ALABAMA DEPARTMENT OF EDUCATION

Makes Sense Strategies Toolkit

applications for

4-5 Common Core Language Arts

Part 1 Using Smart Sheets to teach reading
Part 2 Using Smart Sheets to teach vocabulary
Part 3 Using Smart Sheets to teach writing
Part 4 Project-based Learning Smart Sheets

Edwin Ellis, Ph.D.
University of Alabama

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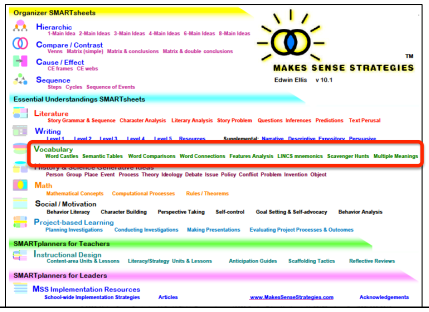
Key Ideas & Details | Craft & Structure | Knowledge Integration

Ask & answer questions | Summarize main ideas & details | Make Relationship Connections | Determine Word Meanings | Provide Reasons & Supporting Points | Make Comparisons



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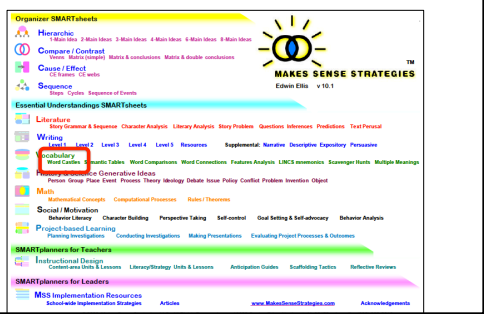

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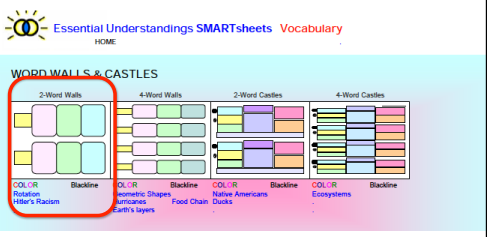

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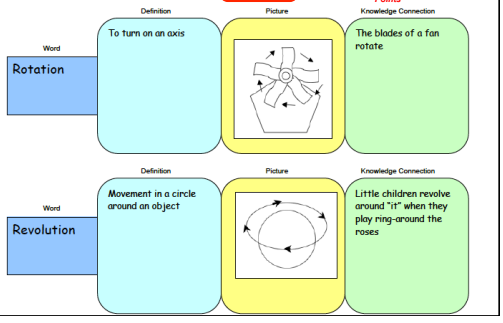

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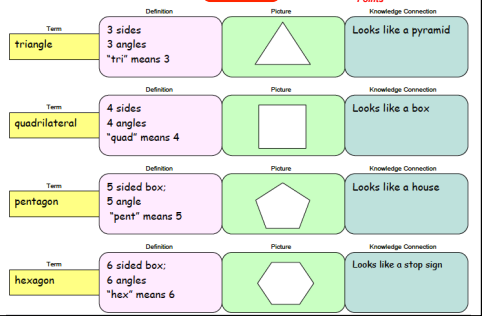

