TRI-STATE WEBINAR SERIES

"Job Talk" Developing Independent Executive Function Skills

Presented by: Sarah Ward, M.S., CCC/SLP Speech and Language Pathologist











Tri-State Autism Spectrum Disorder Webinar Series

This presentation is a collaborative effort between the following:



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Learner Objectives

- Name the 4 features of Situational Awareness and state the importance of Role
- Define Mimetic Ideational Information Processing
- Define Semantic Psychological Essentialism
- Identify 3 different ways 'job talk' can be used to increase initiation, task planning and self regulation

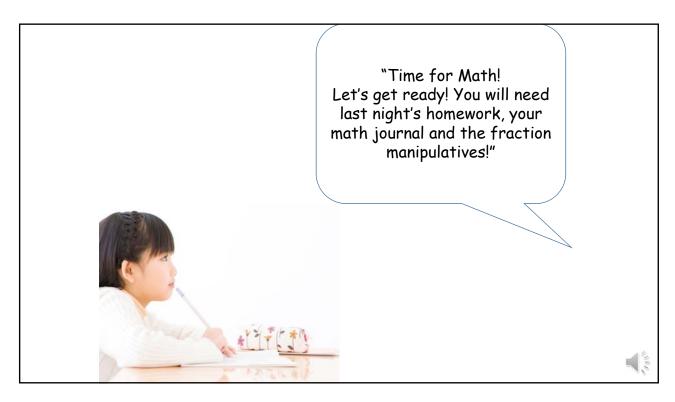
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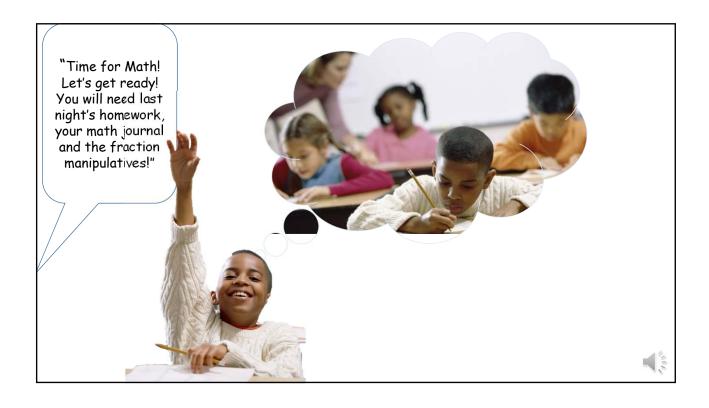
Presentation Summary

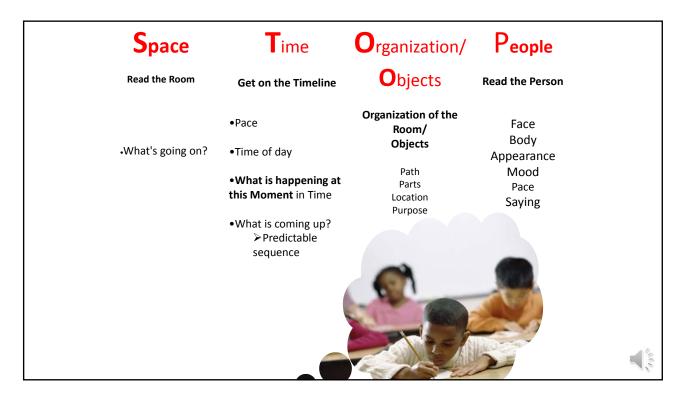
- A New Understanding of Executive Function: the 360 Thinking™ Model
- The key features of situational awareness: Space, Time, Objects, People
- The importance of imaginary play and the concept of 'role' in the development of executive function skills
- Semantic Psychological Essentialism
- Job Talk from pre-school through Adulthood

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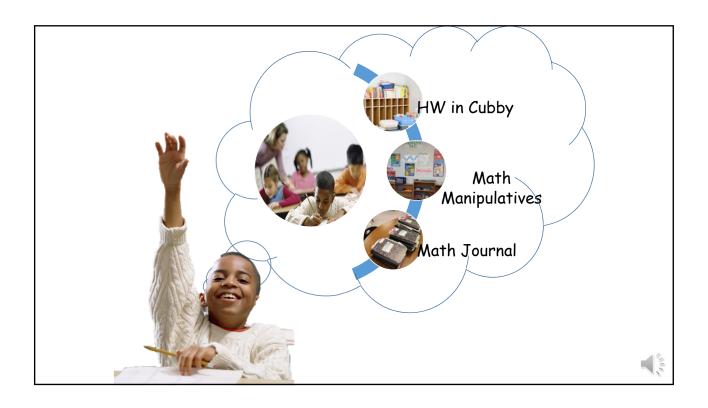


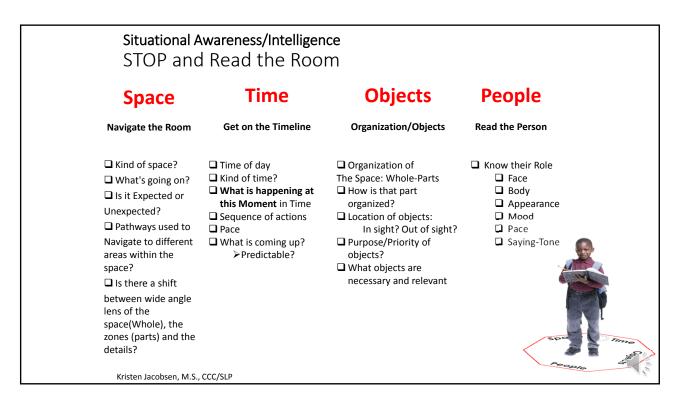




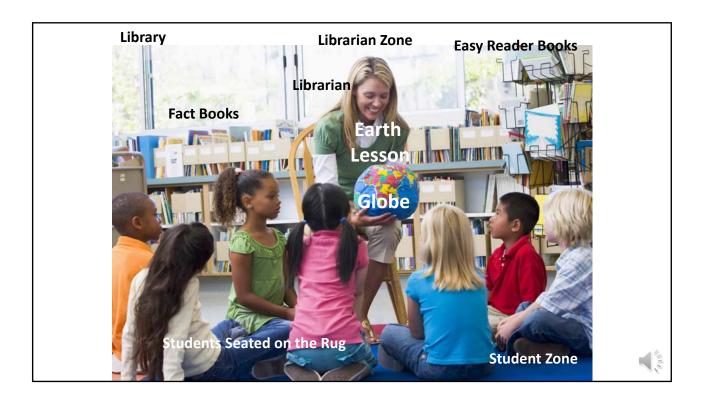








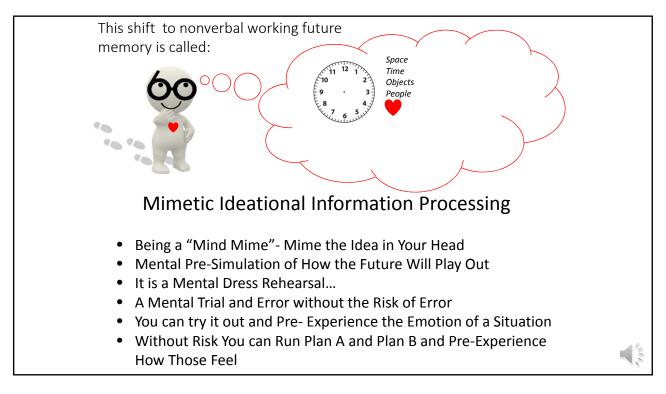














Elements of Future Thinking 'The Mind Mime'

Make an Image: Schematic Future Thinking:

STOP What will it look like?

