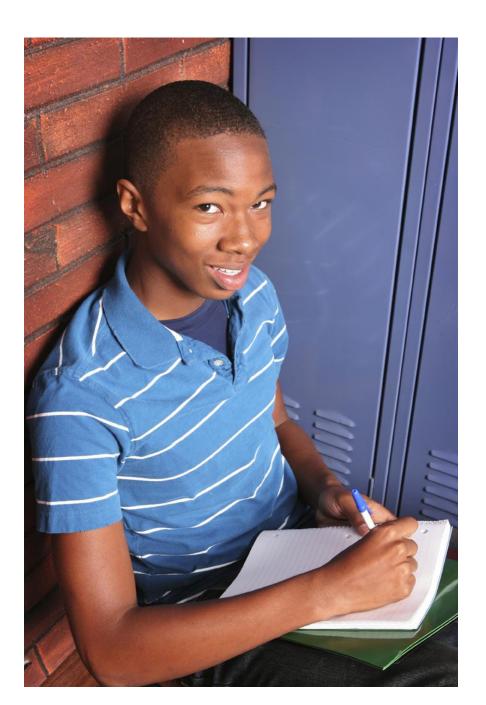




The ONE of Regulation				
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Sad	Нарру	Frustrated	Mad/Angry	
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Shy	Good Listener	Jealous	Extreme	
Exhausted	Proud	Confused	Emotions	
Depressed	Relaxed	Embarrassed	Out of Control	
		Upset		

## Lesson 2 ZONES BINGO: WHAT ZONE IS IT?





RED ZONE

YELLOW ZONE

GREEN ZONE



RED ZONE

YELLOW ZONE

GREEN ZONE



RED ZONE

YELLOW ZONE

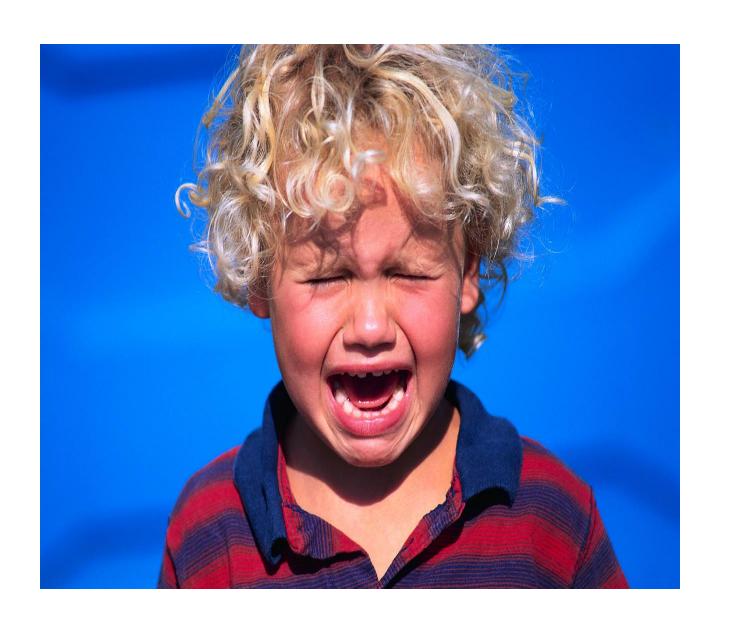
GREEN ZONE



RED ZONE

YELLOW ZONE

GREEN ZONE



RED ZONE

YELLOW ZONE

GREEN ZONE



RED ZONE

YELLOW ZONE

GREEN ZONE



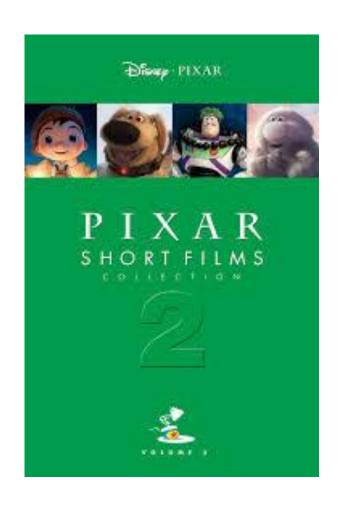
RED ZONE

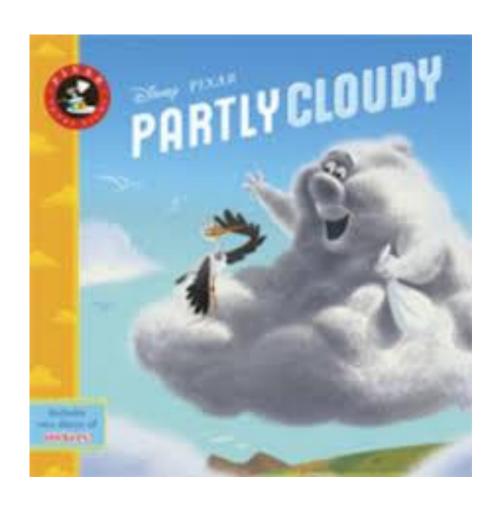
YELLOW ZONE

GREEN ZONE

## Lesson 3 The ZONES in Video

Z p.56



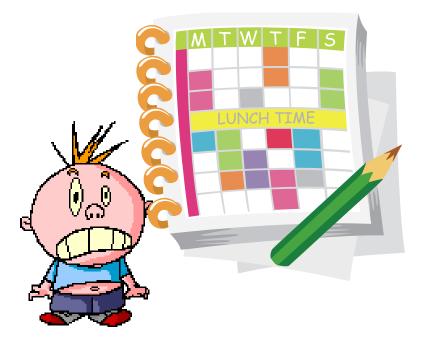


# Lesson 4 **ZONES** in Me: Scenarios **Z p. 59**

### **Sort Scenarios into Expected Zones**

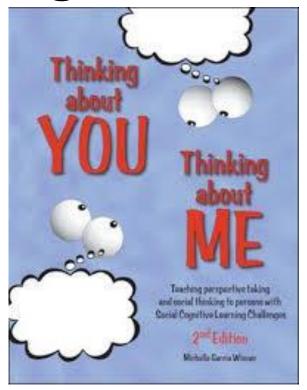






You were told that the plans need to change.

## Lesson 5: Understanding Different Perspectives



Z p. 62

The ZONES of Regulation".

Adapted by Nicole Boggs, SLP & Evelyn Zirkle, MS OTR/L

### **ZONE** Response







Teacher says the schedule changed for an Assembly. Red Zone behaviors would be <u>"unexpected"</u> and other people will have "<u>uncomfortable thoughts"</u> about you. Others may be upset or stressed and not want to include you in activities.



and it *unexpected* ...

Other kids around me ..., May Think ... May Say ... May Feel ...

