

# takea SENSORY MOTOR DECAR

#### **10-MINUTE STRATEGIES**

Re-focus tired, hyper or restless students without leaving the classroom!

BREAK BOXES AND **BREAK BAGS SOLD** SEPARATELY





© Fun and Function Aviva Weiss MS OTR/L Ilana Danneman PT with Britt Collins MS OTR/L SUMMER 2021 EDITION

1.800.231.6329 | WWW.FUNANDFUNCTION.COM | PO Box 11, Merion Station, PA 19066

Ages 3 - Teen

#### FACT: Sensory-motor breaks are helpful for learning.

#### MYTH: It takes a lot of time, money and space.

Before reading these words, did you take a sip of water, stretch or shift in your chair? Of course! Even small movements can sharpen your focus, providing sensory input to perk up or calm down.

Now take it to the next level for you and your students! This Guide offers sensory-motor strategies that can be integrated into a daily routine or used spontaneously with problem behavior. As children learn how to regulate their emotions and ease into the just-right state, there is often a significant improvement in attitude, attention and learning.

## How does "your engine run"? Which "regulation zone" are you in right now? Need a "brain break"?

The terms differ but the idea is the same: Being able to identify how you feel is the first step in self-regulating emotions. Once you know whether you're feeling tired or restless, frustrated or angry, sleepy or hyper, you can choose the most helpful movement strategy.

#### How much space is required for sensory-motor breaks?

No extra space is required. Sensory and movement-based activities are done while seated or standing at the desk, or in the back of the room or hallway.

#### Who needs a sensory-motor break?

We all need breaks, but some children and adults need "sensory strategies" with daily activities to help self-regulate. (A person with Sensory Processing Disorder can have difficulty receiving, interpreting and acting upon messages from the senses, a kind of "neurological traffic jam.")

#### What are clues that it's time for a sensory-motor break?

Staring off into space Wiggling or not sitting still Fists clenched in frustration Fidgeting with everything Falling asleep in class Chewing on pencils or clothing Slouching or falling off chair Shouting out Hitting or throwing objects Crying Biting nails, shirt or objects



#### What if there isn't time in the schedule?

Taking a few minutes for a sensory break is vital. Movement often helps with learning and concentration (see Results at a Glance).

#### Do I need additional staff to implement these strategies?

No. Sensory-motor breaks are designed to be simple and work with the flow of your classroom. Over time, many students can learn to do these strategies independently, with little or no guidance.

#### Is this for every student?

Some activities are geared to the entire class to improve attention and academic performance. The tools in the Break Box support individual students in self-regulation, minimizing disruptive behavior and maximizing achievement.

#### Let's get started!

#### Results at a Glance

Over time, you'll see which strategies are most effective for your class, and for individual students. Keep track of your observations in the space provided in this guide.

Below are the results of several formal studies:

According to seven studies involving elementary school students, regular physical activity breaks during the school day may enhance academic performance, focus and behavior in the classroom.\*

A study in North Carolina showed that providing elementary school students with a daily 10-minute physical activity break increased on-task behavior significantly, while a break without physical activity decreased on-task behavior.\*\*

A study from the University of Illinois found that students performed better on reading comprehension, math and spelling when they had a 20-minute period of physical activity immediately preceding the test.\*\*

After exercise, brain-wave readings showed that children with ADHD were better able to regulate their behavior and focus. All the children showed scholastic improvement after brief periods of exercise.\*\*\*

To learn about the impact in classrooms, visit FunandFunction.com/ Behavioral-Interventions and download the White Paper.

\*\*Mahar, M., Murphy, S., Rowe, D., et al. "Effects of a classroom-based program on physical activity and on-task behavior," Medicine and Science in Sports and Exercise, 2006, 38(12): 2086-2094.

\*\*\*Pontifex, Matthew et al, Exercise Improves Behavioral, Neurocognitive and Scholastic Performance in Children with ADHD, University of Illinois at Urbana-Champaign, published in Journal of Pediatrics 2013.\*

<sup>\*</sup>Trost, S.G. Active Education: Physical Education, Physical Activity and Academic Performance: Research Brief. San Diego, CA: Active Living Research, Robert Wood Johnson Foundation, Summer, 2009.



Notes

## Quick movements can improve attention:

- ★ Jumping jacks
- ✤ Wall push ups
- ★ Deep breathing
- ✤ Running in place
- ★ Chair push ups
- ✤ Push up high fives
- ★ Hand and shoulder stretches
- ★ Deep breathing exercises

Water breaks and bathroom breaks can be helpful too.

