EXECUTIVE FUNCTIONING UNIVERSAL, TARGETED AND INDIVIDUAL SUPPORTS FOR STUDENTS

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Boone County Schools Mental Health Coalition



AGENDA

- Brief Overview of the Boone County Schools Mental Health Coalition 10 Minutes
- What Is Executive Functioning? 20 Minutes
- Universal Supports/Strategies 45 Minutes
- Targeted Supports/Strategies 10 Minutes
- Individualized Supports/Strategies 20 Minutes
- Action Planning 15 Minutes
- Questions







BOONE COUNTY SCHOOLS NENTAL HEALTH COALITION

WHO WE ARE

- A multi-disciplinary team of professional school psychologists and social workers
- Funded through the Children's Services Fund of Boone County
 - Created by the 1/4 cent sales tax passed in 2012 to support mental health
- Comprised of:
 - 7 Regional Coordinators
 - 1 Director (Dr. Lou Ann Tanner-Jones)
 - 2 University Faculty Members (Dr. Wendy Reinke and Dr. Aaron Thompson)
 - Coalition Board Members
 - Boone County Superintendents
 - Private School Administrator
 - Assistant Superintendents
 - Counseling Directors
 - Other University Faculty





WHAT WI DO



- Assist schools to identify and support students with mental health needs
 - Early Identification Checklist
 - Building Level
 - Grade Level or Classroom Level
 - Individual Level
- Utilize a prevention framework to meet the mental health needs of identified students
- Partner with professionals to connect students and families with community resources
- Provide professional development opportunities for schools and staff based on identified areas of need



FOR MORE INFORMATION:

http://bcschoolsmh.org/

Follow Us on Twitter and Facebook:





Boone County Schools Mental Health Coalition





WHAT IS EXECUTIVE FUNCTIONING

DEFINITIONS OF EXECUTIVE FUNCTIONING

- Skills that help us to decide what activities or tasks we will pay attention to and which ones we'll choose to do (Hart & Jacobs, 1993)
- Brain-based skills required for humans to execute, or perform, tasks (Dawson and Guare, 2009)
- The set of abilities that allows you to select the behavior that's appropriate to the situation, inhibit inappropriate behavior, and focus on the task at hand despite distractions (Aamodt & Wang, 2008)

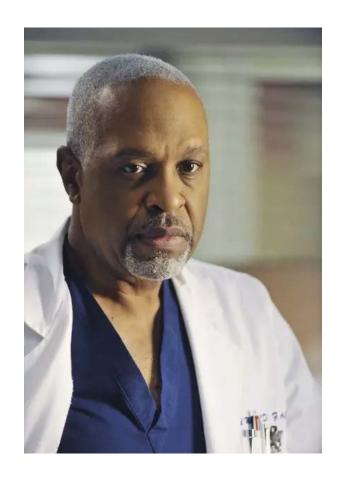


EXECUTIVE FUNCTIONING SKILLS ARE LIKE:













Generally Speaking, Executive Functioning Skills Help Us to Regulate Our Behavior

Requires THINKING (Cognition) Skills &

Requires **DOING** (Behavior) Skills



THINKING (COGNITION) SKILLS

Planning

The ability to create a roadmap to reach a goal or to complete a task.

The ability to make decisions about what is important to focus on and what isn't.

Organization Time Management

The ability to design and maintain systems for keeping track of information or materials.

The capacity to estimate how much time one has, how to allocate it, and how to stay within time limits and deadlines.

Also involves the sense that time is important.

Example – Grocery Shopping



THINKING (COGNITION) SKILLS

Working Memory

The ability to hold information in mind while performing complex tasks.

Incorporates the ability to draw on past learning or experiences to apply to the situation.

Metacognition

The ability to take a bird's eye view of oneself in a situation.

The ability to observe how you problemsolve.

Includes self-monitoring and selfevaluative skills.