# Lesson 6 Me in My Zones: Booklet on the Zones in My Body



Z p. 73
Adapted from The Zones of Regulation by Evelyn Zirkle, MS OTR/L

## Me in My ZONES

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The <b>ZONES</b> of Regulation®	Reproducible L	RED
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Name: _	



#### This is a picture of me in the RED ZONE:

//		,
//		

My face and body clues are:

_	_
	_

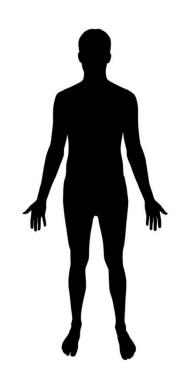


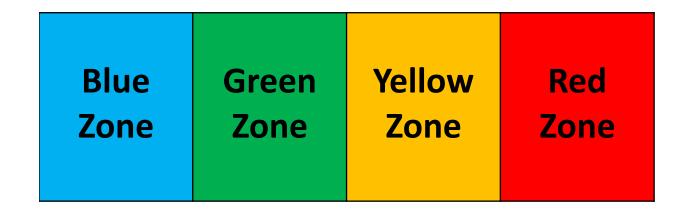


I feel in the RED ZONE when:

I am more likely to make others feel:

## Our body's responses change in different ZONES of Regulation.

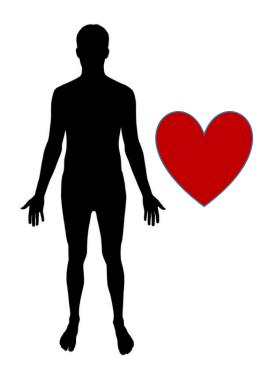




# Are your muscles relaxed or tense? In neck and back? In your hands? In your stomach?

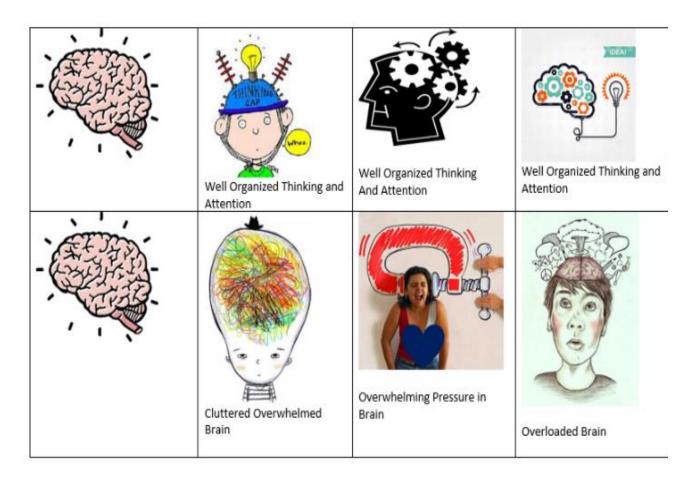


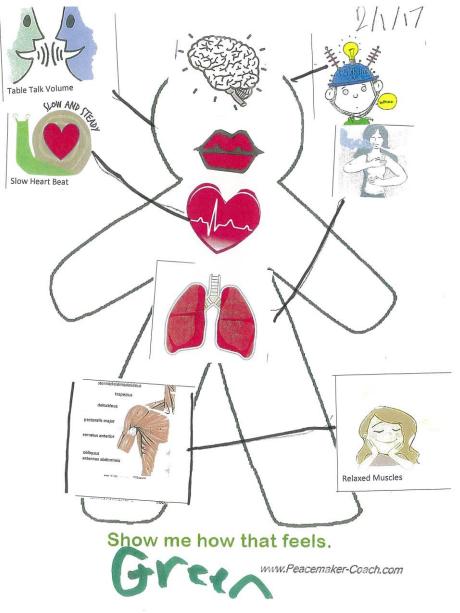
### Is your heart beat fast or slow?





## Zones in Me: Physiology Cut and Paste





#### ME in MY ZONES Book: The RED ZONE

#### A picture of me in the RED ZONE:



#### My face and body clues are:

- -hand fisted
- face hot and red
- heart beating fast

#### In the RED ZONE, I feel:

Mad, Out of Control, Yelling, Tearing Paper

#### I'm more likely to make others feel:

Scared or mad

#### ME in MY ZONES Book: The BLUE ZONE

#### A picture of me in the BLUE ZONE:



#### My face and body clues are:

- Slump in my chair; Hold my head up
- Move slowly
- breath slow; yawn

#### In the BLUE ZONE, I feel:

Sad, Sleepy

#### I'm more likely to make others feel:

They don't want to play with me; I'm no fun;

### Lesson 7: How Do I Feel ?





### How Do I Feel?







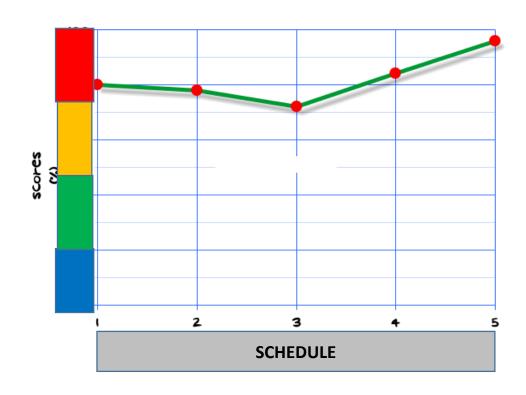
Adapted from "The Zones of Regulation" p. 82 and
Adapted from Hunger and the Amazing Remoted Control, p H-30 SLOW MOTION Button
Adapted by Evelyn Zirkle, MS OTR/L

## Your pet died?



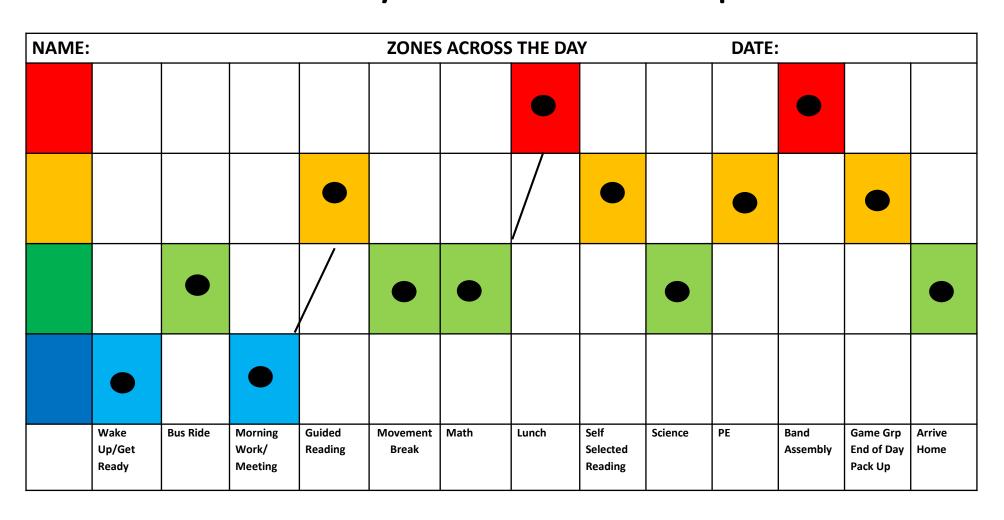
## Lesson 8: **ZONES** Across the Day Graphing