# Add a little extra movement during classroom transitions:

- ✤ Walk like a bear
- ✤ Hop like a frog
- Crawl like a snake
- ✤ Walk like a crab
- Do the army crawl
- ✤ Walk backwards
- ✤ Gallop like a horse
- ✤ Skip high, skip low
- ★ Move slowly like a turtle
- ✤ Fly like a butterfly

#### 4

#### Sensory-Motor Breaks

(THERAPY TOOLS IN BREAK BOX OR SOLD SEPARATELY)

#### Heavy Work - Strategies for Wiggly or Restless Behavior

#### ACTIVITIES

Push, pull, stretch, crawl or move objects with resistance or weight.

#### BENEFITS

Provides proprioceptive input to the muscles and joints.

#### OUTCOME

Helps children with selfregulation and focus.



Crawl-and-Calm







#### Reduce Distractions -Strategies for Auditory-Sensitive Behavior

#### ACTIVITIES

Wear adjustable headsets that filter noise but allow wearer to hear direct conversation.

#### BENEFITS

Provides noise-cancelling and immediate relief.

#### OUTCOME

Supports children who are hypersensitive to sounds and easily distracted or jarred by noise.



Noise Reduction Headphones



HamiltonBuhl Noise Off

#### Tactile Input - Strategies for Distracted Behavior

#### ACTIVITIES

Toss, catch and touch objects with different textures.

#### BENEFITS

Provides tactile experiences in a playful, non-threatening way.

#### OUTCOME

Helps children interpret touch sensations and stimulation, and supports relaxation.



Tactile Weighted

Bean Bags



Spiky Tactile

Balls

#### De-Stress or Wake Muscles - Strategies for Tense or Tired Behavior

#### ACTIVITIES

Massage or apply gentle vibration to the back, shoulders, arms and legs.

#### BENEFITS

Provides deep pressure and joint compression.

#### OUTCOME

Helps children relieve stress, reenergize and focus. Tickles the Turtle Pet Massager

> Pressure Foam Roller

6

#### Work Out the Wiggles -Strategies for Distracted Behavior

#### ACTIVITIES

Sit on gel-filled cushions or seating cushions with adjustable air inflation, each with tactile features.

#### BENEFITS

Provides subtle movement to improve blood flow to the brain and the entire body.

#### OUTCOME

Supports a low-energy child to pay closer attention, and supports a high-energy child in an active approach to learning.



Squishy Gel Cushions (2 styles)





Sit Around Cushion



Spiky Tactile Cushion

#### Calm and Regulate Mood - Strategies for Uncontrolled Emotions

#### ACTIVITIES

Identify how you feel (even if you're not sure), and choose helpful activities.

#### BENEFITS

Provides means for selfregulation and smoother transitions.

#### OUTCOME

Helps children manage frustration and anxiety and re-energize.





Putty Elements (4 levels of resistance)



Emotions Putty (Calm or Energize) Release Stress and Excess Energy - Strategies for Fidgeting and Oral Motor Needs

#### ACTIVITIES

Fidget with stretchy or squishy handheld objects. Suck, blow or chew objects safe for mouthing.

#### BENEFITS

Intentional fidgeting can help focus the brain on primary tasks and increase attention. Chewing and oral motor stimulation can act as a filter to reduce stress.

#### OUTCOMES

Helps children relieve pressure and concentrate.





Discovery Disc



Discovery Putty



Spar

Chewy Pencil Toppers (5 Styles) Spaghetti Chewy Fidget

#### **Improve Eye-Hand Coordination - Strategies** for Fine Motor Control

ACTIVITIES Learn to button, zipper, buckle and snap. Recognize right and left hand movements.

BENEFITS Strengthens fine motor skills and visual processing.

Makes learning a whole body experience, especially for young children. OUTCOME





Button Pizzazz

Sensory Input and Deep **Pressure - Strategies for** Hyperactive Behavior

#### ACTIVITIES

Interact with accessories that have adjustable amounts of weights.

#### BENEFITS

Provides soothing deep pressure and orients body in relation to space.

#### OUTCOME

Calming movement for children who are constantly touching, crashing, or mouthing. Supports children with limited body awareness who bump into things or slump.



Weighted Tie





Heavy Herbert

Weighted Animal

Weighted Worm





## **Training and Consulting**

Learn proven strategies with hands-on training by our renowned pediatric therapists. Each training session can be customized for your school, including relevant case studies and breakout sessions for educators, administrators and therapists. Within a few hours, you gain critical insight and a road map for integrating sensory-based solutions in the curriculum. Topics include:

- ★ Recognition and understanding of students' varied needs
- ★ Sensory processing disorder (SPD) and six subtypes
- ★ Differences between ASD, SPD, and ADHD
- ★ Impact on behavior and concentration
- Proven strategies for inside/outside the classroom
- Incorporating movement into daily routines
- ★ Empowering students with ability to self-regulate
- Building a powerful tool chest for sensory-motor activities
- ★ Maximizing the impact of Sensory Rooms and Break Boxes
- ★ Enabling administration and teachers to track results and progress

## **Frequently-Used Terms**

**SENSORY PROCESSING** is the way the brain receives, interprets and responds to messages from the senses. Sensory Processing is also referred to as Sensory Integration.