Thinking (Cognition) Skills Help Us To:

1. Create A Picture of a Goal



2. A Path To That Goal





3. Resources We Will Need Along The Way











DOING (BEHAVIOR) SKILLS

Response Inhibition	The capacity to think before you act.
Emotional Control (Self-Regulation or Affect)	The ability to manage emotions in order to achieve goals, complete tasks, or control and direct behavior
Sustained Attention	The capacity to attend to a situation or task in spite of distractibility, fatigue or boredom.
Task Initiation	The ability to begin a task without undue procrastination, in a timely fashion



DOING (BEHAVIOR) SKILLS

Flexibility

The ability to revise plans in the face of obstacles, setbacks, new information, or mistakes.

Involves adaptability to changing conditions and the ability to switch between activities or tasks.

Goal Directed Persistence

The capacity or drive to follow through to the completion of a goal and not to be put off by other demands or competing interests.



Doing (Behavior) Are Needed When We:

1. Face New Challenges



2. Resolve or Pursue a Goal



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DEVELOPMENT AND EXECUTIVE FUNCTIONING SKILLS

- Begin in infant/toddler years
- Continue to develop well into adolescence and early adulthood
 - Marathon Vs. Sprint
- Handout Table 1.1





UNIVERSAL STRATEGIES AND SUPPORTS

School - Wide PBIS Lessons

 Handout – Examples (Learning to Problem-Solve, Paying Attention, End of Class Routine, Studying for Tests)





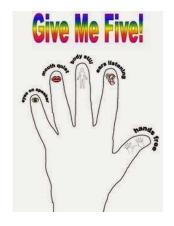
DOING (BEHAVIOR) SKILL STRATEGIES RESPONSE INHIBITION EMOTIONAL CONTROL SUSTAINED ATTENTION TASK INITIATION FLEXIBILITY GOAL-DIRECTED PERSISTENCE



- Present material that is appropriately matched to student instructional level
- Use brisk pace of instruction
- Incorporate student interests and preferred activities
- Establish clear classroom rules and expectations
 - Teach, Model, Practice
- Use effective commands
- Increase (specific) praise for appropriate behavior
 - "Tyler, I love how you got right to work on your assignment. Great Job!"
 - "Sarah, thank you for putting your math homework in the correct folder."
- Use desk dividers or privacy folders during times that demand significant attention



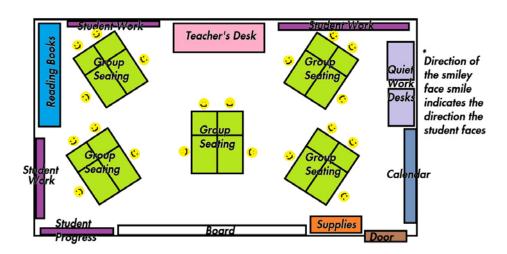
Attention signals





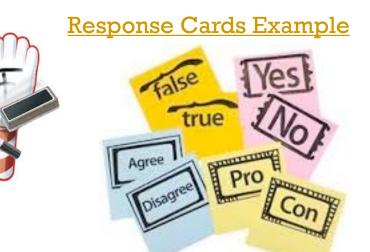


- Active supervision
 - Classroom Layout Considerations



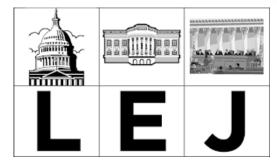


- Intersperse brief and easy tasks among more difficult ones
 - Behavioral Momentum
 - "Tyler, please pass these papers out. Tyler please write your name at the top of the page. Tyler please write 2-3 sentences."
- Provide opportunities for choice
- Provide high number of opportunities to respond to academic material*

















Teach and practice self-monitoring

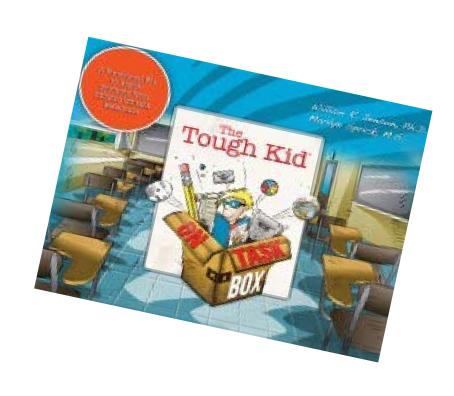
Handout – Attention Monitoring Checklist