Episodic Future Thinking: What do Look like?

Prospective Visual Motor Memory: How am I Moving to achieve this?

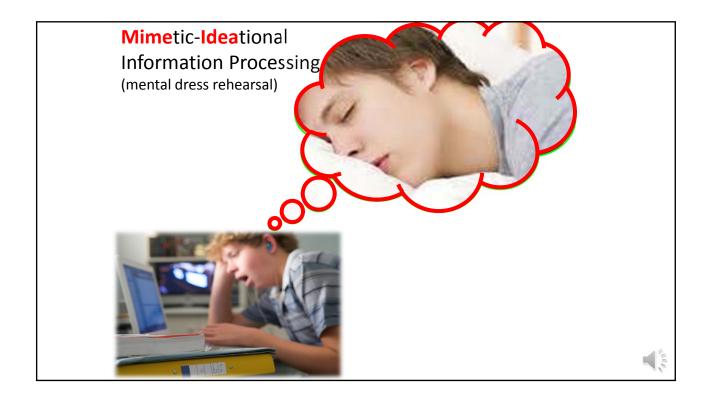
The Future Emotion: How will I feel?

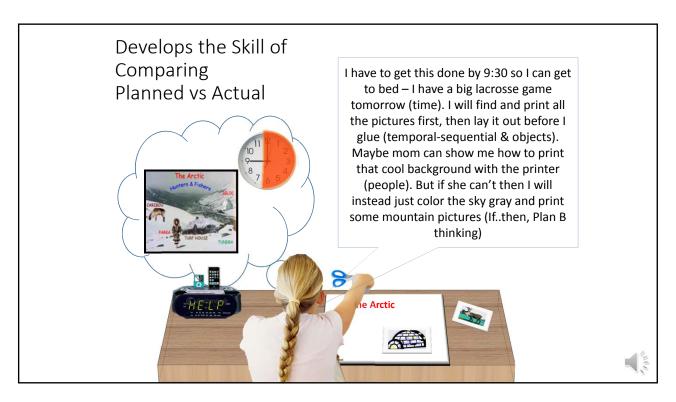


Elements of Future Thinking



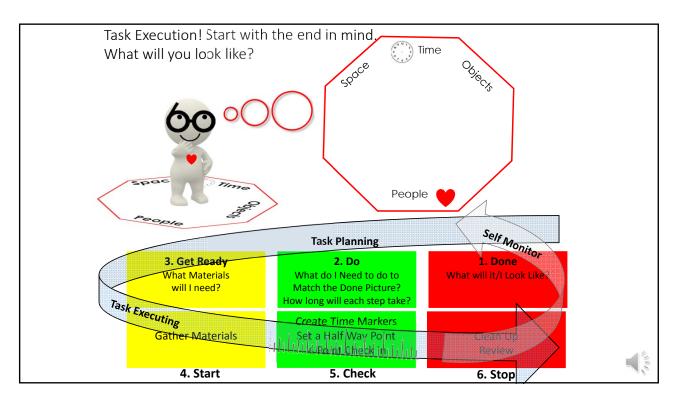




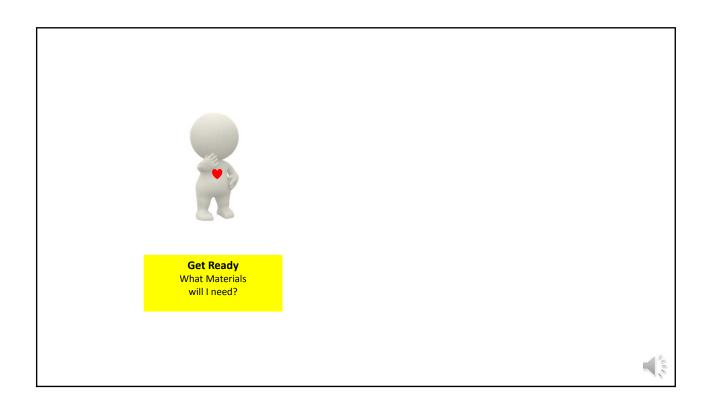


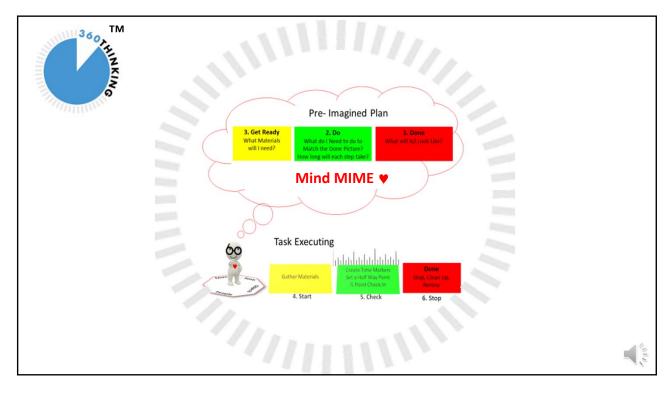






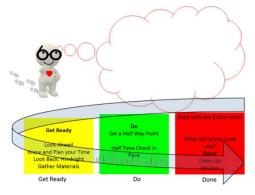








Remediating EF Skills



Repeatedly practice:

Self-monitoring, self-stopping, seeing the future, saying the future, feeling the future, and playing with the future so as to effectively "plan and go" toward that future. (Barkley 2012))

Barkley, Russell A. Executive Functions: What They Are, How They Work, and Why They Evolved. New York: Guilford, 2012.



THE DEVELOPMENT OF FUTURE THINKING The Development of Future Thin









How Children Treat Objects Levels of Representational Play*

- 1. Show that you know what the object does.
 - Put a cup to your lips.
- 2. Self-Pretending:
 - Actually pretend with the object.
 - Pretend to drink with the cup.
- 3. Other Pretending:
 - Use "others" as the agent of the object
 - Use a doll to drink out of the cup
- 4. Combinations
 - Doing more than one thing with the object
 - Drinking and pouring with the cup. A tea party with the cup.
- 5. Hierarchical Pretend Episodes:
 - Thinking and Planning Ahead in Play
 - Setting out the table, making a high chair for baby in preparation of using the cup
- 6. Symbolic Representation:
 - Using something abstract to represent the object
 - Using block as a pretend cup

*Lorraine McCune



Play Sequences: Developmental Norms

- 2-3 years: short self-limiting single schema sequences
- 3-4 years: Multi-scheme sequences encompassing broader time frames they link sequences together.
- 4-6 years: PLANS the sequences out, coordinates roles, uses language to set the scene

Karole Howland, M.S., CCC/SLP





Mature Make Believe Play: PROPELS Executive Control Skills

Plans

Roles

0

Props

Extended Time

Frame

Language

Scenario





Tools of the Mind, Deborah Leong, Learning and the Brain Conference; Executive Skills for School Succe

Stages of Play

See the article 'Play Propels'

Stage 1: First Scripts – Object Oriented

Example: Car pushed and child says "vroom vroom"

Stage 2: Roles in Action

Example: Child wears high heels and acts out "mommy"

Stage 3: Roles with Rules and Scenarios: Child coordinates pretend actions with a play partner/s.