**SENSORY PROCESSING DISORDER** (SPD) is a condition in which the brain has trouble receiving and responding appropriately to sensory information. Disruptive behavior, motor clumsiness, anxiety, depression and challenges in performing everyday tasks may result if the disorder is not treated properly.

#### Three key sensory systems impact a child's development:

- **PROPRIOCEPTIVE SYSTEM** receives sensory stimulus from the muscles and joints, providing the ability to know where your body is in space.
- **VESTIBULAR SYSTEM**, with receptors in the inner ear, responds to movement and gravity, affecting eye movement, balance, posture, muscle tone and attention.
- **TACTILE SYSTEM** receives stimulus from the receptors in the skin, providing information about the environment and informing of the difference between harmful and beneficial touch.

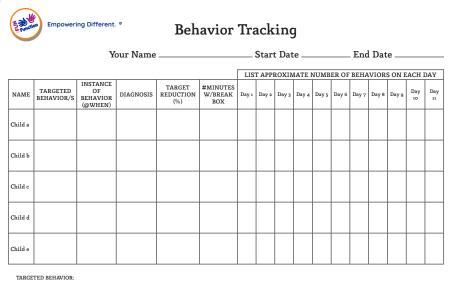
The Fun and Function team has been tremendously helpful, not only in setting up the rooms but also in training and coaching the teachers."

- Beverly Bernstein, OROT Educational Director

Contact us today to discuss your school's needs. We can customize the training program for you, onsite or online. Call 1.800.231.6329 or email ActiveMind@FunandFunction.com

Note: Travel expenses are billed separately. Planning and supervision of sensory room installations is offered separately.





1. Distracted/Staring Into Space \_\_\_\_

2. Wiggling/Not Sitting Still \_\_\_\_

3. Talking Out of Turn

4. Fidgeting with Everything \_\_\_\_

5. Falling Asleep .

6. Slouching or Falling Off Chair \_\_\_\_

7. Shouting Out \_

8. Hitting\_

9. Throwing Objects \_\_\_\_\_

10. Crying

11. Biting Nails or Objects .

12. Chewing on Pencils or Clothing .

13. Other \_

14. Other

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## Student Self-Regulation Tool

	MY NAME:							
BUILD-YOUR-OWN SENSORY BREAK! }								
DATE TIME I FEEL	ACTIVITIES	MY GOAL A	FTER THE ACTIVITIES I FE	EL GOALS I ACHIEVED				
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	PLAY AND LEA	RN AT FUNANDFUNCTION.COM						

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### **Order form**

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#### Get a Bundle of Award-Winning Solutions to help each child succeed!

Need to re-focus tired, hyper or restless kids? Our Break Box delivers hands-on tools for use in class or after school. Customize your own Break Box, or choose from ready-made Break Boxes or Break Bags. Early childhood to teen.



Bill To:	Please print clearly.
Name:	
	וי:
Address:	
State:	Zip:
Phone:	Fax:
Email:	

Please provide street and number. We cannot deliver to PO-Boxes.
carried deliver to PO-Boxes.
rganizatio <u>n:</u>
Zip:
Fax:

The Break Bag is a lifesaver! Helped our kids chill out during an 8-hour car trip!"

-- E.S., MOM OF 3 IN NJ



Many of our best solutions are now in one compact Therapist Kit" -- ILANA DANNEMAN, PHYSICAL THERAPIST AND PRODUCT DEVELOPER



With the Break Box, you can help kids return to learning instead of sending them out for misbehavior." -- KAREN D.,

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Creates opportunity for brief break in the classroom.

Provides sensory-based activities to renew focus and concentration.

Encourages self-regulation to stay on task.

Targets problem behavior with specific therapeutic solutions.

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Includes activity guide. In-service training for bulk purchases.