Z p. 86



Adapted from ZONES of Regulation by Evelyn Zirkle, MS OTR/L

### Zones Across the Day: Case B with Sensory Modulation & Bipolar Disorder



## Lesson 9: Caution! Triggers Ahead



Adapted from The Zones of Regulation by Evelyn Zirkle, MS OTR/L

#### **Lesson 9: Caution! Triggers Ahead**

 ID personal triggers that lead to Red or Yellow Zone



- Problem solve to avoid triggers
- Many students lack insight with events that cause them to lose control
- Gather trigger list from staff and parents

The ZONES of Regulation® Reproducible P

#### Triggers Worksheet 💮

CAUTION! Sometimes things happen to make me feel worried, upset, or frustrated! These things are called "triggers." These put me in the Yellow or Red Zone! Here are

# some of my triggers: **CAUTION!** TRIGGERS AHEAD

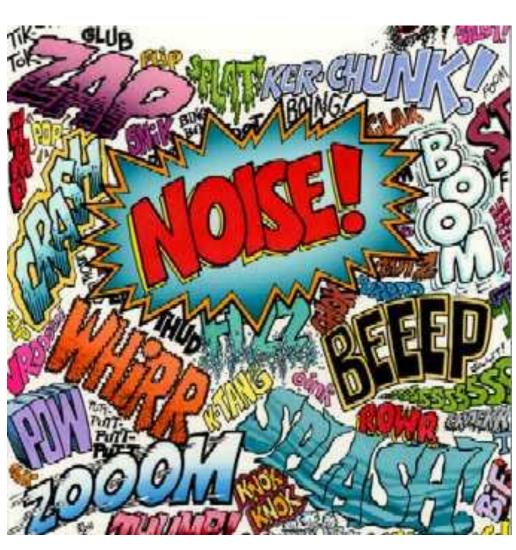
 $\label{eq:copyright} \hbox{$\Phi$}\ 2011\ \hbox{Think Social Publishing, Inc.}$  This page may be copied for the purposes of educating students and other professionals.

#### Other People Bothering You



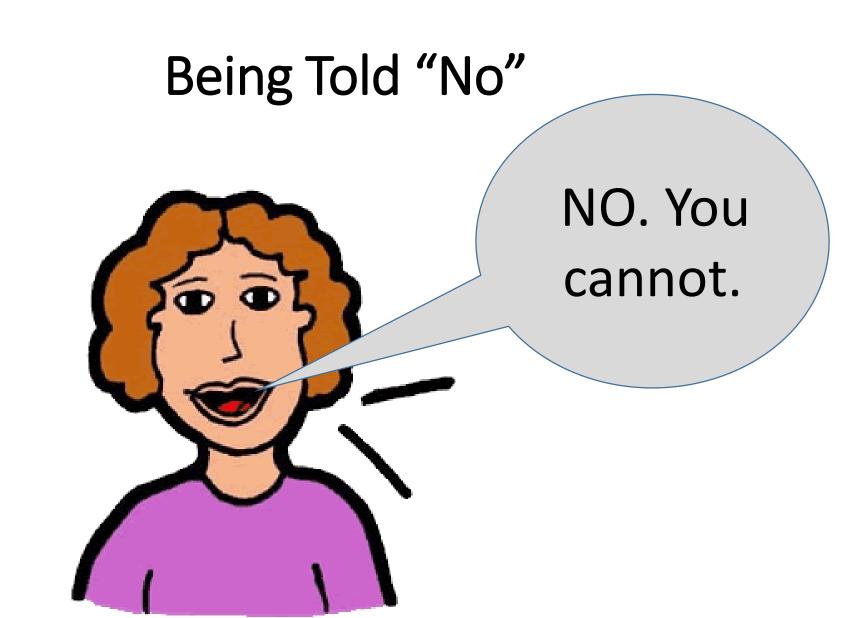
#### Room is Too Loud





Tying Shoes





Being told No

Reading words I don't know

**Transitions** 

CAUTION!
TRIGGERS AHEAD

Making a mistake

Waiting for my turn

Not being first in line

Making a mistake

Writing makes my hand tired

**Loud noises** 

CAUTION!
TRIGGERS AHEAD

Weird smells

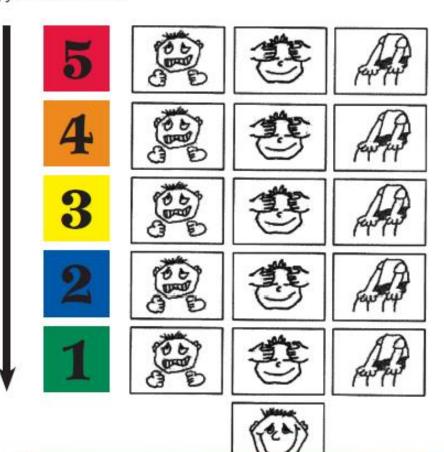
Having to stop my computer game

Having to clean up my stuff

#### My Caming Sequence Visual

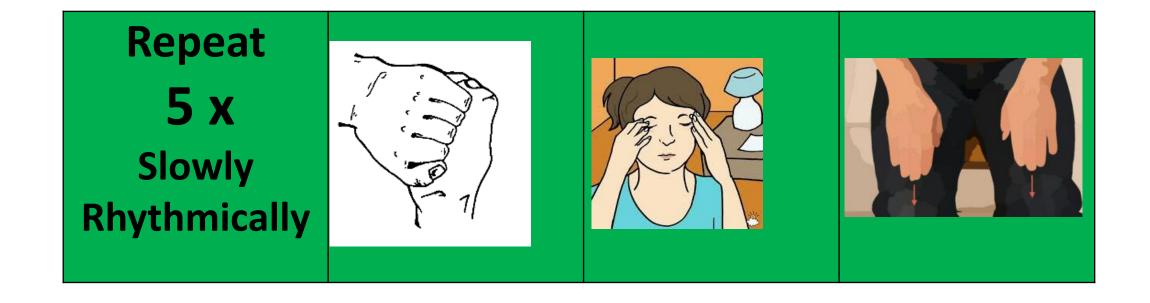
Activity: Try this calming sequence. Does it feel good and calming? How can you change it so that it works for you?

This calming sequence goes like this: Squeeze your hands together; close your eyes and rub your head; then rub your legs. Repeat the sequence five times, bringing your stress down.



