

MakesSenseStrategies. makesSenseStrategies.

16652 O'Quinn Rd. Northport, AL 35475 Phone/fax (205) 330-5813

SMARTsheets... graphic organizers on steroids!

Makes Sense Strategies (MSS) is composed of scientific research-based instructional procedures and resources designed for "watering-up" the curriculum, and was developed and validated by Edwin Ellis, Ph.D. (University of Alabama). Data from a range of scientific studies in schools have documented substantial increases in academic performance.

Makes Sense Strategies...

- * Is based on principles of brain-based learning & universal instruction.
- * Features use of cognitive elaboration strategies and higher-order thinking skills.
- * Focuses on essential understandings of big ideas rather than memorization of trivia.

Used when teaching...

- * Critical & analytical thinking.
- * Reading & listening comprehension.
- * Process writing & note-taking.
- * Vocabulary & abstract concepts.
- * Social studies, science, & math.
- * Social skills & character education.

MSS is implemented in...

- * Over 50,000 school districts across the U.S.
- * Preservice teacher-education programs in numerous universities and colleges.
- Professional development programs of six state departments of education that support statewide implementation of MSS.

How do SMARTsheets differ from graphic organizers?

At first glance, Makes Sense Strategies (MSS) appears to be a comprehensive collection of graphic organizers. What differentiates MSS from other graphic organizer resources is (a) its use of SMARTsheets, (b) a comprehensive set of instructional tactics for using them, and (c) an extensive collection of how teachers have used them across a wide range of subjects.

Makes Sense Strategies SMARTsheets are different from other graphic organizer resources in several fundamental ways, including use of embedded semantic prompts. These prompts are designed to:

- * Signal users to engage in robust thinking and information-processing strategies as they tackle important academic and social tasks.
- * Cue users to think about and process information in specific ways that are based on what research has shown to be very powerful language-based or brain-based cognitive learning strategies.

States wanting certain amount of independence WHAT? from Fed. Gov. when making decisions regarding What was the state issues (e.g., whether to have slaves) issue about States' Rights? One family may run their household differently from another, but both families have to obey Real-life Connection child-abuse laws so children are protected Lincoln had to make decisions that led to US WHO? Civil War - resulted in freeing Af. Americans from oppression of slavery & devastated Who was South's economy Abraham Lincoln? Bush made decisions that led to the Iraq war resulted in freeing Iragi citizens from dictator Real-life & oppressive government - but also resulted in Connection / Iraa civil war N v S political arguments about rights to have WHY? slaves, rights to capture escaped slaves, rights to impose tariffs that affect state's economy Why did the South secede from the Union? Some workers, believing they had been treated unfairly by their employer, leave their jobs and Real-life Connection start their own businesses.

"Questions Connections" SMARTsheet

"This Caused" Cause/Effect Graphic Organizer SMARTsheet

Is about... Fredrick Douglas & the Fight for Freedom an x-slave who became a strong leader in the fight to end slavery in US Caused this... This... Highly intelligent & articulate ex-Many people became actively slave began writing and speaking out involved in trying to end slavery Douglas provided realistic pictures Helped dispel myths about Blacks (limited in IQ, happy, needs supervising) of what slavery was really like Could debate evils of slavery with Helped bring into focus how 3 the smartest people in the nation immoral slavery was Provided a powerful counter-Caused people to examine their own example of low-intelligence myth racist attitudes and beliefs Laid the foundation for supporting Served as a rallying point that all minorities' rights enabled protesters to organize

So what? What is important to understand about this?

His ability to describe slavery in detail & provide extremely articulate arguments against slavery made Douglas a powerful abolitionist leader.

Types of SMARTsheets **Graphic Organizer SMARTsheets**

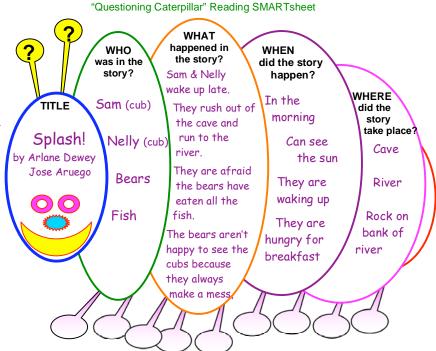
- * Provide the most extensive selection of graphic organizers (GOs) on the planet, thus enabling teachers to select from those that are very simple to highly sophisticated.
- Visually depict the four most common ways information is structured: hierarchic (whole-topart), compare/contrast, cause/effect, and seauence.
- * Contain embedded semantic prompts that signal information structures and cue students to engage in higher-order thinking processes such as drawing conclusions, relating the information to the bigger picture, and making real-world connections.