• https://www.interventioncentral.org/self management self monitoring

attention

Student:			
Date:			
On Task = Doing my job, following directions, staying focused on my work			
Off Task = Walking arou disrupting others, not d			
Watch	On	Off	
Checks	Task	Task	
#1 9:00 AM - Writing		S.	
#2 9:30 AM - Writing		7	
#3 10:00 AM – Dally 1		S.	
# 4 10:30 AM – Dally 2		S	
#5 11:00 AM – Dally 4		4	
#6 12:30 PM – Shared Reading		P	
#7 1:00 PM - Math		P	
#8 1:30 PM - Math		A.	
#9 2:30 PM – MINT/Counselor		P	
#10 3:00 PM – Mint/Counselor			

Teacher: (Whole Class Rating) Date:				
On Task = Doing his job, following directions, staying focused on his work Off Task = Walking around room,				
disrupting others, not d				
Watch Checks	On Task	Off Task		
#1 9:00 AM - Writing		P		
#2 9:30 AM - Writing		P		
#3 10:00 AM – Daily 1		P		
#4 10:30 AM – Daily 2		P		
#5 11:00 AM – Daily 4		P		
#6 12:30 PM – Shared Reading		\$		
#7 1:00 PM - Math		P		
#8 1:30 PM - Math		\$		
# 9 2:30 PM - MINT/Counselor		\$		
#10 3:00 PM - Mint/Counselor		\$		





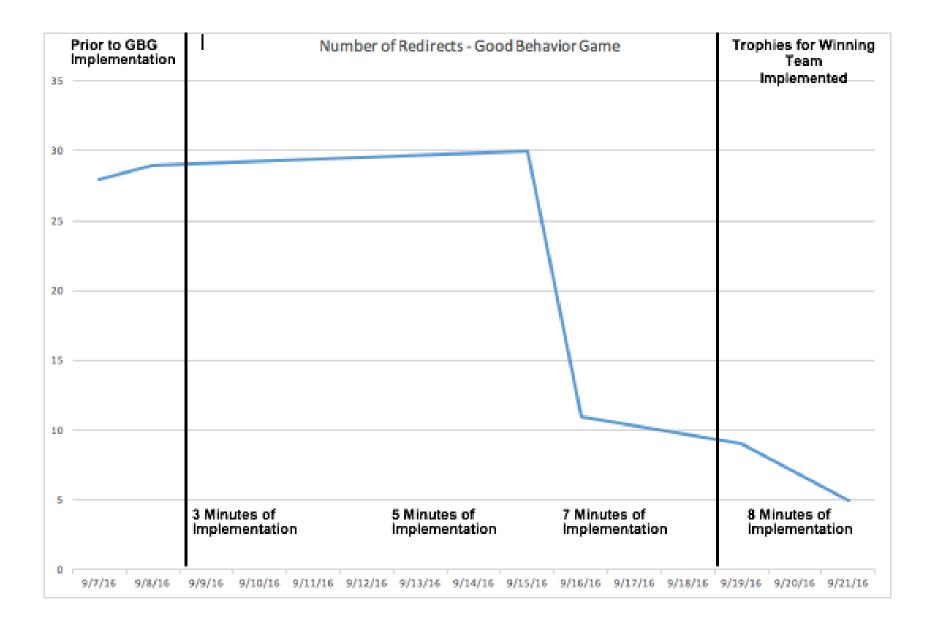
The Good Behavior Game

 http://www.interventioncentral.org/behavioralinterventions/schoolwide-classroommgmt/good-behavior-game