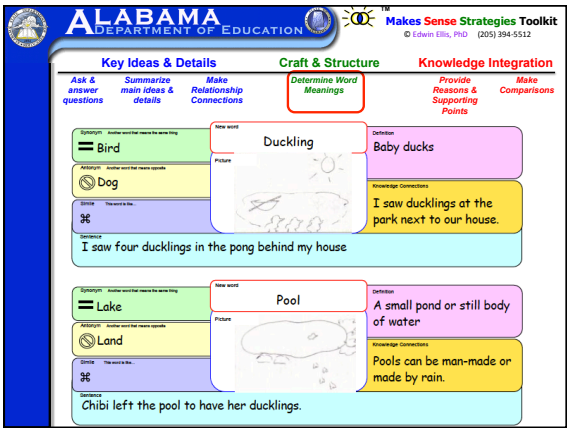
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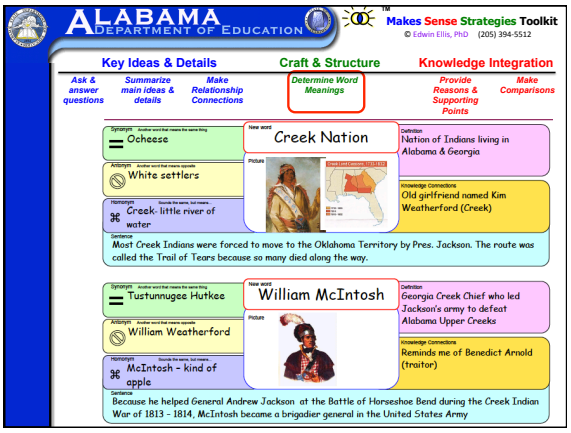
Bird
Dog
Duckling
Baby ducks
I saw ducklings at the park next to our house.
I saw four ducklings in the pong behind my house
Lake
Land
Pool
A small pond or still body of water
Pools can be man-made or made by rain.
Chibi left the pool to have her ducklings.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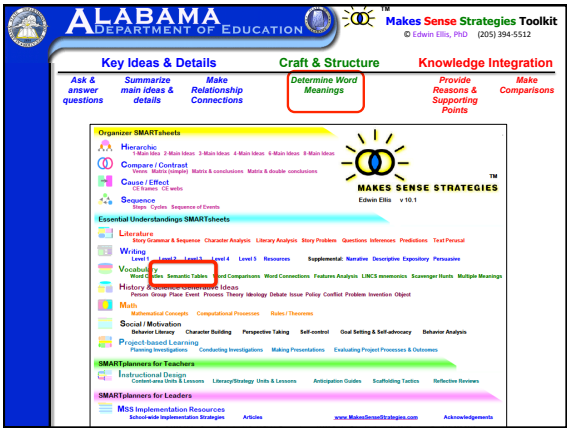
Ocheese
White settlers
Creek- little river of water
Creek Nation
Nation of Indians living in Alabama & Georgia
Old girlfriend named Kim Weatherford (Creek)
Most Creek Indians were forced to move to the Oklahoma Territory by Pres. Jackson. The route was called the Trail of Tears because so many died along the way.
Tustunnugee Hutkee
William Weatherford
McIntosh - kind of apple
William McIntosh
Georgia Creek Chief who led Jackson's army to defeat Alabama Upper Creeks
Reminds me of Benedict Arnold (traitor)
Because he helped General Andrew Jackson at the Battle of Horseshoe Bend during the Creek Indian War of 1813 - 1814, McIntosh became a brigadier general in the United States Army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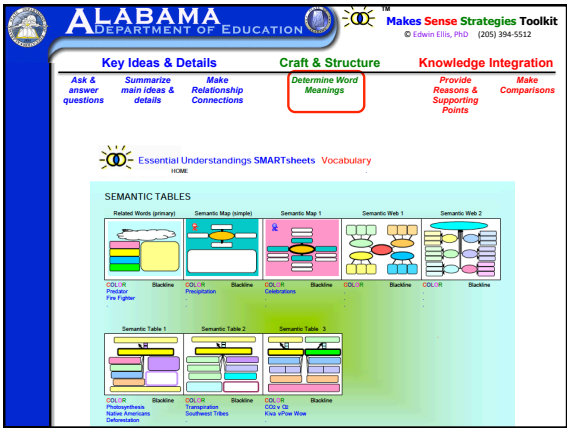
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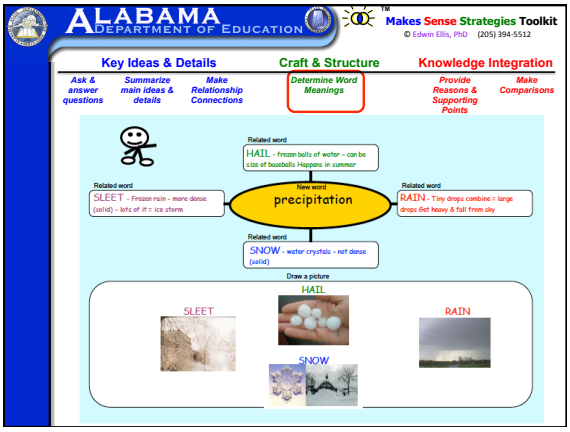
Essential Understandings SMARTsheets Vocabulary
HOME
SEMANTIC TABLES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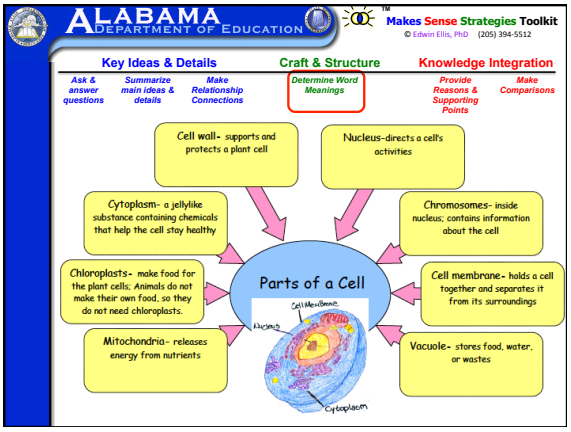
HAIL - frozen balls of water - can be size of baseballs Happens in summer
SLEET - Frozen rain - more dense (solid) - lots of it = ice storm
precipitation
RAIN - Tiny drops combine = large drops Get heavy & fall from sky
SNOW - water crystals - not dense (solid)
Draw a picture
HAIL
SLEET
RAIN
SNOW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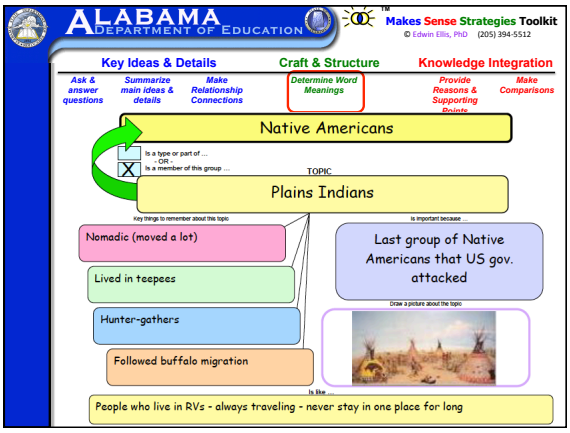