SMARTsheets 4 Listening & Reading Comprehension

- * Are designed for enhancing use of listening and reading cognitive strategies.
- * Offer a wide range of SMARTsheets provided for each of the following areas:
 - * Story Grammar * Literary Analysis
- * Character Analysis
- * Text Perusal * Questioning
- * Story Problem * Inferencing
- * Predicting
- * Contain embedded semantic prompts that cue use of powerful cognitive comprehension strategies, as well as topic-specific prompts. For example, the Character Analysis SMARTsheets contain prompts designed to target or focus student thinking on the essential elements involved when analyzing a character (e.g., appearance and personality of a character, role in the story, how the character changed).
- * Have become very popular among reading coaches, speech-language pathologists, and English as second language teachers.
- * Range in sophistication from those designed for use in the primary grades to those used at the secondary and college levels.

SMARTsheets 4 Vocabulary

- * Feature highly effective SBR vocabulary learning strategies associated with language-based cognitive strategies such as . . .
 - * Determining a definition's critical elements
 - * Summarizing & visualizing
 - * Determining examples & non-examples
 - * Relating to background knowledge
 - * Forming real-world connections
 - * Analyzing critical features
 - * Creating visual and audio mnemonic devices
 - Understanding new terms and concepts within a "bigger picture" context of the overall topic of study





Things people do to make money that harm the environment

Is a type or part of ...

Is a member of this group

DEFORESTATION

(Massive cutting down of large forests)

Key things to remember..

Trees cut down to provide land for crops to feed the growing population

Trees are harvested for lumber but not re-planted = no more forest

Actions address immediate needs but long-term effects may be harmful

Plants breath in CO2 → produce O2 Animals breath in $O_2 \rightarrow produce CO_2$

Is important because...

Negative consequences to deforestation = disrupting the carbon and water cycles, soil erosion, extinction of some plant species

Picture



Is like... (simile or analogy)

Is like tearing apart your favorite toy to get a battery out of it. You are destroying something important to you to get something that is useful out of it.



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Conclusion

SMARTsheets... graphic organizers on steroids!

- * Prove useful as pre-teaching tools (e.g., tools for pre-teaching new vocabulary associated with a forthcoming lesson).
- * Work well as well as post-instruction tools (used to review new vocabulary recently taught in the context of subject-matter lesson).

SMARTsheets 4 Process Writing

- * Are designed to enable students to produce well-organized paragraphs and essays.
- * Contain descriptive, narrative, expository, & persuasive formats.
- * Include specific strategies for pre-writing, producing, editing, & revising.
- * Range from those used at the emerging literacy level (primary grades) to those used by high school and college students.

SMARTsheets 4 Math Literacy

Focus on essential understandings of math as well as cue the use of thinking strategies in:

- * Mathematical concepts
- * Computational processes
- * Math rules/theorems

SMARTsheets 4 Project-based Learning

- * Provide an extensive array of project-based learning strategies for enabling students to plan and execute student-investigations and make presentations as a means for learning content objectives.
- Offer a wide range of resources for supporting student- (self), peer-, and teacher-based evaluations of both how well the project-based learning strategies were used by students and of the outcomes of their work.

SMARTsheets 4 Social / Emotional Literacy

- * Help learners understand social phenomena.
- * Develop character & emotional stability.
- * Increase social skills and strategies.
- * Extend perspective-taking ability such as: What people probably are thinking when . . How various people may view a situation differently . . .
- * Build self-regulation language skills such as . . .
- * Use of positive self-speech
- * Self-monitoring * Self-advocacy
- * Goal-setting

may be occurring.

* Assist teachers, behavior therapists, & counselors in focusing on critical aspects of analyzing problematic behaviors and why they "Process Writing" SMARTsheets



The Perdido Cemetery is about a place that is in the woods behind my house that is really scary. "Perdido" means lost so you may feel that way if you go there. The best time to go is late at night when the moon is full. To go inside, you have to open an old rusty gate that makes a scary squeak. You'll see huge old oak trees with Spanish moss hanging from the limbs. Wind blowing the leaves makes a spooky sound. There are old tombstones of all sizes everywhere. Some have fallen over. There are lots of indentions in the ground where graves caved in. You might hear a screech owl or hoot owl that sounds like a ghost. You might see bats flying over the graves. If you think you are brave enough, I'll take you there one night!

one night.

