

Kristin McMurrer and Carolyn Kruk
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SAIS Academic Support Conference



Woodlynde School

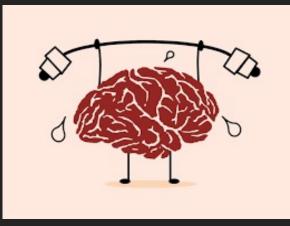
- Founded in 1976
- Kindergarten Postgraduate
- College Prep
- Language & math-based LD
 - Executive Function Skills
 - ADHD
 - Auditory Processing



What does a lack of executive function skills look like in the classroom and in daily life?









What the EF?

What are Executive Functions?

"A neuropsychological concept referring to the cognitive process required to plan and direct activities, including task initiation and follow-through, working memory, sustained attention, performance monitoring, inhibition of impulses, and goal-directed persistence."



Image courtesy of Bronxville Public Library

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ORGANIZATION: Losing papers, not saving documents in the right place, not looking physically presentable, forgetting your sports uniform, disorganized binder, desk, locker

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Image courtesy of Bronxville Public Library

Dawson, Peg, & Guare, Richard (200

Skills in Children and Adolescents.

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TIME MANAGEMENT:

Starts at the last minute, doesn't anticipate roadblocks, length of time assignments should take, arriving places on time, setting alarms, long/short term planning

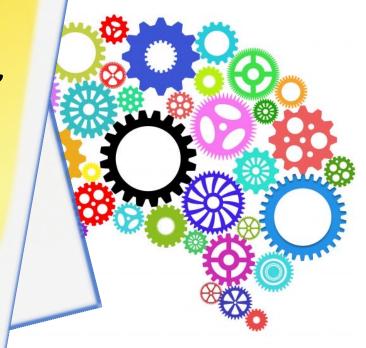


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SELF-MONITORING: Having control of your actions, knowing how well or not well you are doing in your classes, doesn't proofread or implement study strategies



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GOAL DIRECTED PERSISTANCE: Setting realistic goals and knowing the steps and persistence required to achieve them, disorganized approach to problem-solving



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What are

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TASK INITITATION:

"Just sitting there",
overwhelmed by large
tasks or tasks with
multiple steps, not sure
how to get started



Image courtesy of Bronxville Public Library

What are

A neuro referring t required to p including tas through, wor attention, p inhibition dire

SHIFT/FLEXIBILITY:

Difficulty stopping or shifting behavior, getting 'stuck', social skills difficulty, overreacting, need to do only 1 task at a time, refusal to consider new information



Image courtesy of Bronxville Public Library

Dawson, Peg, & Guare, Richard

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What strategies can we put into place?



Food For Though t

- "Can't you just try harder?"
- Not synonymous with intelligence
 - Rethink tests!
 - One subject versus another
- Relationships are affected
- They often don't know what they don't know
- No cookie cutter approach for all students
- Anxiety, ADHD

"Those with ADHD are generally about 30 to 40 percent behind their peers in transitioning from one executive function to the next. Therefore, it makes sense for children and adults with ADHD to have trouble dealing with ageappropriate situations — they're thinking and acting in ways that are like much younger people."