Good Behavior Game Example







THINKING (COGNITION) SKILL STRATEGIES PLANNING ORGANIZATION TIME MANAGEMENT WORKING MEMORY

METACOGNITION



Visual schedule or reminders of events





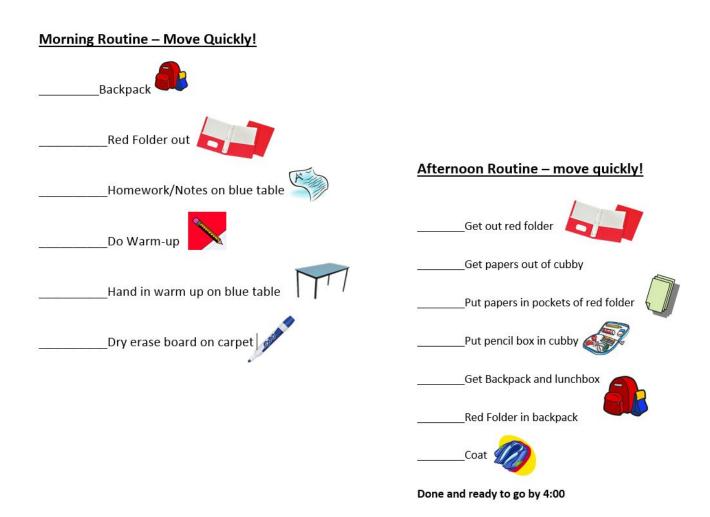


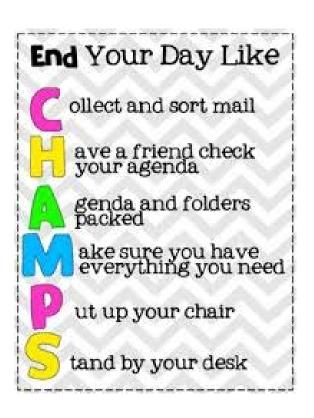




Establish Routines

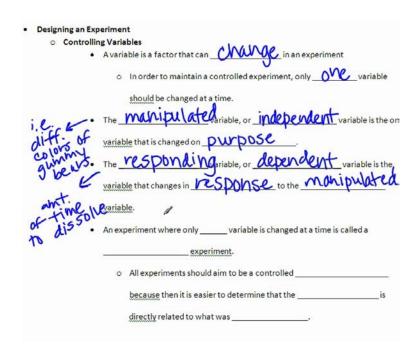
Handout – Morning Routine Checklist & End of Day Routine Checklist







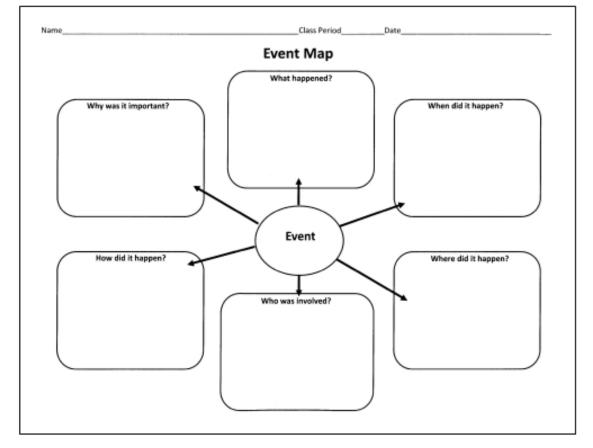
Provide copies of notes before class or guided notes



- Break long assignments into smaller tasks with deadlines for each smaller task
 - Handouts Long Term Project Planning & Writing Template for Five-Paragraph
 Essay
 - Handout Tools for Studying



Provide graphic organizers



Name:
Characters Characters Setting Event #1 Event #2. Solution to the story



Task Checklists/Reminders



Have you used full stops correctly?



Have you used capital letters at the start of your sentences?



Does your sentence have finger spaces between each word?



Are all your letters the right way round?



Does it make sense?



Have you used interesting words?

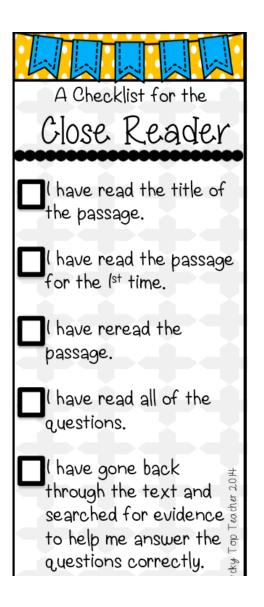


Have you used connectives?



SUBTRACTION CHECKLIST

YES/NO?