Example May correct partners if they do something wrong. For example the patient uses the stethoscope when they are the 'doctor'

By Elena Brodova: Young Children January 2012



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Stages of Play

Stage 4: Mature Roles, Planned Scenarios and Symbolic Props

The child plans scenario in advance & scenarios last over hours or days, complex roles, scenarios change as action unfolds.

Example: Not just play 'airplane' play the whole scenario of taking a trip, going to the airport, flying, etc.

Stage 5: **Director's Play**: planning and negotiating pretend actions takes more time than carrying them out. The child may play multiple roles and 'direct' and 'act out' the play with imaginary play partners, stuffed animals, etc. No longer needs a prop to stay in the role (executive function future imagination!!!!) Uses themes from stories and literature.

By Elena Brodova: Young Children January 201

Play Plan: Create a Future Sketch

- Sketch What They Will Do In Advance
 - Future Goal What might happen?
 - Can focus on play over longer periods of time
- Serves as a Mediator for Memory
- Creates Distance from the Role
 - Reduces disagreement

"Was that part of the plan?"

- Allows for Reflection
 - Did the play go as planned?

Plans



K

O D

E

L





Play Plan: Scaffolded Writing

Supports Writing:

Model: Begin on the Left and Move to the Right

Mediator: **★**on the Left to Remind Where to Start

Independent: Asterisk no longer on the page





Have Your Child Sketch Their Plan







Being the Agent of the Action!





• Pretend to be Someone

- Inhibit behaviors not associated with a Role: Stay in that Role
- Switch Roles Multiple Times
- Rich roles that are multifaceted:
 - what are the various social relationships?

Roles



R O P E L

• Must be Symbolic

- Use Props to Define Who they Are (chosen role)
- Child Made Not Bought
 - Makes the prop more meaningful
 - They used their intellectual energy to build it
 - · Now it is their intellectual property

Props







Extended Time Frame

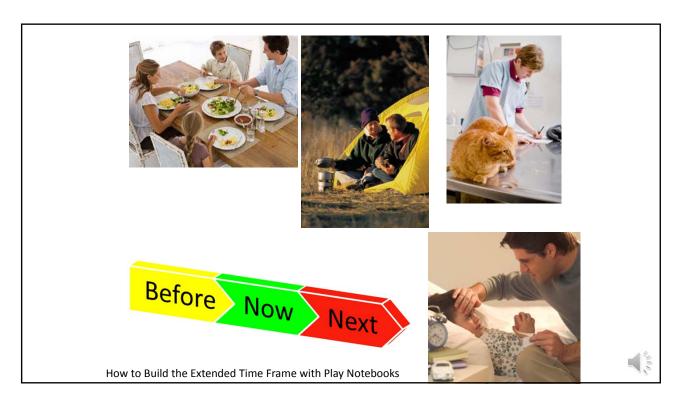
- Now
- Today
- Tomorrow
- If....then.....
- After that.....
- Next.....
- Act out Chapter **Books**













- Role Speech
 - Use vocabulary, intonation and sentence structure to fit a specific role
- Improves vocabulary
 - Give new names to props
 - Paper plate: 'steering wheel' vs 'thin crust pizza'
- Become the Role
- Increase world knowledge
 - Restaurant
 - Make a reservation
 - What are the specials
 - Are there kid's meals?
 - What time do they open?
 - Do we need to dress up?

Language





Mimics Real Life Scenarios

- The life and time of everyday life or the life and time of the book
- The Whole Classroom vs the Drama Corner
- Use field trips, videos, guest speakers to build the child's knowledge
- Expand from a concept in literature –
 'dinosaur' to a scenario 'dinosaur dig',
 a paleontologist, a museum

Scenarios









Play Grows Up

Plans - What will I look like?

Roles – What role do I need to fulfill?

0

Props – What materials will I need?

Extended Time Frame – What's my time frame?

Language – What self talk do I need to use? How will I talk with others?

Scenario – mental dress rehearsal –the Mind MIME Skill





Have a Notebook of Play Themes

Kohl, M. (2008). Dramatic play center ideas. http://www.canteach.ca/elementary/drama8.html







'Veterinarian' Imaginary Play





- Symbolic representations
- •Future goal
- •Complex interwoven themes
- •Rich roles that are multifaceted
- •Extended time frame

Plans:

Roles:

0

Props:

Extended Time Frame:

Language:

Scenario:





'Camping' Imaginary Play



Plans:

Roles:

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Props:

Extended Time Frame:

Language:

Scenario:



'Shopping' Imaginary Play



Plans:

Roles:

0

Props:

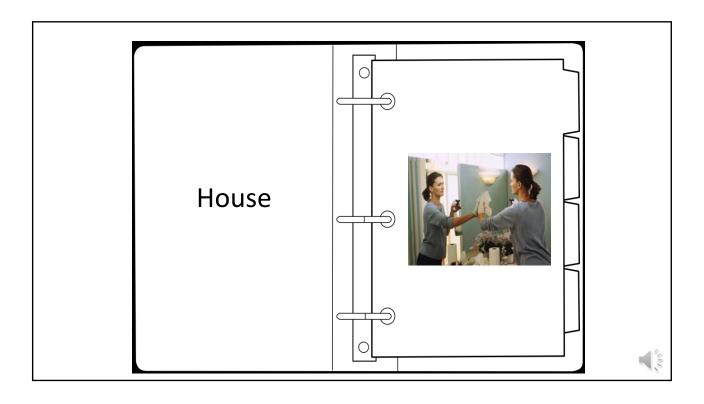
Extended Time Frame:

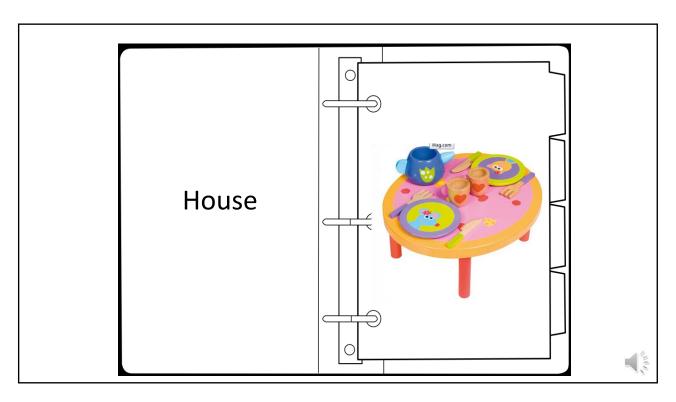
Language:

Scenario:



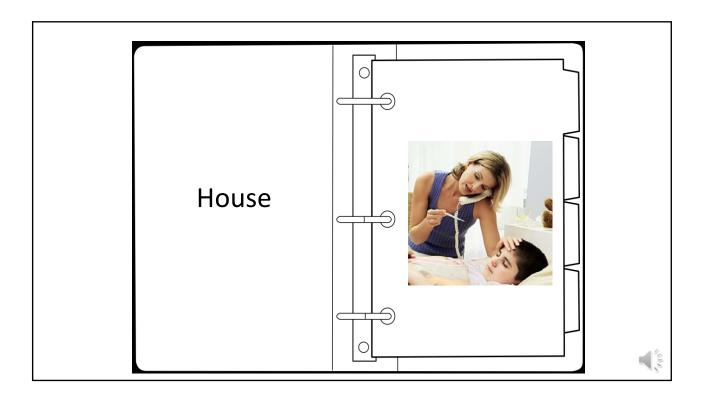


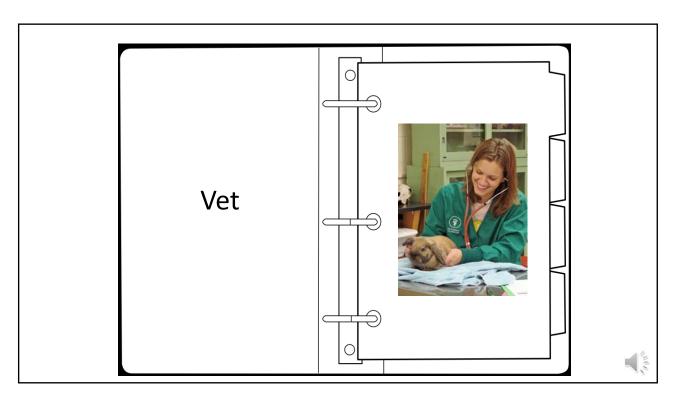






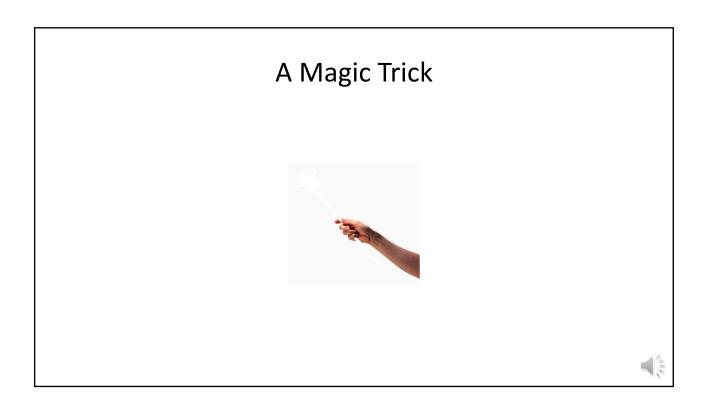
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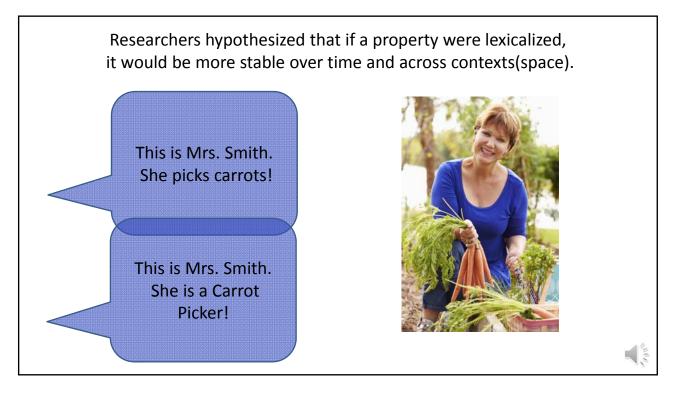






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Job Talk! (Semantic Psychological Essentialism)



Trick: Turn the action into a "job" and name for the child their "job title"

- Develops Nonverbal Working Memory
- Creates Immediate Structure for the Child
- Accesses Procedural Memory
- Limits Emotional Reactions

Turn the Verb/Action word into a Noun label (add –er)





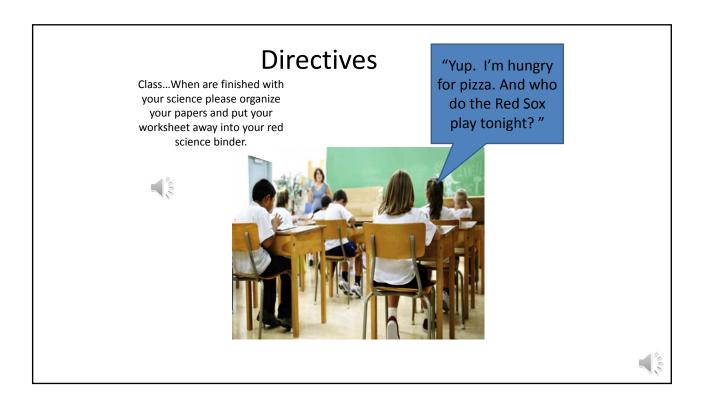


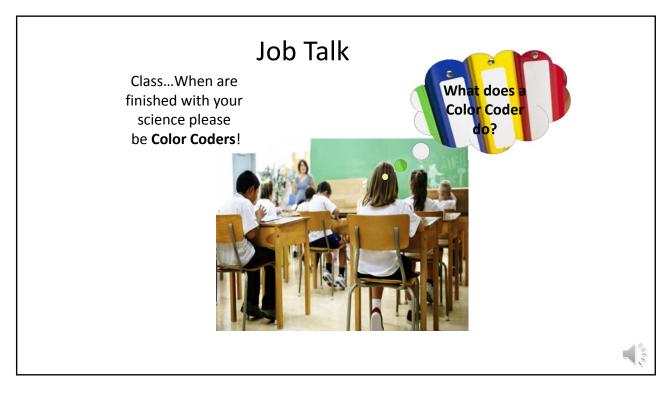
Teaching Students in the Moment to "Think in Pictures"















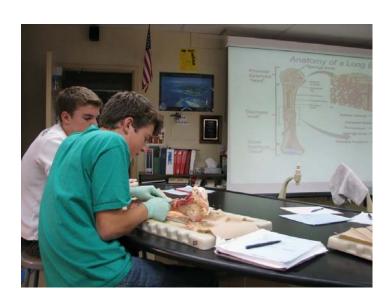
Action (Verb Label)	Job (Noun Label)



Action	Job
(Verb Label)	(Noun Label)







Action	Job
(Verb Label)	(Noun Label)

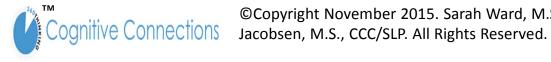




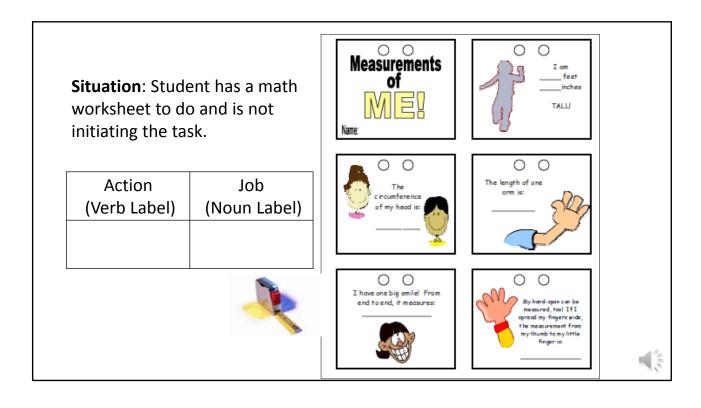
Situation: Student is Not Engaged in Packing for the 2 day Outdoor Adventure Camp