Always, Always... Safe environment

Structure

Direct Instruction

Model & reteach

Consistency

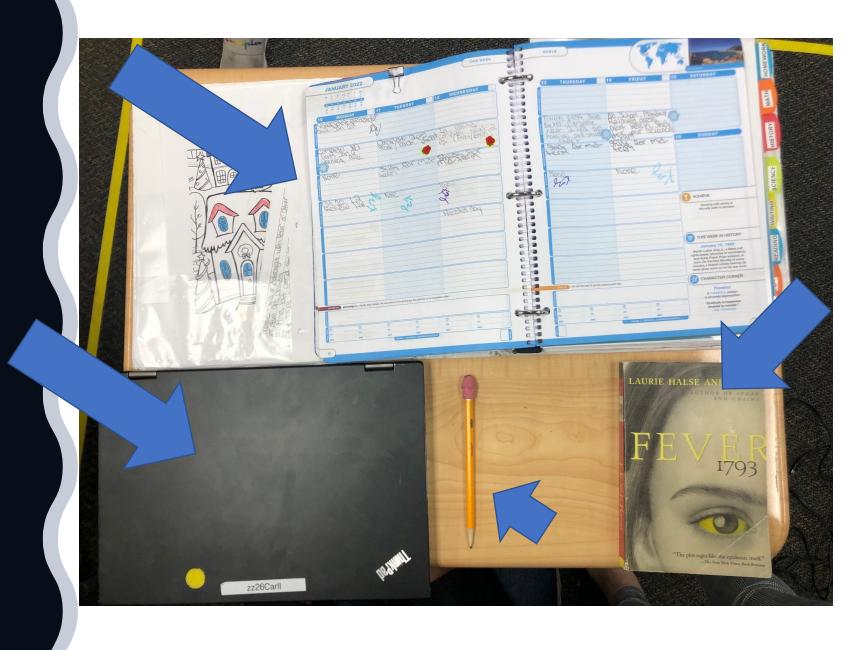


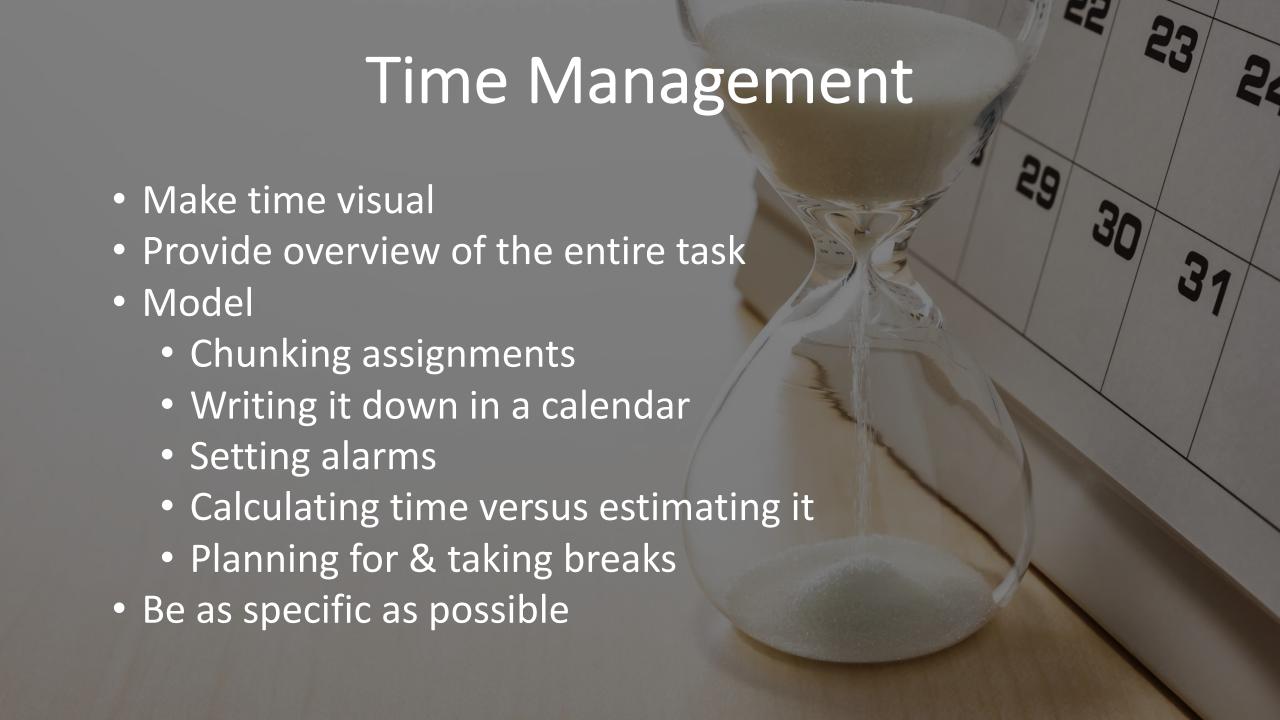
Organization

- Individual learning styles
- One set of directions
- Visual aids and modeling
- Verbal & nonverbal prompts & reminders
- Direction instruction

"Here is an image of what your desk should look like.