Provide scoring rubrics with assignments so students know required elements of assignments

Criteria	Achievement Level				
	Poor (0%)	Satisfactory (50%)	Commendable (100%)		
Thesis and Support (34% Weighting)	D percent The essay may not have any thesis statement, or, at best, a flawed one. Obvious evidence may be missing, and prefevant evident may be present.	17 percent The topic is defined only generally, the thesis statement is also general. The supporting evidence, gathered honestly and used responsibly, is, nevertheless, often obvious and easily accessible.	34 percent The topic itself is clearly defined, focused, and supported. The essay has a clear thesis that is supported with specific (and appropriate) evidence, examples, and details.		
Organization (33% Weighting)	O percent Organization is simply deficient: introductions or conclusions are not clearly marked or functional, paragraphs are neither coherently developed nor arranged, topic sentences are consistently missing, murky, or inappropriate; transitions are missing or flavwed.	16 percent The organization is fairly clear. The reader could outline the presentation, despite the occasional lack of topic sentences. Paragraphs have adequate development and are divided appropriately.	33 percent The organization—chronological, spatial, or emphatic—is appropriate for the burpose and subject of the essay. The introduction establishes a context, purpose, and audience for writing and confains a focused thesis statement.		
Style and Grammar (33% Weighting)	O percent Numerous and consistent errors of spelling, usage, and punctuation hinder communication.	16 percent. The expression is competent. Sentence structure is relatively simple, relying on simple and compound sentences. The paper is generally free of sentence-level errors; word choice is correct though limited.	33 percent The prose is clear, readable, and sometimes memorable. It contains few surface errors, none of which seriously undermines the overall effectiveness of the paper for educated readers.		



CATEGORY	4	3	2	1
Focus on Assigned Topic	The entire story is related to the assigned topic and allows the reader to understand much more about the topic.	Most of the story is related to the assigned topic. The story wanders off at one point, but the reader can still learn something about the topic.	Some of the story is related to the assigned topic, but a reader does not learn much about the topic.	No attempt has been made to relate the story to the assigned topic.
Accuracy of Facts	All facts presented in the story are accurate.	Almost all facts presented in the story are accurate.	Most facts presented in the story are accurate (at least 70%).	There are several factual errors in the story.
Requirements	All of the written requirements were met.	Almost all (about 90%) the written requirements were met.	Most (about 75%) of the written requirements were met, but several were not.	Many requirements were not met.
Creativity	The story contains many creative details and/or descriptions that contribute to the reader's enjoyment. The author has really used his imagination.	The story contains a few creative details and/or descriptions that contribute to the reader's enjoyment. The author has used his imagination.	The story contains a few creative details and/or descriptions, but they distract from the story. The author has tried to use his imagination.	There is little evidence of creativity in the story. The author does not seem to have used much imagination.



- Notebook, Homework Management System
 - Handout Daily Homework Planner
 - Usage and reinforcement of planners
- Self-Monitoring Homework Completion System
 - Includes feedback on rate of homework completion/missing assignments
- Schedule regular binder or folder checks
 - Use incentives or rewards to reinforce organization
- Schedule regular desk/locker cleanouts
 - Handout Desk Cleaning Checklist
- Desk Fairy Checks
- Organize materials for absent students to complete when they return
 - "Ketchup folder"
 - Set aside time to meet and set goals (including timelines for completion)

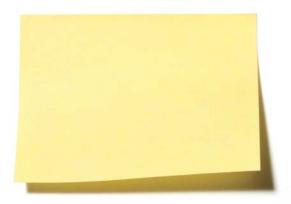




TARGETED STRATEGIES AND SUPPORTS

Task Completion*

- Student creates order for completion of tasks
- Placed on desk
- Cross off as they finish



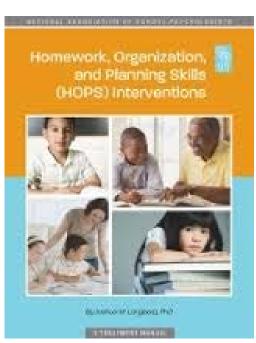
Check-In-Check-Out

- Includes teacher check-ins with student to set goal(s) at start of period and then checks out with student at close of period
- Student receives points/incentives for attaining goal(s)



- Homework, Organization, and Planning System (HOPS)
 - Curriculum based intervention that provides strategies including:
 - Binder management system
 - Homework tracking/completion
 - Provides opportunities for reinforcement of skills
 - Easily adaptable for different grade levels
 - Secondary targeted
 - Can also be adapted for class-wide/universal or individual supports