### The Calming Sequence Visual

Buron, Manns, Schultz, & Thomas, 2004, from "When My Worries Get Too Big!" By K.D. Burton 2006



#### **Chapter 4: Explore Calming & Alerting Tools**

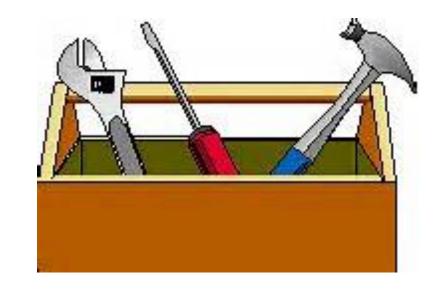
**Thinking** Calming Sensory **Strategies Techniques Supports** 

# Introduce & Integrate ASAP Calming & Alerting Tools

• Introduce Early in Sequence; Order of Tool Introduction is Flexible

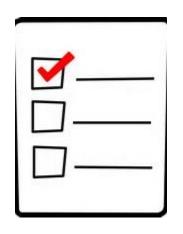
 Learn & practice various tools for calming & alerting; ID

Overlap between tools



• ID unique preferences for choices in tools

### **Sensory Diet: Value Meal**





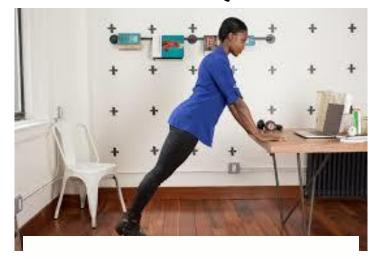








#### QUICK MOVEMENT BREAK









# Chapt. 4 Lesson 10 Sensory Support Tools to Calm & Alert

ZONES Tools Worksheet						
Name of Tool	Circle the zone(s) you think the tool would help					
Fidget Stretchy Stress Ball	Blue	Green	Yellow	Red	None	
Silly Putty	Blue	Green	Yellow	Red	None	
Bean Bag Fidget	Blue	Green	Yellow	Red	None	
Yoga Poses	Blue	Green	Yellow	Red	None	
Exercise Cards	Blue	Green	Yellow	Red	None	
Life Moves/Me Moves DVD	Blue	Green	Yellow	Red	None	
Go Noodle website Movements	Blue	Green	Yellow	Red	None	
Listening to Upbeat Music	Blue	Green	Yellow	Red	None	
Listening to Calming Music	Blue	Green	Yellow	Red	None	

#### Chapt. 4 Lesson 10: Sensory Support Exploration Centers

ZONES Tools Worksheet							
Name of Tool	Circle the zone(s) you think the tool would help						
Weighted Neck Wrap/Snake	Blue	Green	Yellow	Red	None		
Bean Bag Chair/Bungee Chair	Blue	Green	Yellow	Red	None		
Zuma Rocker	Blue	Green	Yellow	Red	None		
Wiggle Seat Cushion	Blue	Green	Yellow	Red	None		
Stand to Work	Blue	Green	Yellow	Red	None		
Drink water from a straw	Blue	Green	Yellow	Red	None		
Chew gum	Blue	Green	Yellow	Red	None		
Glitter Bottle/ Relax Bottles	Blue	Green	Yellow	Red	None		
Doodling/Coloring	Blue	Green	Yellow	Red	None		
Reading a book or magazine	Blue	Green	Yellow	Red	None		

### **ZONES** Tools Worksheet

Name of Tool	Circle the zone or zones you think the tool would help in.							
rice bin	Blue	Green	Yellow	Red	None			
putty	Blue	Green	Yellow	Red	None			
cushion	Blue	Green	Yellow	Red	None			
fidget ball	Blue	Green	Yellow	Red	None			
headphones	Blue	Green	Yellow	Red	None			
sit on ball	Blue	Green	Yellow	Red	None			
weighted vest	Blue	Green	Yellow	Red	None			
rub back	Blue	Green	Yellow	Red	None			
	Blue	Green	Yellow	Red	None			
	Blue	Green	Yellow	Red	None			
	Blue	Green	Yellow	Red	None			
	Blue	Green	Yellow	Red	None			
	Blue	Green	Yellow	Red	None			
	Blue	Green	Yellow	Red	None			
	Blue	Green	Yellow	Red	None			
		-						

# Get Ready to Learn



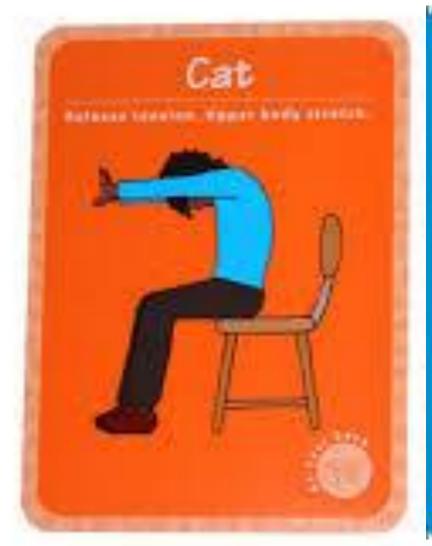


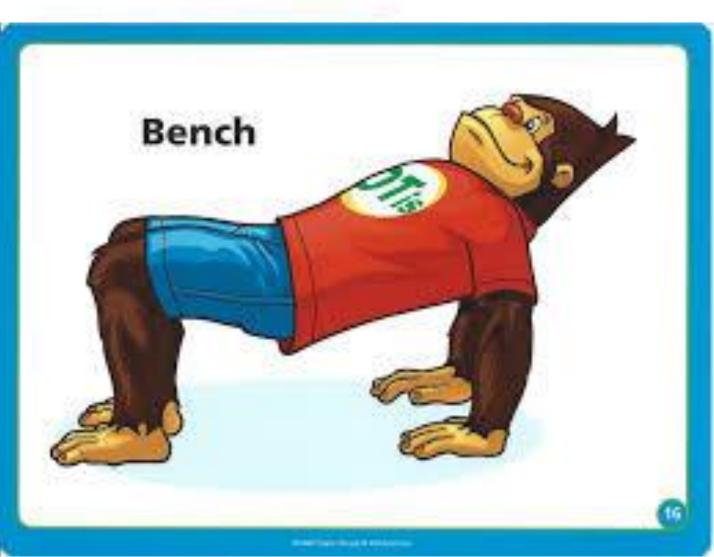
### **YOGA**





#### WHOLE CLASS STRETCHING EXERCISES





#### Chapter 4: Lesson 11

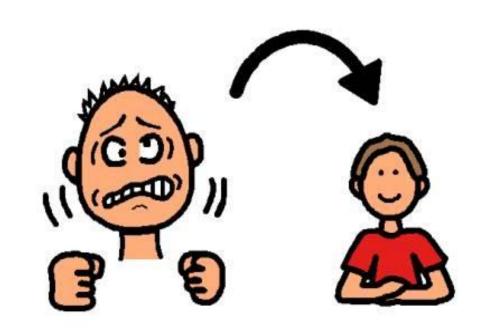
**Sensory Supports** 

<u>Calming</u> <u>Techniques</u> Thinking Strategies

# Lesson 11: Calming Techniques

 Use to change zones when in yellow or red zones

 Calming techniques combine a component aimed at shifting the physiological reaction of the body to a stressful situation to calm the nervous system as well as a neuro-cognitive component aimed at the changing the brains' pattern of thinking (Ex. Deep breathing shifts nervous system from stressed to more relaxed state)



#### Chapt. 4: Calming Techniques

ZONES Tools Worksheet						
Name of Tool	Circle the zone(s) you think the tool would help					
Deep "Belly" Breathing	Blue	Green	Yellow	Red	None	
Lazy "8" Breath	Blue	Green	Yellow	Red	None	
Hexagon Breathing	Blue	Green	Yellow	Red	None	
Count to 10	Blue	Green	Yellow	Red	None	
Calming Sequence	Blue	Green	Yellow	Red	None	