Can you
'match' it with
your own
materials?"





Steps to Long-Term Planning

- 1. Break the assignment into a specific task.
- 2. Estimate the time needed for each task.
- 3. Double the estimated time needed for each task.
- 4. Record target dates on a calendar for each task.
- 5. Begin immediately.



"How much time did you calculate this would take?"

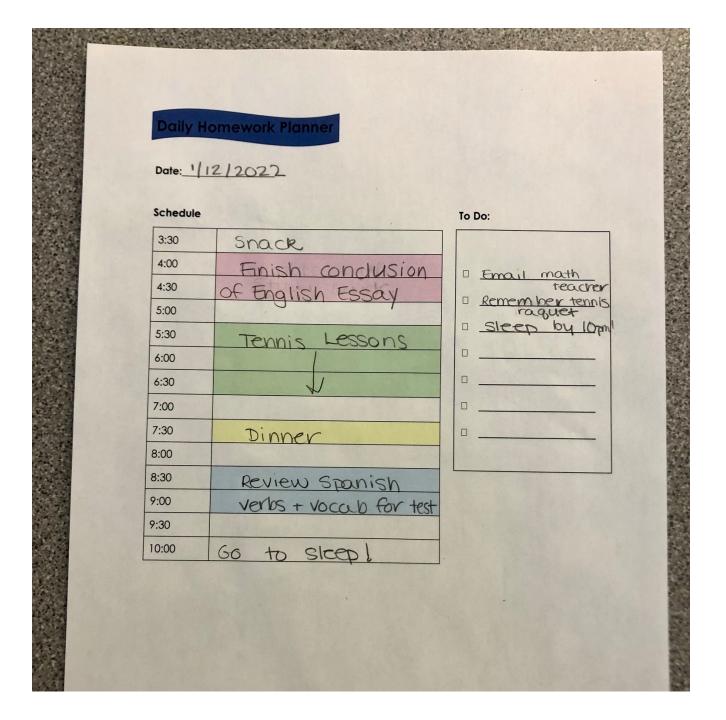
"I would like you take 10 minutes to complete this warmup activity."

"Look at how much time is left & how much of your assignment is left. Let's use this to adjust your pace."

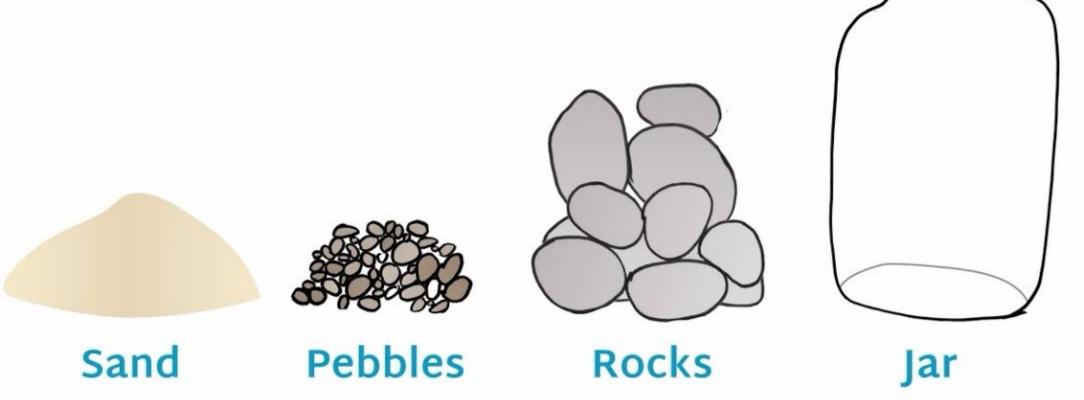


"Let's plan your schedule after school..."

"I love that you blocked off an hour for your English essay."