• https://nasp.inreachce.com/Details?&groupId=4855787c-7ale-47d7-94cb-9e9aa942c495





Binder		HOPS Session Number					
Student brought binder to session (if no, student gets binder and mark N for criterion; if student cannot get binder, mark N for all binder criteria).							
The student's planner/assignment notebook or the Homework Assignment Tracking Sheet is secured by three rings in the binder.							
There is a section for each subject the student is taking (e.g., math, science, etc.) and a homework folder in the student's binder.							
All homework to be completed is in the left side of homework folder and all homework to turn in is in the right side of folder.							
There are no loose papers in the binder.							
All papers are in the appropriate class folder/section (e.g., math worksheets are in the math section).							
No old class papers are in the binder (e.g., no papers from a previous quarter that should be thrown away or filed).							
Number of binder criteria met (# of Ys/7)							



Locker/Desk			
The books are neatly stacked (or shelved) with the spines facing out so that the student can easily grab one in between classes or after school.			
There are no loose objects (papers, pencils, pens, toys, magazines, etc.).			
There is no unnecessary clothing.			
Number of locker/desk criteria met (# of Ys/3)			

Bookbag			
If session is late in day: Books needed for homework are in bookbag. If session is early in day: Books needed for class are in bookbag.			
There are no books in the bookbag that are not needed for class or to complete homework assignments.			
There is no loose paper in the bookbag.			
There are no loose objects in the bookbag (pencils, pens, toys, etc.).			
Number of bookbag criteria met (# of Ys/4)			



HOMEWORK ASSIGNMENT TRACKING SHEET

Week of ____

Class/Subject	Monday	Tuesday	Wednesday	Thursday	Friday
	Teacher Initials				
	# Missing Assign				
	Teacher Initials				
	# Missing Assign				



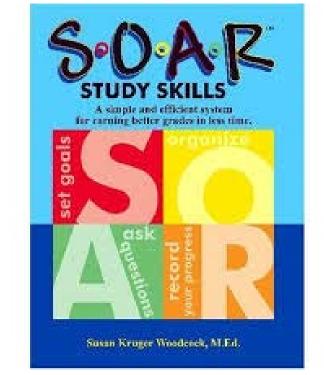
POINTS SYSTEM TRACKING SHEET

HOPS Session Date						
Earned Today Teacher Initials						
Earned Today Organization						
Earned Today Time Management						
Total Points Earned Today						
Total Points Overall in Bank						



SOAR

- Curriculum based intervention that teaches students how to:
 - Identify strengths
 - Set goals
 - Establish priorities
 - Manage time
 - Organize papers, desks, lockers and other space
 - Speak and listen effectively
 - Work with teachers and peers
 - Read and understand textbooks
 - Take notes
 - Study for tests
 - Write research papers
 - Prepare for presentations
 - Track long-term goals
- Can also be modified for grade levels
 - Late elementary/secondary targeted
- Capability to be universal or individual application







Set Goals

Organization

Ask Questions

Record your Progress



Section 1: How are you Smart?

•Chapter 1: Many Types of Intelligences

Section 2: Set Goals

- •Chapter 2: Establish Your Priorities
- •Chapter 3: Identify Your Goals
- •Chapter 4: Schedule Time to Take Action

Section 3: Organize

- •Chapter 5: Organize Your Papers
- •Chapter 6: Organize Your Space
- •Chapter 7: Organize Your Time

Section 4: Ask Questions

- •Chapter 8: Interacting with Teachers
- •Chapter 9: Reading Textbooks
- •Chapter 10: Writing Papers
- •Chapter 11: Taking and Studying notes
- •Chapter 12: Taking Tests

Section 5: Record your Progress

- •Chapter 13: Tracking Your Grades
- •Chapter 14: Monitoring Your Goals
- •Chapter 15: Recognizing Your Achievements





INDIVIDUAL STRATEGIES AND SUPPORTS

- Preferential seating, or placement near teacher
- Individualized self-monitoring plan