Action	Job
(Verb Label)	(Noun Label)



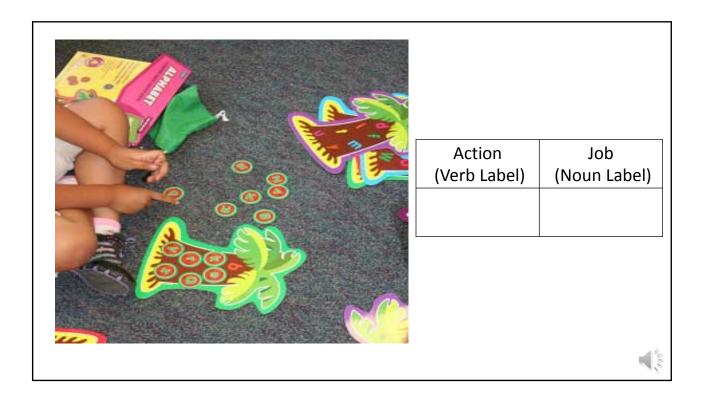


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A Cool Job idea from Pinterest





Meteorologist

Archeologist

Recreational Director

Historian

Photographer

Time Tracker

Linguist

Graphologist



Daily Scheduler

Class Editor

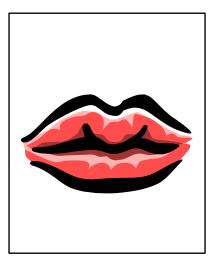
Lunch Taker





How Should I look in Class?

Am I a Talker or a Listener?*





*Tools of the Mind, by Elena Bodrova



Classroom: What is my job? My Job, My Tools, My Actions

- Mathematician
- Reader
- Writer
- Summarizer
- Detective!
- Psychologist (How is the character feeling?)







Job Talk & Older Students



Detective

It is your job to investigate new words.

Find 2 or 3 words that you don't know the meanings of.

Find out what they mean and be ready to share them with the group.

- Litera

Question Master

It is your job to think of 3 interesting discussion questions.

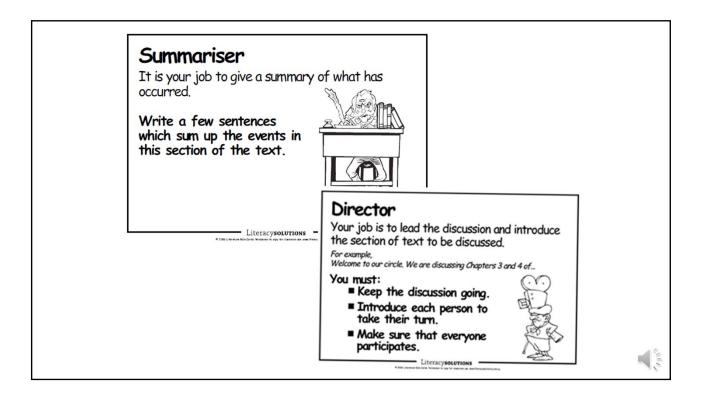
Try to think of questions that get your group to share their own thoughts and opinions about the book.

For example:

- What did you think about...?
- How would you feel if...?
- What would you do if...?







Summarizer

Job: Summarize the Chapter. Tools: "Somebody Wanted But So Worksheet"



Brian had to get the headset from the pilot. Had to reach over and get the headset from the pilot or he would not be able to use the radio to call for help. He had to reach over. .

His hands began trembling again. He did not want to touch the pilot, did not want to reach for him. But he had to. Had to get the radio. He lifted his hands from the wheel, just slightly, and held them waiting to see what would happen. The plane flew on normally, smoothly.

All right, he thought. Now. Now to do this thing. He turned and reached for the headset, slid it from the pilot's head, one eye on the plane, waiting for it to dive. The headset came easily, but the microphone switch at the pilot's belt was jammed in and he had to pull to get it loose. When he pulled, his elbow bumped the wheel and pushed it in and the plane started down in a shallow dive. Brian grabbed the wheel and pulled it back, too hard again, and the plane went through another series of stomach-wrenching swoops up and down before he could get it under control.

When things had settled again he pulled at the mike cord once



Brian wanted to control the plane but he felt really scared so he just forced himself to be brave and do it.





Job: Psychologist/ Feelings Finder

Actions: Read a Passage or Chapter!

☐ Determine how the character is Feeling!

Tools:

□Shades of Emotions Chart

Important! I Must:

• Identify 2 emotions the character feels!



Retrieved from http://www.juliahwest.com						
Intensity of Emotions	НАРРҮ	SAD	ANGRY	CONFUSED		
High	Elated Excited Overjoyed Thrilled Exuberant Ecstatic Fired up Delighted	Depressed Disappointed Alone Hurt Left out Dejected Hopeless Sorrowful Crushed	Furious Enraged Outraged Aggrivated Irate Seething	Bewildered Trapped Troubled Desperate Lost		
Medium	Cheerful Up Good Relieved Satisfied Contented	Heartbroken Down Upset Distressed Regret	Upset Mad Annoyed Frustrated Agitated Hot Disgusted	Disorganized Foggy Misplaced Disoriented Mixed up		
Mild	Glad Content Satisfied Pleasant Fine Mellow Pleased	Unhappy Moody Blue Sorry Lost Bad Dissatisfied	Perturbed Uptight Dismayed Put out Irritated Touchy	Unsure Puzzled Bothered Uncomfortable Undecided Baffled Perplexed		