Prioritizing Your Life: Rocks, Pebbles and Sand



Self-Monitoring



- Growth Mindset
- Metacognitive questioning
- External reminders
- Accountability

Memory Check Chart

| Question | Answer | Immediately Knew the Anwer | Needed to Do a Memory Search | I Do Not Know |
|-------------------------------|--------|----------------------------------|---------------------------------------|------------------|
| What is mitosis? | | | | |
| Where is the nucleus located? | | | | |

"Let's think about what time management and organizational strategies we might already be using or what we might not be using."

| Becoming a Time Manager and a Goal Setter | | | | | |
|--|---|----|--|--|--|
| ANSWER, SCORE, and RECORD your profile before you read this chapter. If you need to review the process, refer to the complete directions given in the profile for Chapter 1 on page 4. ONLINE: You can complete the profile and get your score online at this text- | Access Chapter 4 Profile in your College Success CourseMate, accessed through CengageBrain.com. | | | | |
| book's CourseMate Web site.1. I use strategies to create a comfortable balance in my school, work, and leisure life. | YES | NO | | | |
| 2. I use a weekly schedule to organize my studying, work, and leisure time. | | | | | |
| 3. I try to make each scheduled day different so I do not get bored. | | | | | |
| 4. I often study for three hours or more in a row so I can stay current with my reading and homework assignments. | | | | | |
| 5. I usually study two hours during the week for every one hour in class. | | | | | |
| 6. I use a systematic four-step process for planning and setting goals. | | | | | |
| 7. I tend to have difficulty completing term-long projects on time. | | | | | |
| 8. I use task schedules to organize my short-term and study-block goals. | | | | | |
| 9. When faced with a list of short-term goals, I work to complete high-priority goals before working on goals with lower levels of importance. | | | | | |
| LO. I am confident that I have the skills necessary to manage my time effectively and to stay motivated to complete goals that I set. | | | | | |

Goal-Directed Persistence

ime Manager and a Goal Setter

FIGURE 4.16 ABC Method to Prioritize Goals

- 1. List all the goals your want to achieve within a specific time period.
- 2. Use the letter "A" to label your highest priority goals—the most important goals or the goals that you must complete in order to start other related goals.
- 3. Use the letter "B" to label the goals of medium importance and less urgency to complete.
- **4.** Use the letter "C" to label the goals of lowest importance and urgency—the goals you wish to complete after you achieve your "A" and "B" goals.
- 5. Prioritize the goals within your "A" list. Identify the order in which you will work on each "A" list goal. Continue prioritizing your "B" and "C" list goals.
- **6.** Use goal-setting strategies to begin working on your sequenced list of goals. As you complete one goal, start on the next.

Wong (2012). Essential Study Skills.



Task Initiation

- Chores or classroom jobs
- Visual cues or examples of the finished product
- Make a plan
- Chunk larger tasks
- Check-ins

"Let's work backwards from the example. Let's make a list of the steps to get to the final product."



The Universe

The universe is a stunning place to behold, and it is big enough to contain 10 trillion planetary like the one earth is part of! The universe is all of space, including all the matter, energy, and it. It is so big and there is so much in it. For example, you can see all the planets, different stars ar systems, galaxies, black holes, and many other things that are still undiscovered. The universe n around for almost 14 billion years, and it is constantly expanding. The universe is a fascinating led with solar systems, galaxies, planets, and so much more, and we are always learning new bout it.

The Big Bang happened 14 billion years ago. It was a Giant explosion where everything was . The universe grew very quickly from the size of an atom to bigger than a galaxy in a fraction of a No one knows the true size of the universe because it is still expanding. As the universe expands are always moving away from each other. Scientists believe that the universe may be flat to todate its enormity. The universe is extremely hot, but scientists think the universe is cooling, hight freeze eventually.

Stars are balls of gas that are superhot. They are made of helium and hydrogen that have been ssed together by gravity. Our sun is a star that is young and small. normal stars Red (small) medium) and Blue (large). The larger stars are hotter. Dwarf stars are very small stars. Red and itars are dwarfs because they are smaller stars. Most stars are red dwarfs the smaller stars live longer Giants are Blue (normal stars) and Red (expanding star). Giant stars usually die faster mous stars are Proxima Centauri, the closest star to earth (other than the sun) and Betelgeuse

(one of the largest and brightest stars) and Sirius which is the brightest other than the sun. A star's lifecycle You can determine a star's age by its color and size. It starts as a nebula, a cloud of particles. Gravity pulls all of the dust together and it gets hotter to form the star. It burns for billions of years until there is no more hydrogen. It gets bigger and is called a red giant. It collapses and either becomes a white dwarf or a black hole.