#### Deep Breathing "Belly"





#### Breathing Practice

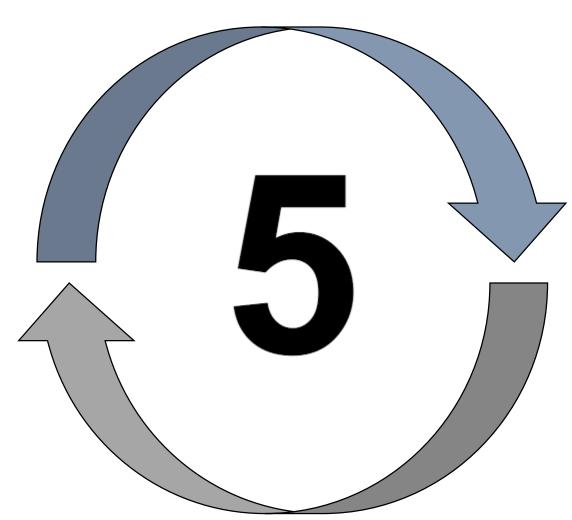
Inhale



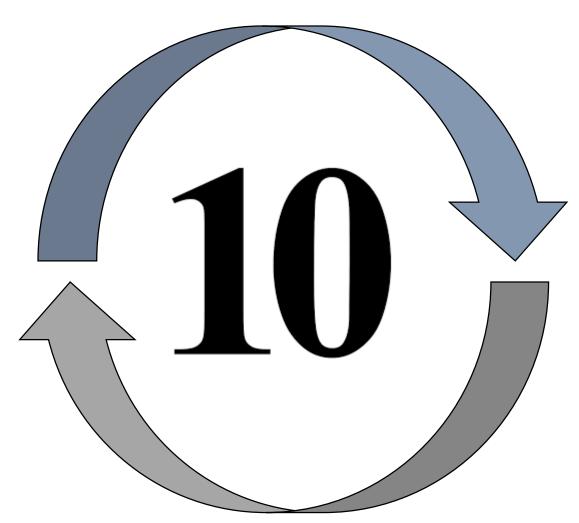
Exhale



STEP 7
Repeat the Cycle 5 Times



#### Build Up Skills to Repeat the Cycle 10 Times



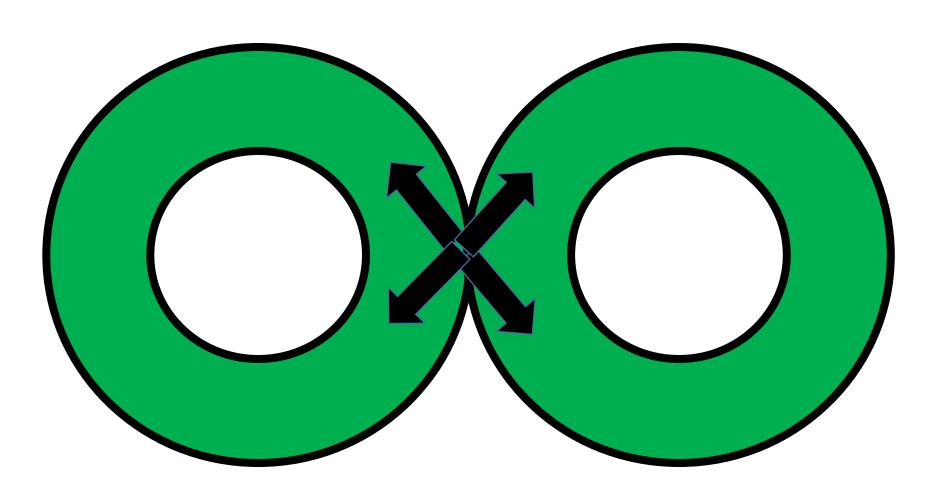
# Build Up Skills Deep Breathing for a QUIET 1 Minute



#### Lazy "8" Infinity Breathing

• BREATH In Around Circle

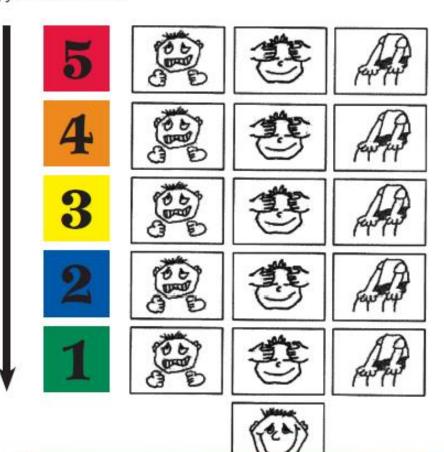
• BREATH Out Around Circle



#### My Caming Sequence Visual

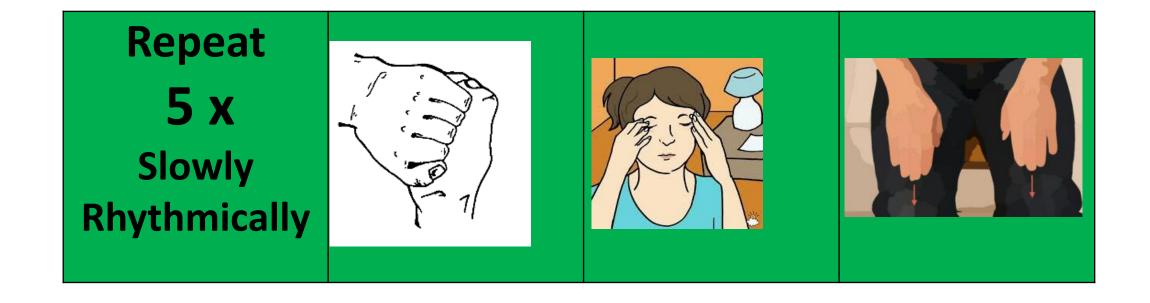
Activity: Try this calming sequence. Does it feel good and calming? How can you change it so that it works for you?

This calming sequence goes like this: Squeeze your hands together; close your eyes and rub your head; then rub your legs. Repeat the sequence five times, bringing your stress down.