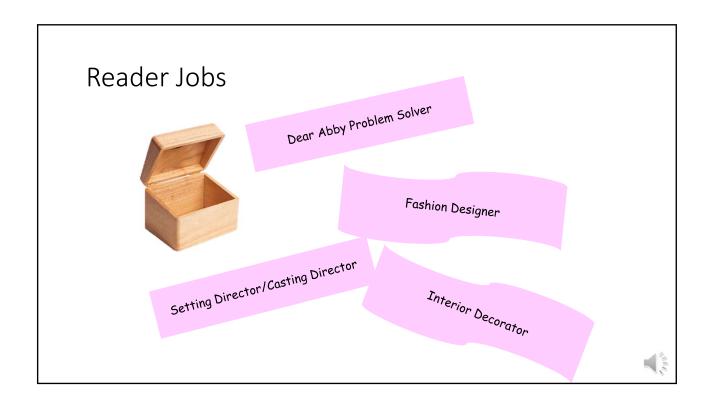


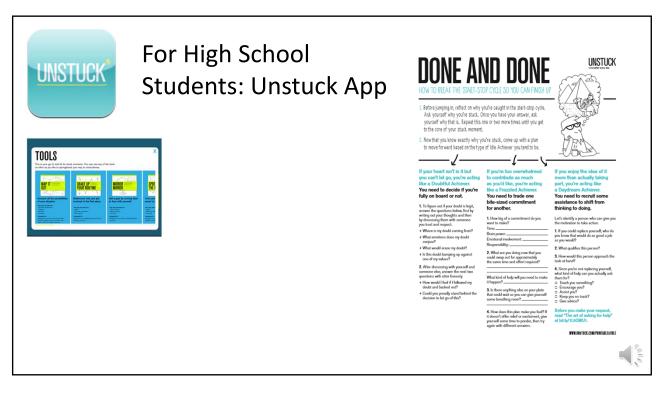
Retrieved from http://www.juliahwest.com						
Intensity of Emotions	AFRAID	WEAK	STRONG	GUILTY		
High	Terrified Horrified Scared stiff Petrified Fearful Panicky	Helpless Hopeless Beat Overwhelmed Impotent Small Exhausted Drained	Powerful Aggressive Gung ho Potent Super Forceful Proud Determined	Sorrowful Remorseful Ashamed Unworthy Worthless		
Medium	Scared Frightened Threatened Insecure Uneasy Shocked	Dependent Incapable Lifeless Tired Rundown Lazy Insecure Shy	Energetic Capable Confident Persuasive Sure	Sorry Lowdown Sneaky		
Mild	Apprehensive Nervous Worried Timid Unsure Anxious	Unsatisfied Under par Shaky Unsure Soft Lethargic Inadequate	Secure Durable Adequate Able Capable	Embarrassed		

Shades of Emotions









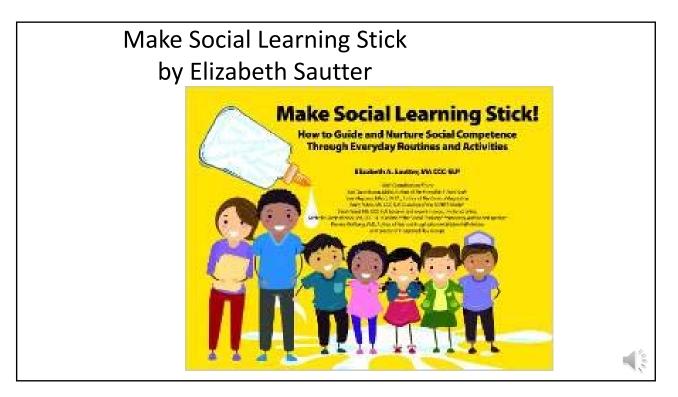


Can I talk to the 5% _____brain?

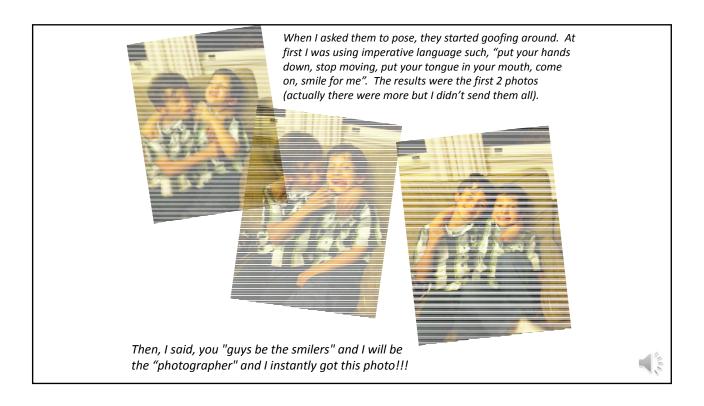
- Doer
- Cleaner
- Worrier
- Worker

<u>Therapy With Difficult Clients: Using the Precursors Model</u> <u>to Awaken Change</u>, by Fred J. Hanna









After the conference, I got home and noticed the garbage needed to be taken out. Instead of calling my son and saying, "Take out the garbage." I said, "Hey Tim I'm glad you're here in the kitchen. I need some help. Would you like to be my sanitation worker?"

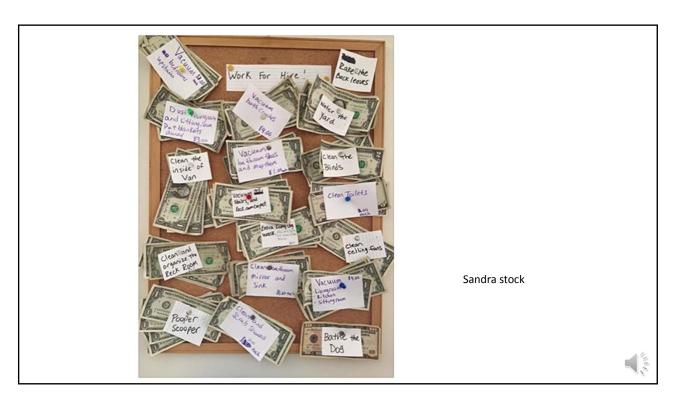
He replied, "Sure mom, that sounds so much better than just take out the garbage"

I have to tell you too, that over the weekend, I had the kids complete many jobs without complaining simply by giving it an "er" title. At one point my husband wanted the kids to clean the dirt off the driveway. The kids were upstairs playing xbox and I thought to myself "This is not going to work. I've been using this strategy all day. I'll give it a try but I don't think it will be easy." I went upstairs. My two kids and a friend were playing. I said, "Hey I need a scooper and a dumper" My daughter quickly responded, "I'll be the dumper. Then, "what does a dumper do?" The friend said, "Hey I want a job too." So then I said, "I need a sweeper too." So it was decided, my daughter was the dumper, the friend was the sweeper and my son was the scooper. Unbelievable success with no arguing! Thank you. Thank you. Thank you.







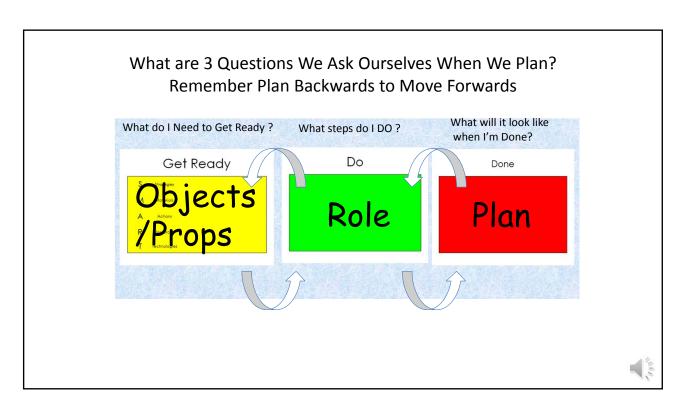




Elements of Future Thinking 'The Mind Mime'

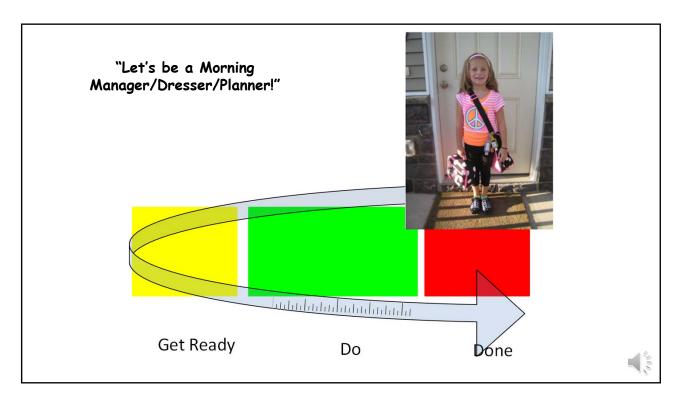
- Schematic Future Thinking:
 - STOP What will it look like?
- Episodic Future Thinking: What do I Look like?
- Prospective Visual Motor Memory: How am I moving to achieve this?
- The Future Emotion: How do I feel?