"Who Controls the Problem?" Social / Emotional Literacy SMARTsheet

ISSUE or PROBLEM	Things about this I can control	Things I have NO control over	
My parents are separated	Be equally supportive of each parent & control my own emotions	How they feel about each other & whether they choose to get divorced	Conclusion They don't have to be together for me to love both of them
Poor grades - not turning in assignments	Write down assignments & finish homework before watching TV	How hard the assignments are & how long they take to finish	Conclusion I need to force myself to get the job done on time even if I hate it.
Getting in trouble in Mr. Wilkes's class	Whether I say smart-aleck things to Mr. Wilkes	How boring social studies is.	Conclusion My mouth is screwing up my grade.
	Conclusion I can control my EAA (Effort, Attitude & Actions)	Conclusion I can't control situations around me or decisions others make	

SMARTsheets 4 Essential Understanding

- * Dramatically increase the focus and clarity of content-area subject lessons.
- * Feature a set of "Essential Understandings" about each of the most common topics taught in any science or social studies lesson:
 - famous **person** or **group**
- important event
 - significant place/geography impacting policy
- controversial issue/debate common belief
- important theory or idea war or conflict
- significant problem
- impacting invention
- important thing or object key process

For example, if the social studies lesson is primarily about a famous person, MSS provides a range of SMARTsheets that focus on essential understandings of any famous person.

Likewise, if a science lesson is primarily about a biological process, there is a range of SMARTsheets specifically designed to address the essential understandings associated with any process.

- * Present embedded semantic cues designed to prompt students to engage in highly robust critical thinking and language-learning elaboration strategies.
- * Include very powerful tools for guided notetaking, guided reading in the content area, planning writing about content-area subjects, assessing student knowledge about subjects.
- * Help to structure cooperative learning discussions about a topic.

"Influence * Action * Impact" Essential Understanding SMARTsheet

Ida Tarbell

Is about a person who ...

was a "muckraker" who reported on things the government needed to improve people's lives during the Progressive Era

Factors that INFLUENCED

PERSON

- the person's actions
- Many big businesses became monopolies forced small competing companies out of business & then raised prices.
- Abused workers (long hours & dangerous conditions)
- Hired children to work in factories

Notable ACTIONS of the person

- Investigated corruption in bia businesses like Standard Oil Co.
- Exposed abuses to workers
- Wrote books & magazine articles about the corruption in big businesses

IMPACT of this person on the world

- One of most influential muckrakers of Progressive Era
- Influenced Fed. Gov. to pass antitrust acts (prohibit monopolies) & other laws to protect workers and children

So what? What is important to understand about this person?

Investigative journalism exposes corrupt practices and social ills in society, encourages people to take a stand against the corruption & can lead to reforms.

SMARTsheets 4 Teachers are designed to enhance planning and delivery of "universal instruction," and they provide guidelines for how to use the various SMARTsheets when teaching. These SMARTsheets contain embedded prompts that cue teachers to employ robust thinking strategies and make critical decisions as they differentiate curriculum, plan developmentally appropriate instruction and assessments, and plan accommodations.

SMARTsheets 4 Leaders provide instructional leaders and change agents with powerful tools designed to enhance the quality of MSS implementation or any other instructional innovation within a school building. These SMARTsheets focus on strategies for planning incremental change. supporting on-going efforts, and evaluating the quality/fidelity of implementation and its effect on student outcomes.

SOFTWARE		BOOKS	
Graphic Organizer SMARTsheets	\$59	Book 1: 200 Makes Sense Literacy SMARTsheets	\$39
SMARTsheets 4 Listening & Reading	\$29	Book 2: 200 Makes Sense Content SMARTsheets	\$39
SMARTsheets 4 Vocabulary	\$29	Lexicons Memory-enhanced High-stakes Vocabulary	\$19
SMARTsheets 4 Writing Literacy	\$29	Makes Sense Graphic Organizers	\$19
SMARTsheets 4 Math Literacy	\$19	Makes Sense Project-based Learning Strategies	\$19
SMARTsheets 4 Project-based Learning	\$29	Makes Sense Strategic Instruction	\$19
SMARTsheets 4 Social/Emotional Literacy	\$29	Content Enhancement: The Framing Routine	\$19
SMARTsheets 4 Essential Understandings	\$39	Content Enhancement: The Clarifying Routine	\$19
SMARTsheets 4 Teachers	\$29	Content Enhancement: The LINCING Routine	\$19
SMARTsheets 4 Leaders	\$29	The Vocabulary Learning Strategy (LINCS)	\$19
SOFTWARE BUNDLES		Teaching Adolescents with LD: Strategies & Methods	\$72
Makes Sense Language Literacy Strategies (SMARTsheets 4: Graphic Organizers, Listening & Reading Co	\$99 mprehensio	n, Vocabulary, Writing, Social)	
Makes Sense Content Literacy Strategies (SMARTsheets 4: Graphic Organizers, Vocabulary, Essential U	\$99 Inderstandin	gs, Math, Project-based Learning, Teachers)	
Makes Sense Strategies – The Works!	\$195		
Order on-line at www.MakesSen	seStrate	gies.com OR send purchase order to address below.	