### The Calming Sequence Visual

Buron, Manns, Schultz, & Thomas, 2004, from "When My Worries Get Too Big!" By K.D. Burton 2006



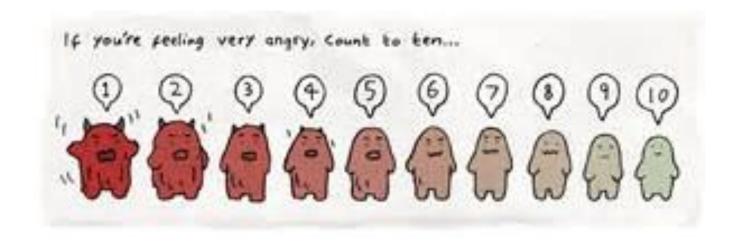
#### Count to 10

"1 hold steady, 2 hold steady, 3 hold steady, ... 10 I'm ready"

Eyes Open or Closed

Quiet Voice

Slowly Count to 10



#### Count to 10

"1 hold steady, 2 hold steady, 3 hold steady, ... 10 I'm ready"

• Try with a Kinesthetic Component with Finger Counting: Press Fingers on Table; Touch Fingers; Isolate Fingers; Oppose Fingers





#### Thinkingmoves.com Life Moves DVD





#### Chapter 4: Lesson 12

**Sensory Supports** 

Calming Techniques

Thinking
Strategies

#### **Lesson 12: Thinking Tools**

ZONES Thinking Tools Worksheet						
Name of Tool	Circle the zone(s) you think the tool would help					
Size of the Problem: Big vs. Little Problem	Blue	Green	Yellow	Red	None	
Inner Coach – Positive Self Talk	Blue	Green	Yellow	Red	None	
Inner Critic – Negative Thoughts	Blue	Green	Yellow	Red	None	
Super Flex vs. Rock Brain	Blue	Green	Yellow	Red	None	
	Blue	Green	Yellow	Red	None	

# Lesson 12: Thinking Strategies

- Cognitive Behavioral Approach
- Impulse Control
- Problem Solving
- Reflective Thinking
- Social Perspective Taking



#### Size of the Problem

Remember the size of your reaction has to match the size of the problem!

How big do others see the problem?

How big should your reaction be?

Little Problem

2

3

4

5

Huge

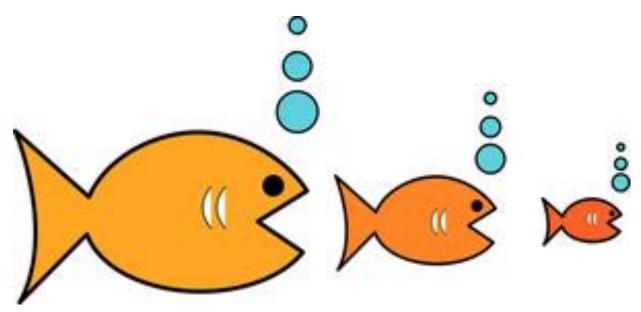
Visual adapted by Leah Kuypers, Donna Brittain and Jil Kuzma for The Zones of Regulation® from the original work of Winner's Think Social (2005), pages 44-45, www.socialthinking.com, and Buron and Curtis' The Incredible 5-Point Scale (2003), www.5pointscale.com

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## ZONES THINKING STRATEGIES: MENU Button

### SiZe of the ProBleM



**ZONES L-12, p121** 

Hunter Remote Control: Menu Button

By Evelyn Zirkle, MS OTR/L SECEP OT Coordinator

& Nicole Boggs, SLP

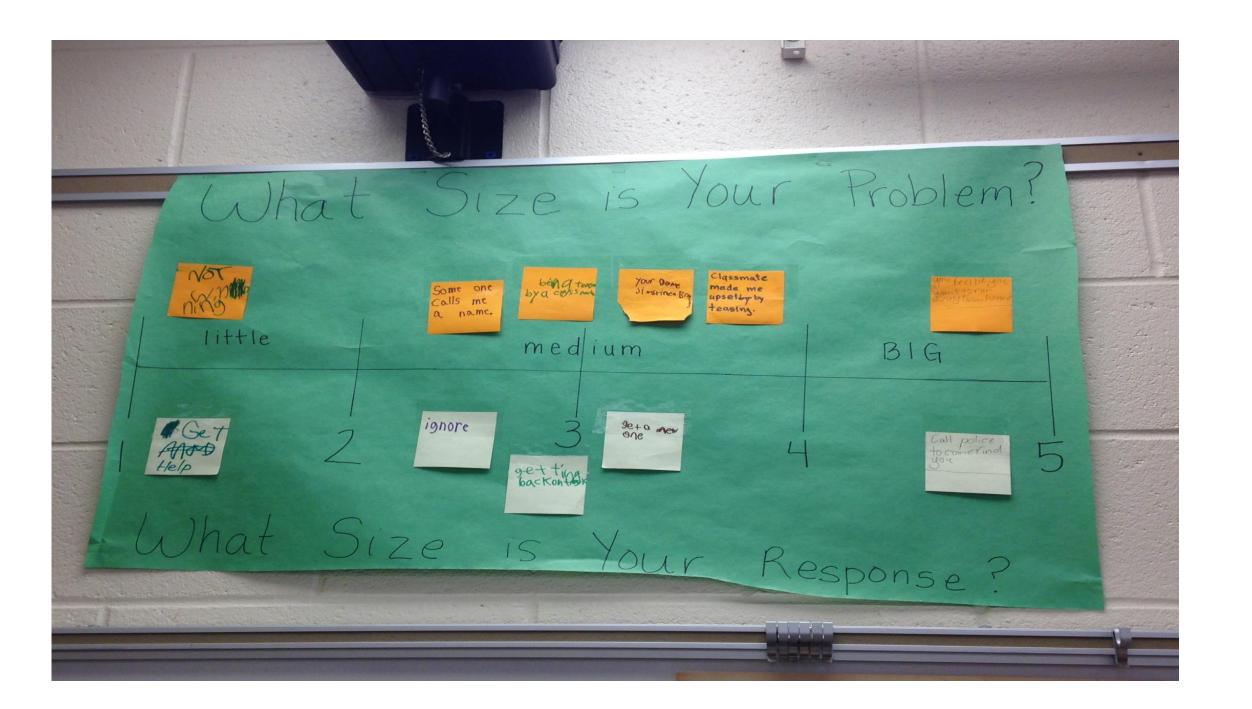
Rev 3-18-15

### The size of my REACTION should match the size of the PROBLEM! \*Don't overreact ©

5	Emergency, Tragedy, Danger	Crying uncontrollably, Very Upset, Scared	DISASTER  MANY PEOPLE TO  FIX
4	Break your arm, Hurt badly, Someone hits or bullies you	Crying, Very Sad, Mad, Frustrated	LARGE Special Adult to Fix (Doctor, Plumber)
3	Plans Change, Consequences for unexpected behavior	Nervous, Sad, Irritated, Disappointed	MEDIUM Adult to Fix (Teacher, Parent)
2	Not being first in line, Having to wait or take turns, Sharing	Uncomfortable , Disappointed	SMALL A Kid Can Fix It By Him/Herself
1	No Real Problem	Happy, Calm, Relaxed	LET IT GO! Too Small, Do Not Fix

# Medium ProBleM Argument with a Friend





# Build Up Skills Deep Breathing for a QUIET 1 Minute



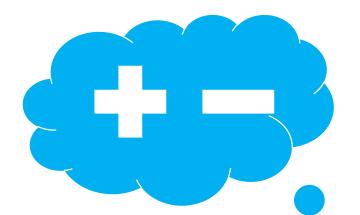


Adapted by Evelyn L Zirkle, MS OTR/L

From ZONES of Regulation by Leah Kuypers M.Ed. OTR/L

INNER COACH: Thinking Strategies Lesson 12 Zp. 127

From Hunter and the Amazing Remote Control by Lori Copeland, Ph.D. The COACH Button H p. 31



# HUNTER and the INNER COACH:



Adapted by Evelyn L Zirkle, MS OTR/L

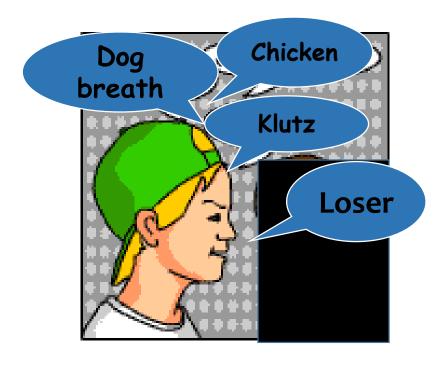
From ZONES of Regulation by Leah Kuypers M.Ed. OTR/L

INNER COACH: Thinking Strategies Lesson 12 Zp. 127

From Hunter and the Amazing Remote Control by Lori Copeland, Ph.D. The COACH Button H p. 31

Inner Coach could help you cope with "teasing"

and "name calling" from other kids.