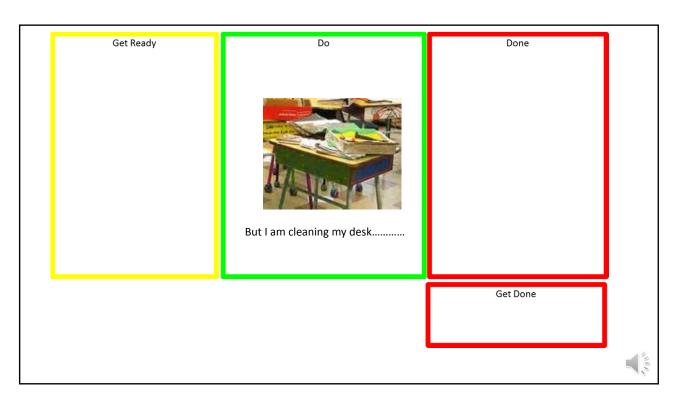




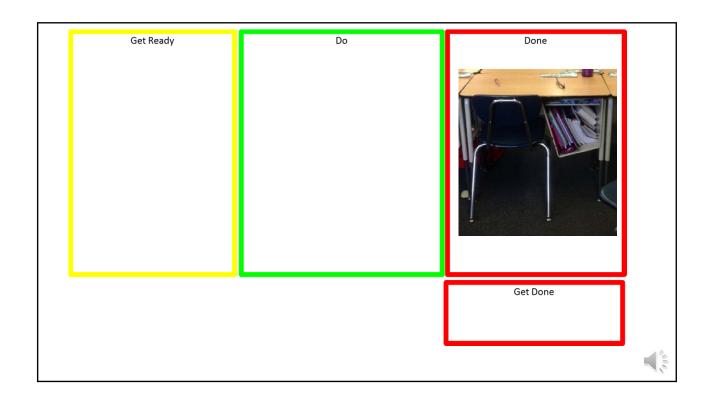


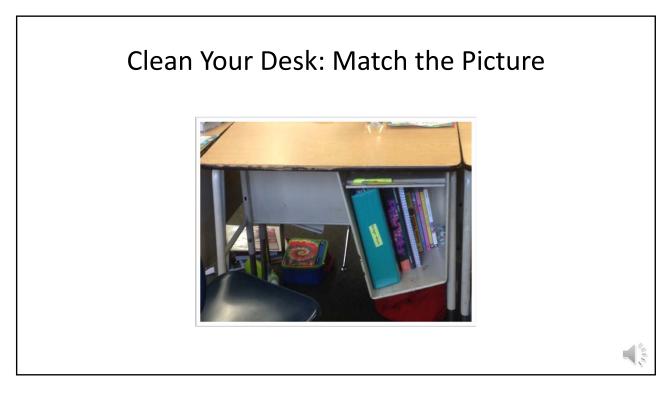








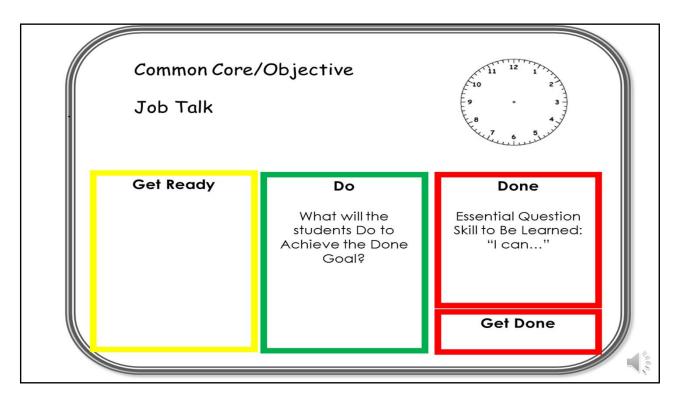




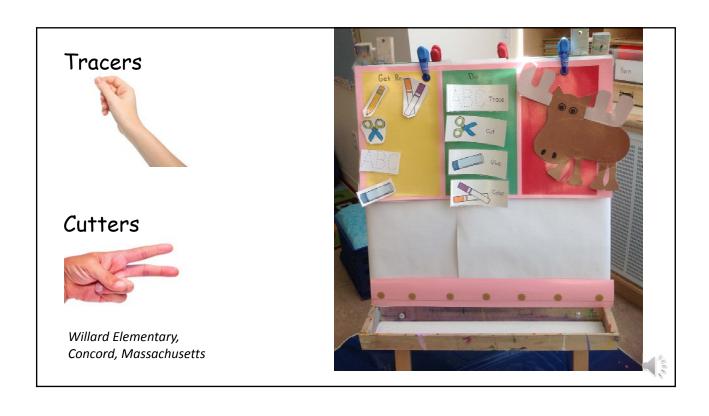


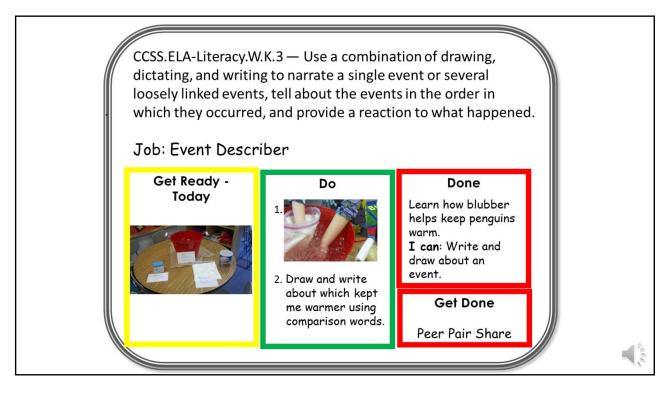
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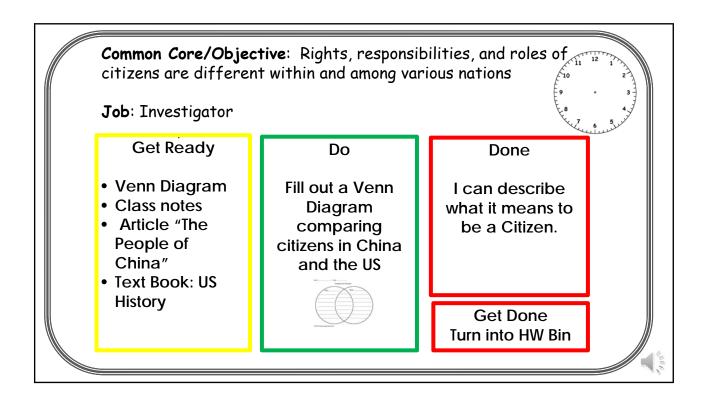