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## Order form

Online Interactive Training + Break Box

Webinar

READY-MADE BREAK BOX OR BAG ITEM QUANTITY IS APPROXIMATE, AND MAY VARY	Item #	Qty.	Cost	Subtotal	
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Classroom Break Box - Starter Kit (8 tools)	CF6059		\$199.99		
Classroom Break Box - Standard Kit (16 tools)	CF5943		\$349.99		
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Social Emotion (8 tools)	SP6087		\$229.99		
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Training And Consulting - Half Day	CF6147		\$7K		

CF6148

CF7033

\$700.00

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	Qty.	Cost	Subtotal			Qty.	Cost	Subtotal
Support sensory integration				Tactile input	· · · ·			,
Mega Weighted Lap Pad		\$42.99		Hand-Eye Coordination Scarves (12)			\$18.99	
Find Me Lap Pad - At the Farm		\$36.99		Tactile Bean Bags (set of 5, ½ lb. each)			\$20.99	
Find Me Lap Pad - At the Zoo		\$40.99		Spiky Tactile Balls (set of 3)			\$18.99	
Find Me Lap Pad - Dino Land		\$41.99		Integrate learning and movement				
Weighted Worm		\$33.99		Discovery Putty - Animal Rescue			\$15.99	
Cool Weighted Tie		\$32.99		Discovery Putty - Grab the Goodies			\$15.99	
Busy Fingers Fidget Lap Pad		\$42.99		Putty Elements 4 oz 4 Pack			\$31.99	
Provide calming deep pressure			Wake tired muscles					
Transformer Sensory Sack - Small		\$31.99		Pet Massager - Tickles th	e Turtle		\$9.99	
Transformer Sensory Sack - Large		\$52.99		Pressure Foam Roller			\$27.99	
Space Explorer - Small (red)		\$34.99		Textured Foam Roller			\$28.99	
Space Explorer - Medium (green)		\$36.99		Work out the wiggles				
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Space Exporer - X-Large (blue)		\$42.99	12.99 Bumpy Gel Cushion				\$25.99	
Space Explorer - Small (leopard print)		\$33.99		Sit-a-Round Cushion			\$29.99	
Space Explorer - Medium (cheetah print)		\$36.99	\$36.99 Spiky Tactile Cushion				\$30.99	
Space Explorer - Large (zebra print)		\$41.99		Wiggle Cushion			\$31.99	
Crawl-and-Calm Resistance Tunnel - S		\$37.99		Reduce distraction				
Crawl-and-Calm Resistance Tunnel - L		\$63.99		Noise Reduction Headphones			\$27.99	
Rocketship Resistance Play Tunnel		\$102.99		HamiltonBuhl Noise Off			\$23.99	
Regulate mood				Fidget and release stre	SS			
Reggie Regulation Ruler		\$20.99		Spaghetti Chewy Fidget			\$15.99	
Yoga Deck for Kids on the Ball		\$16.99		Busy Fingers Weighted Pencil Fidget-2 Pack			\$17.99	
Emotions Putty - Calm		\$9.99		Discovery Disc			\$30.99	
Emotions Putty - Energize		\$9.99		Fidget Key Chain Balls-3 Pack			\$28.99	
Fine Motor Control				Other				
Blast Off Zipper Trainer		\$25.99		20 Qt. Gasket Box			\$10.99	
Let's Go Finger Fishing		\$29.99		Messenger Bag			\$4.99	
Policeman Dressing Vest		\$29.99		Sensory Survival Kit			\$98.99	
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			+	PA Sales Tax 6%	•			
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Purchase orders can be placed online or via fax.

\* We reserve the right to correct mistakes and change prices. If a price change is more than 10%, we will notify you before filling your order. Your full satisfaction is always guaranteed.

## JOIN THE ActiveMind<sup>™</sup> Revolution

Self-regulation is vital to academic and personal success -- and we can help empower your students with tools for life.

Our experienced therapists provide **Training** and **Consulting**, giving you strategies and tools to support self-regulation, reduce disruptive behavior in class and track student progress.

Our ACTION ROOM provides a full range of movement to engage all students, especially those with attention and hyperactivity issues: Swings and rockers for rhythmic movement, trampolines and climbing walls for "heavy work" and ball pits, fidgets and sensory bins for massaging and tactile input.

Our **CHILLSPA ROOM** soothes the senses, with the goal of decreasing aggression and anxiety: Interactive bubble tubes, imagery and fiber optic lights for visual input, popup tents and cozy tunnels for safe hideaways, and hammocks and seating for gentle rocking.

Our **BREAK BOXES** and **BREAK BAGS** are filled with tools to help each student self-regulate and get back on track --without leaving the classroom.

We listen to you and work together to find strategies that will have a meaningful impact.

Contact us today for interventions that support your school's goals: activemind@funandfunction.com or 1.800.231.6329.

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Aviva Weiss MS OTR/L Founder and Mom Fun and Function To download this guide and free resources for you and your colleagues, visit FunandFunction.com