#### DRAW Your COACH

Let's draw a picture of your inner coach, name him, and write down some things he would say to you.



### HUNTER

and

### SuperFlex vs. Rock Brain

Thinking: Part 2

**ZONES of Regulation Lesson 12** 

Adapted by Evelyn Zirkle, MS OTR/L

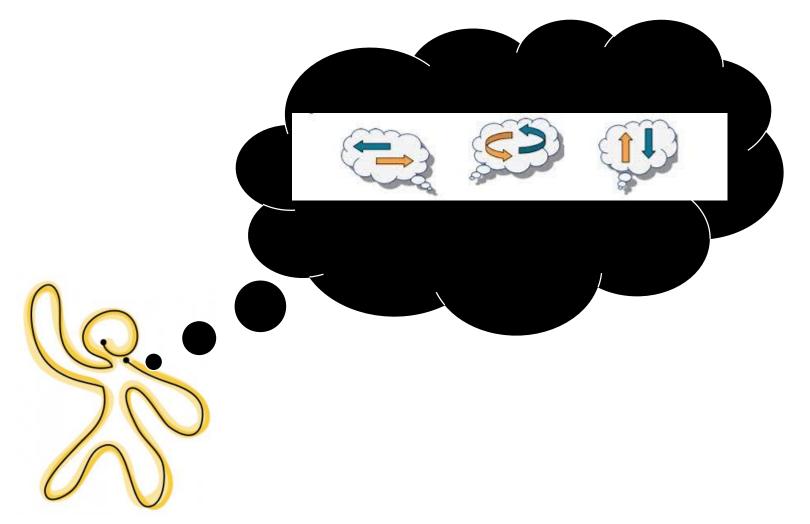


by Leah Kuypers w selected lessons by Marcia Garcia Winner

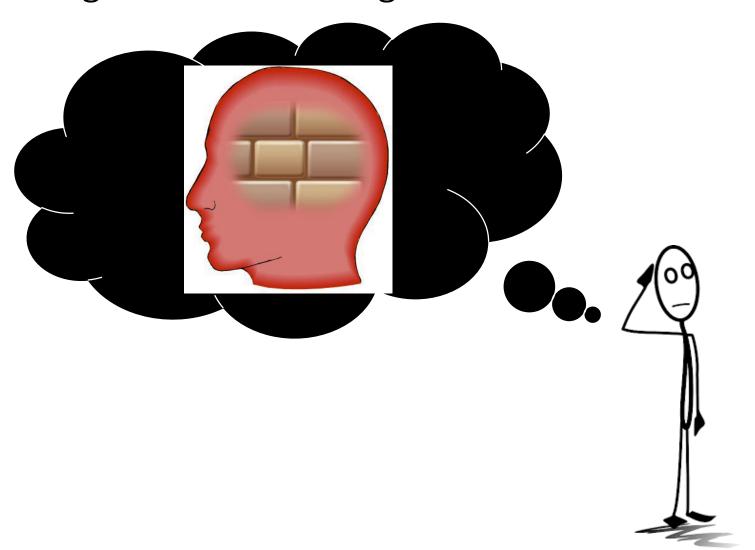
ZONES Lesson 12, Z p 131 and

Free lesson from http://www.autisminspiration.com on Teaching FlexibleThinking

Flexible thinkers "move" their brain around the problem and think of different solutions.



A rock thinker is rigid and cannot move their brain around a problem. They try the same thing over and over again.



#### Flexible vs. Rock Thinker Game

Practice thinking of Popsicle Stick responses & Pipe Cleaner responses to solving a problem.





# Chapt. 5 Learning When to Use & Apply Tools

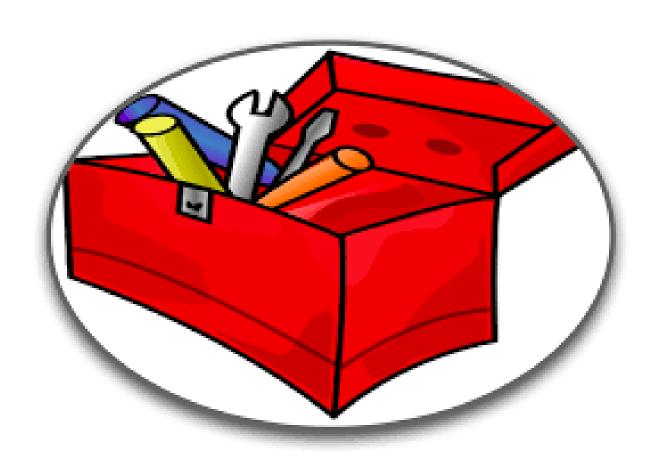
 Learn why, when, and how to use the tools

Learn to integrate their use into every day life

 Reinforce practice and use of the strategies.



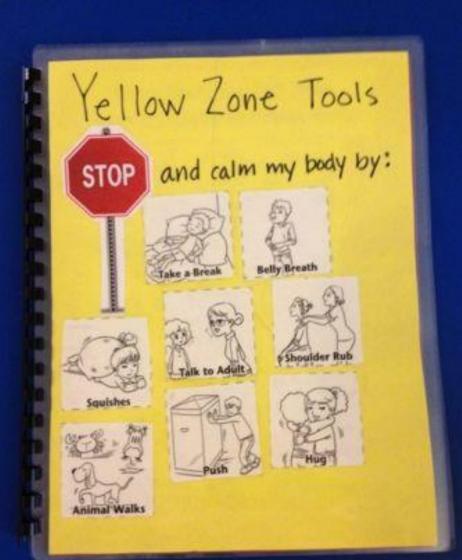
### **Lesson 13: The Toolbox**

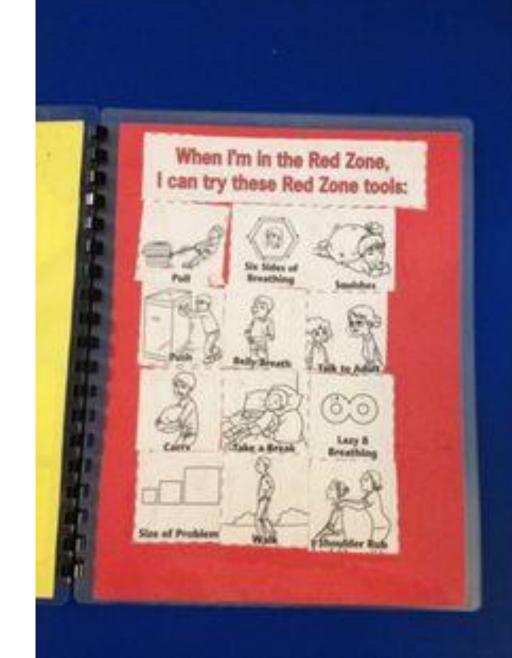


Name of Tool	
Weighted Neck Wrap/Snake	
Bean Bag Chair/Bungee Chair	
Zuma Rocker	
Wiggle Seat Cushion	
Stand to Work	
Drink water from a straw	
Chew gum	
Glitter Bottle/ Relax Bottles	
Doodling/Coloring	
Reading a book or magazine	

