

S M R T S

Agenda

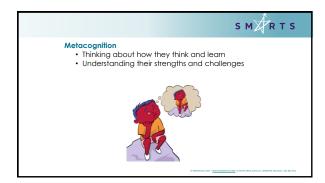
- Executive Function and Cognitive Flexibility
- Understanding EF Difficulties
- What is a Strategy?
- Purposeful Highlighting
- What Hat am I Wearing?

Q MERENDONES, 2008 | WWW.NEWNO-015-045 | 4 WITTH DRIVE, UNIT 20 | LEXENDONE, MEETING | 741-461-171

2



3



COGNITIVE FLEXIBILITY

S M R T S

Cognitive flexibility is the ability to think flexibly and to shift perspectives and approaches easily.

WHAT IS EXECUTIVE FUNCTION?

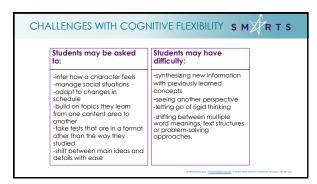
Executive function
We see it every d

Let's develop our

Scotte goiles

Letter and the first part of the firs

6



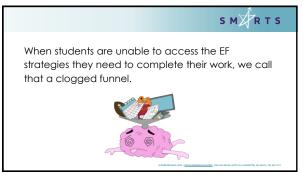
Thinking flexibly (aka cognitive flexibility) is essential! It helps students (and adults): - Shift from one perspective to another. - See the big picture, details, and everything in between. - Adopt new strategies when old ones aren't working.

8

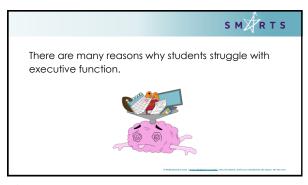
The work of Dr. Lynn Meltzer has often focused on the importance of cognitive flexibility, the "most important of all the EF processes.

9

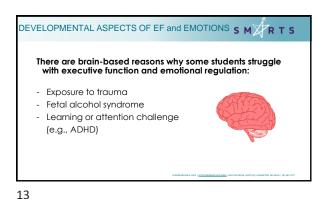




11



12



Many learning differences may predispose a student to struggle to think flexibly.

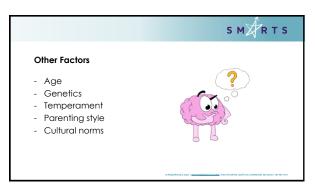
Students with LD may:

Be concrete thinkers

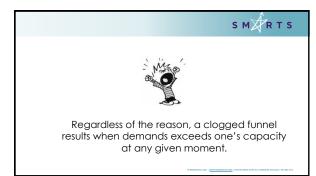
Be rigid and resist change

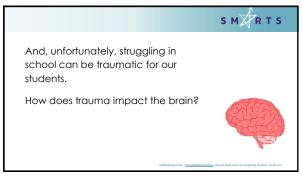
Be more comfortable with the big picture or the details, but struggle to switch between the two

14

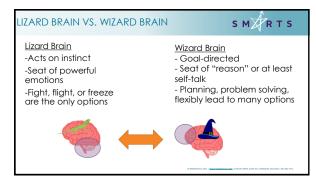


15

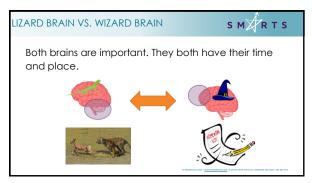


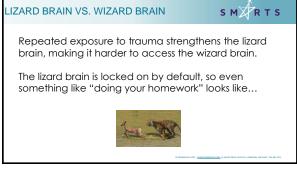


17

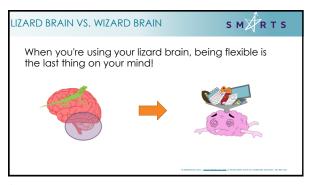


18



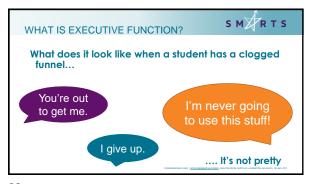


20

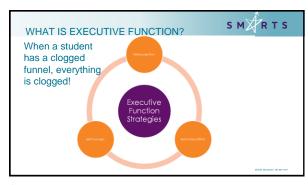


21

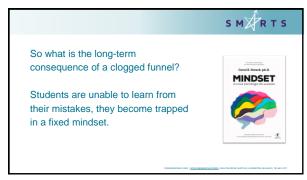




23



24





26

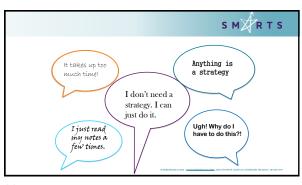


27





29



30



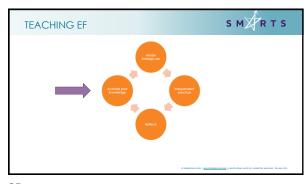
What strate	gy did you	use to com	plete the I	Spy?
Read the list then scanned the picture	Scanned the picture and then read the list	Found the items in order	Did the easy ones first	Broke the picture into zones
Looked for specific shapes	Looked for specific colors	Scanned the pic from top to bottom	Did the hard ones first	Other