Black holes are where gravity is so strong that it sucks in everything around it. Nothing can escape, even light. We cannot see them because they do not reflect light. Weird things happen around them, like distortion of time and appearances. They are formed by exploding stars, called a supernova, that become very tiny and dense. They become bigger by sucking in other things. The event horizon is the

"point of no return" where once you are this close, you cannot escape the black hole.

I chose this topic because space is remarkably interesting. The universe began an exceptionally long time ago with the Big Bang and is expanding. There is so much in the universe, like the galaxies, stars, and black holes. We have barely even scratched the surface of what there is in space, and there is so much more to learn.



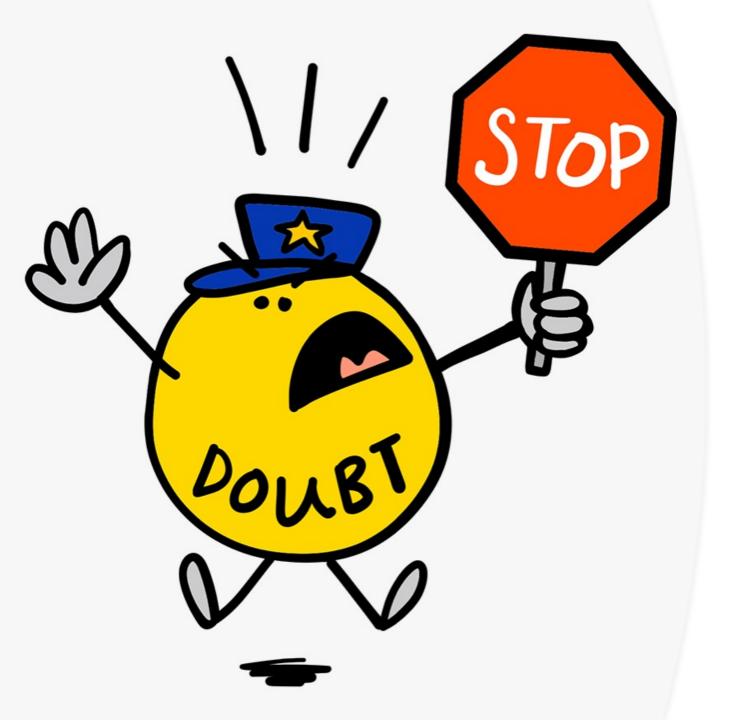
SHIFT & FLEXIBILITY

- Providing limited and very specific options
- Modeling, teaching and encouraging "flexible" problem-solving skills through routines
- Provide advance warning of shifts in schedules
- Awareness of antecedent conditions



"Dear Students,
Mr. Platt, our gym
teacher, is out
today. Instead of
gym, we will go to
the playground..."





When In Doubt...

- Growth mindset
- Learning styles & needs
- See the big picture
- Honor the critical thinker
- Explicit direct instruction
- Achievable goals
- Timely and specific feedback
- Celebrate the smallest win

CELEBRATE THE SMALLEST WIN!

- "Thank you for having your strategic planner out on your desk, ready to write your homework down."
- "I heard you ask your teacher for clarification on your homework assignment."
- "I saw you saved your document in the right folder. Wasn't it easy to find when you needed it for homework?"
- "I noticed you took the time to put your math homework in the math section of your binder."
- "lam proud of you for choosing from the two options of what to do when you finished your test."

"I knew I had strengths that other people didn't have, and my parents reminded me of them when my teachers didn't see them...My wife can't always figure out what the heck I'm thinking, and my kids want me to focus on just one thing. I find it difficult. It's hard for me to do the mundane things in life. I have an easier time planning a 20-aircraft fleet than I do paying the light bill."

> -David Neeleman Founder, JetBlue Airways



TABB Reflection

T: the most valuable thing you are taking from this session

A: Action(s) you'll be taking because of this session

B: **Barrier(s)** you may need to overcome

B: **Benefit(s)** you'll accrue from overcoming barriers

Sources and Resources

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