### **ZONES** Tools Worksheet

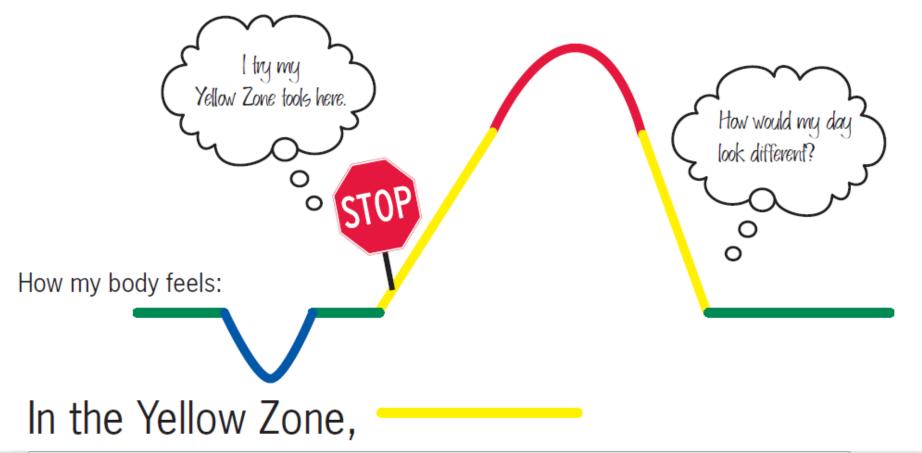
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rice bin	Blue	Green	Yellow	Red	None
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cushion	Blue	Green	Yellow	Red	None
Fidget ball	Blue	Green	Yellow	Red	None
headphones	Blue	Green	Yellow	Red	None
sit on ball	Blue	Green	Yellow	Red	None
weighted vest	Blue	Green	Yellow	Red	None
rub back	Blue	Green	Yellow	Red	None
	Blue	Green	Yellow	Red	None
	Blue	Green	Yellow	Red	None
	Blue	Green	Yellow	Red	None
	Blue	Green	Yellow	Red	None
	Blue	Green	Yellow	Red	None
	Blue	Green	Yellow	Red	None
	Blue	Green	Yellow	Red	None
		-			





#### Lesson 14

### When To Use My Yellow Zone Tools



8.50 x 11.00 in

111

#### Lesson 16

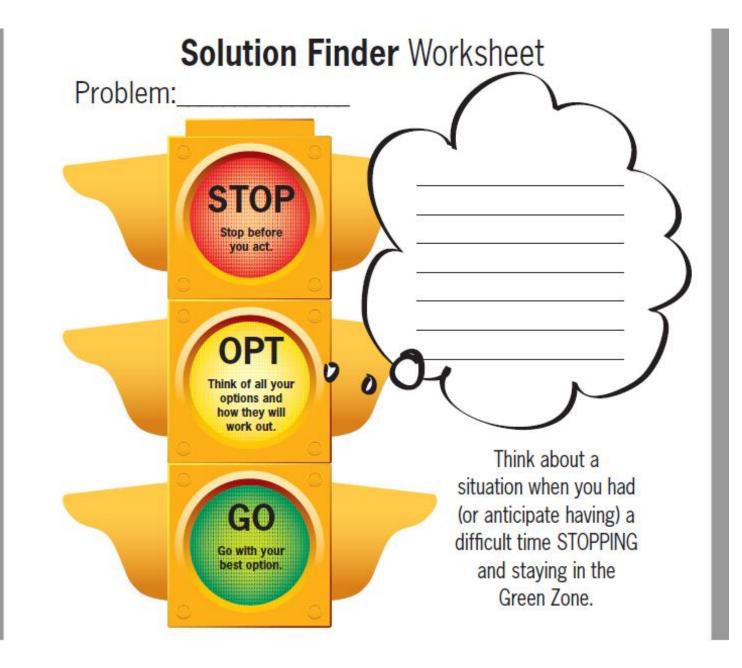
The ZONES of Regulation® Reproducible EE Tracking My Tools Worksheet

#### Tracking My Tools

Tools I Can Try: Did It Work?: Yes No Yes No

# Lesson 17: STOP, OPT, and GO

- Simple visual aid & easy phrase
- Assist with impulse control
- Problem solving alternatives
- Reflect on what is the most beneficial solution





# Lesson 18 Celebrate Use of Tools



Reinforce remaining in the Green Zone as expected

Reinforce when a student uses a tool

• Reinforce use of a tool, whether it worked or not

 Label or Acknowledge what zone they are in in various situations so that they can begin to recognize where they area

The ONE of Regulation						
BLUE ZONE	GREEN ZONE	YELLOW ZONE	RED ZONE			
Sad	Нарру	Frustrated	Mad/Angry			
Sick or Hurt	Calm	Worried	Terrified			
Tired	Feeling Okay	Silly/Wiggly	Yelling			
	Good	Grouchy	Too Silly/Wiggly			
Bored	Focused	Excited	Elated			
Moving Slowly	Ready to Learn	Anxious	Hitting			
Shy	Good Listener	Jealous	Extreme Emotions			
Exhausted	Proud	Confused				
Depressed	Relaxed	Embarrassed	Out of Control			
		Upset				

### References

- Google Images
- Get Ready to Learn (Get Ready to Learn.com Yoga New York City Schools)
- GRTL pilot research analysis by NYU Department of Occupational Therapy in 2009/10 were presented to an enthusiastic audience at the AJOT Conference in Philadelphia in April 2011 by NYU professor Dr Koenig, PHD.
- Kuypers, L. (2011). The Zones of Regulation: A curriculum designed to foster self-regulation and emotional control. San Jose, CA: Thinking Social Publishing, Inc.
- Life Moves DVD: Thinking Moves, LLC; website <u>info@thinkingmoves.com</u>
   Thinkingmoves.com
- Novotny, S., & Kravitz, L. (n.d.). The Science of Breathing. Retrieved July 11, 2015.
- Novotny, S., & Kravitz, L. (n.d.). The Science of Breathing. Retrieved July 11, 2015.