32



33

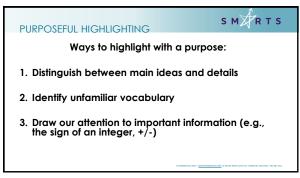


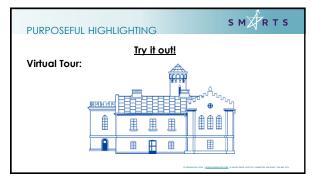


35



36





38

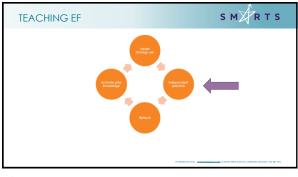


39



Upstairs, there were eight bedrooms. Mark showed Pete his mother's walk-in closet that was filled with furs and a safety deposit box filled with jewelry. His sisters' room was uninteresting except for the newly installed bathroom, which left the hallway bathroom for Mark alone to use. Mark grabbed the portable Xbox out of his sisters' room and carried it up to the third floor playroom, where they discovered a hole in the roof near the fire escape.

41

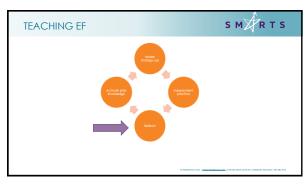


42

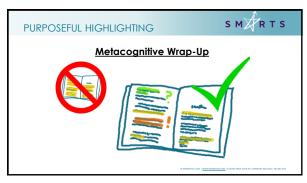




44

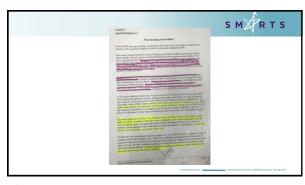


45

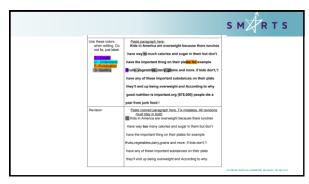


PURPOSEFUL HIGHLIGHTING Discussion Why might you need to look at the same passage from different perspectives? Why might purposeful highlighting be helpful when studying for tests? (Why should you avoid the "yellow page syndrome?") What are some examples of how you might use purposeful highlighting across the content areas?

47



48





50



51



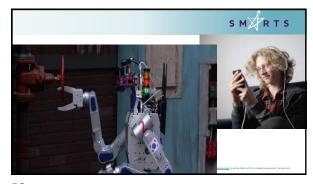


53



54

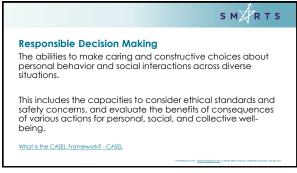




56

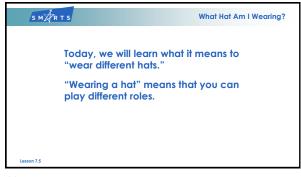


57





59



60





62

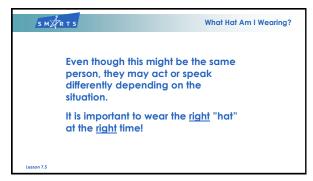


63





65



66





68



69

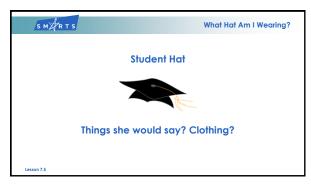


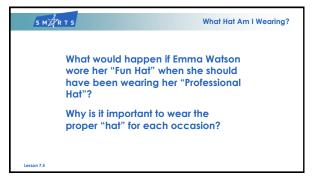


71



72





74

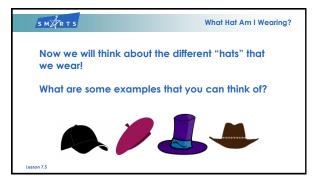


75



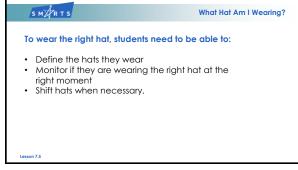


77

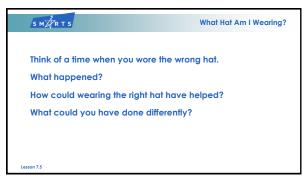


78

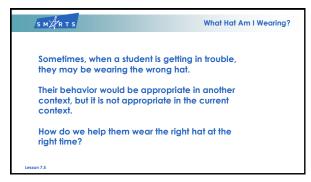


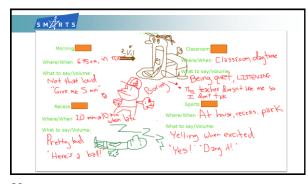


80



81





83



84





86



87