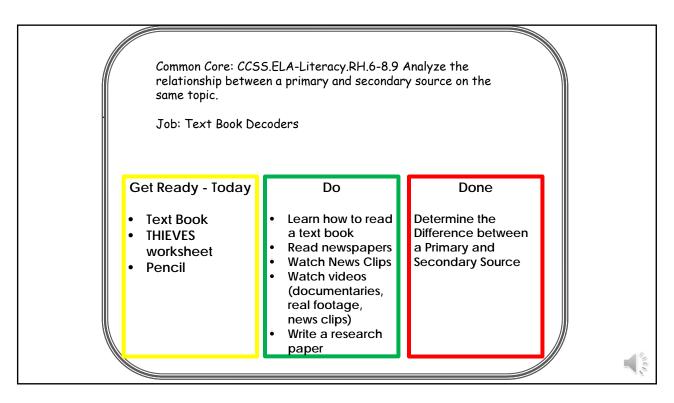




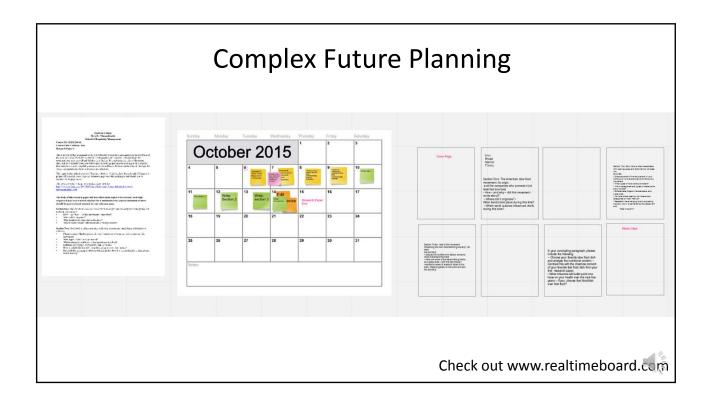


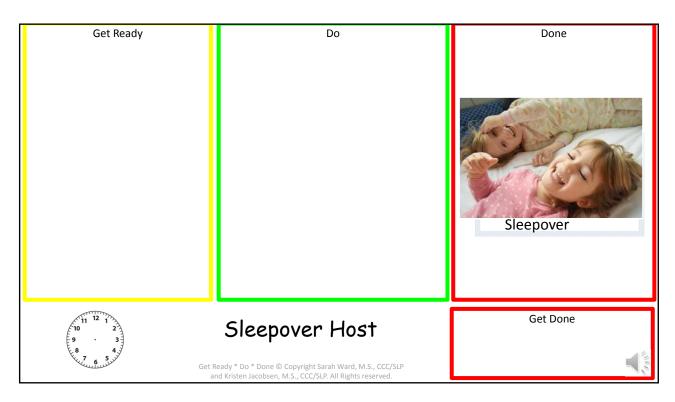




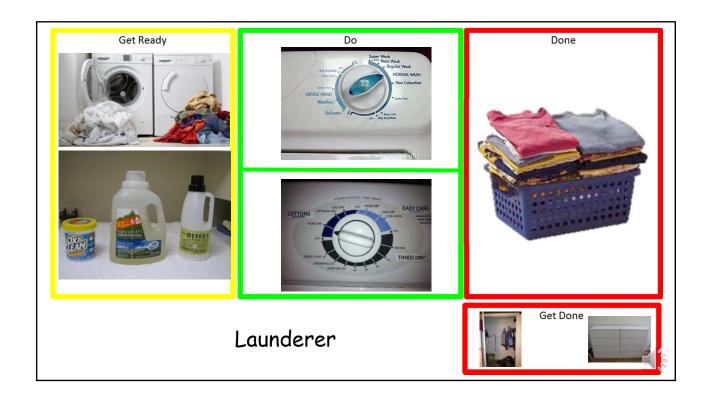


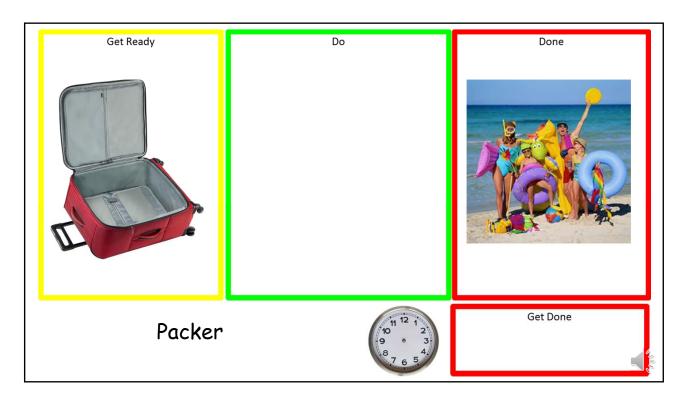






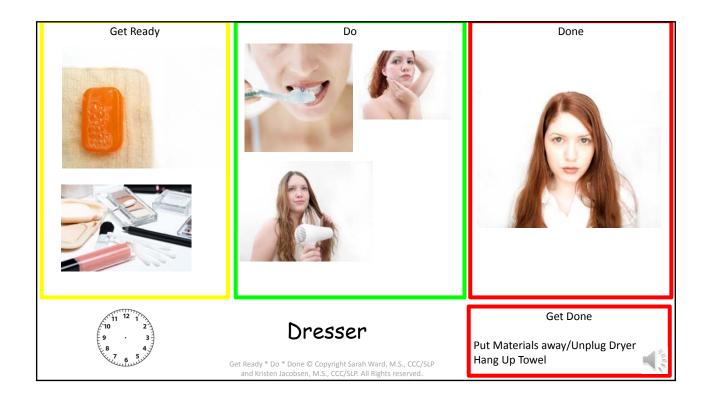


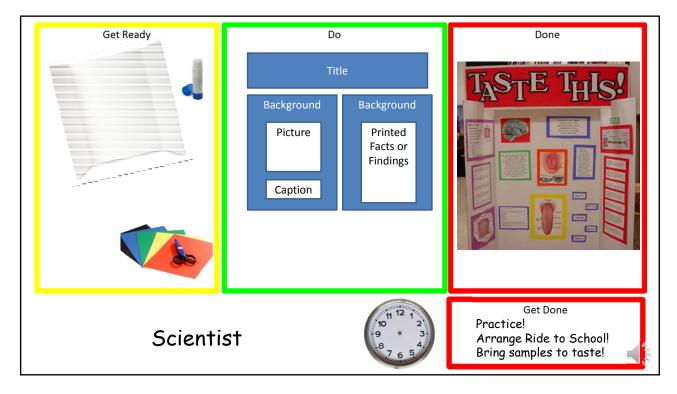






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Questions

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THANK YOU!

Sarah Ward, M.S., CCC/SLP, Presenter & Co-Author

Kristen Jacobsen, M.S., CCC/SLP, Co-Author







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