Q	'How the Common Core Works' Series @ 2013 Jim Wright				necnotinevnetni.we	trailorg 6		
GadeClassroom:	Student Self-Monitoring: Behavior Rating Scale This self-reting scale allows you to rate how well you carry out selected behaviors. How to Use This Behavior Rating Soale. This scale is to be used to rate your selected behaviors at the end of a pre- determined period (e.g., after independent work; at the end of the school day; at the end of math class.) How to Set Up the Behavior Rating Soale: Follow these steps to prepare the rating scale: Solical Solvanions. In the left column of the table below, write down up to 6 behavior goals that you plan to rate (e.g., step in seat, complete seatwork, work well with others, participate in the activity, keep workspace clear). Choose a Schedule for Completing the Rating Soale. Decide when you will fill out this self-rating scale (e.g., after independent work; at the end of the school day; at the end of math class; just before funch and again at school dismissel). I plan to complete this rating scale on the following schedule:							
Student Name:	Behaviors: How well did I	Dete	2 Date Good Fair	Good Poor	Good Fair	5 Dete Good Fair		
Sund	•	☐ Good ☐ Fair ☐ Poor						
	•	☐ Good ☐ Fair ☐ Poor						
	•	☐ Good ☐ Fair ☐ Poor						
	•	☐ Good ☐ Fair ☐ Poor						

Indiv			
Schedule	Student Rating	Teacher Agree/Disagree	Points Earned
Breakfast/Morning Work	000		1 0
Morning Meeting	00		<u>_</u> 1
Writing	00		1
Shared Reading	© (3)		1 0
Dally Reading Block 1	00		1 0
If 5/5 Points Ed	arned = REWARI)	/5

Points					
_ 1	I Stayed On-Task by Starting, Continuing and Finishing My				
	Work. I Followed Directions.				
	I Did Not Stay On Task and Was				
	Distracted. I Did Not Finish My				
	Work.				

Individual Self-Monitoring Example



- Goal setting
 - Start by creating long-term goal
 - Break long-term goal down into smaller short-term goals
 - Work with student to track progress and reinforce when goals achieved
- Individualized Organization Plan
 - Incorporate self-monitoring and incentives
- Individualized Homework Contract
 - Utilize goal setting, a written contract and rewards
 - Focus on breaking assignments down to smaller, more manageable tasks
 - http://www.interventioncentral.org/academic-interventions/study-organization/homework-contracts-tapping-power-parents



- Homework Club
 - Before and after-school support with homework
- Responsive Plan
 - Includes alternative seating options, break options, alternative means to complete assignments, etc.





ACTION PLANNING

School:	Date:
Domain to Target	
Goal	
Interventions	1.
	2.
	3.
Target Students/Group/Level	
Where will intervention occur?	
When will this intervention occur? (frequency, duration, time)	
Who will be implementing this intervention?	
How will we evaluate progress?	



School: Date:

Task	Timeline	Who is Responsible?



 Over the next few weeks – I challenge you to choose a teacher or group of teachers to implement one or more of the (MANY) strategies discussed today

Utilize the action plan form to develop a plan and monitor progress

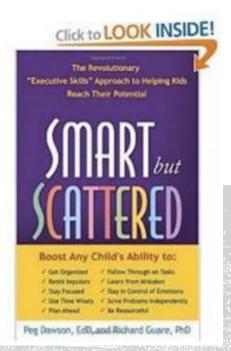
Bring feedback/data with you next time you meet as a group and

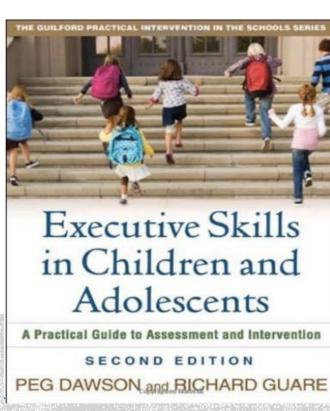
discuss

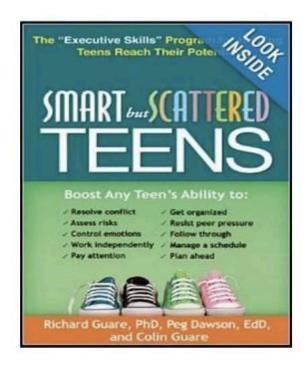


RESOURCES











QUESTIONS?

Contact Information:

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