Cell wall- supports and protects a plant cell
Nucleus-directs a cell's activities
Cytoplasm- a jellylike substance containing chemicals that help the cell stay healthy
Chromosomes- inside nucleus; contains information about the cell
Chloroplasts- make food for the plant cells; Animals do not make their own food, so they do not need chloroplasts.
Parts of a Cell
Cell membrane- holds a cell together and separates it from its surroundings
Mitochondria- releases energy from nutrients
Vacuole- stores food, water, or wastes
Cell Membrane
Nucleus
Cytoplasm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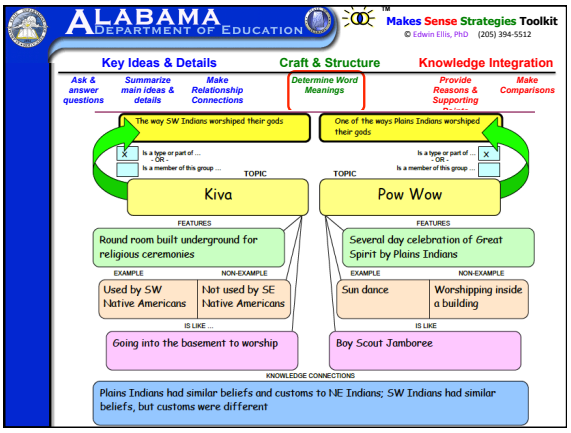
Native Americans
Is a type or part of ...
- OR -
Is a member of this group ...
TOPIC
Plains Indians
Key things to remember about this topic
Nomadic (moved a lot)
Lived in teepees
Hunter-gathers
Followed buffalo migration
Is important because ...
Last group of Native Americans that US gov. attacked
Draw a picture about the topic
Is like ...
People who live in RVs - always traveling - never stay in one place for long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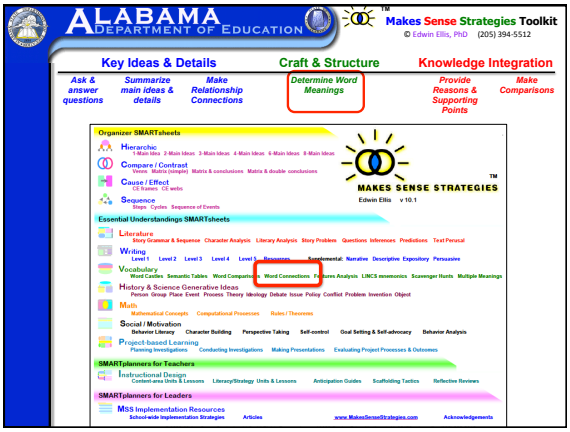
The way SW Indians worshiped their gods
One of the ways Plains Indians worshiped their gods
Is a type or part of ...
- OR -
Is a member of this group ...
TOPIC
Kiva
Pow Wow
FEATURES
Round room built underground for religious ceremonies
Several day celebration of Great Spirit by Plains Indians
EXAMPLE
NON-EXAMPLE
Used by SW Native Americans
Not used by SE Native Americans
Sun dance
Worshipping inside a building
IS LIKE ...
Going into the basement to worship
Boy Scout Jamboree
KNOWLEDGE CONNECTIONS
Plains Indians had similar beliefs and customs to NE Indians; SW Indians had similar beliefs, but customs were different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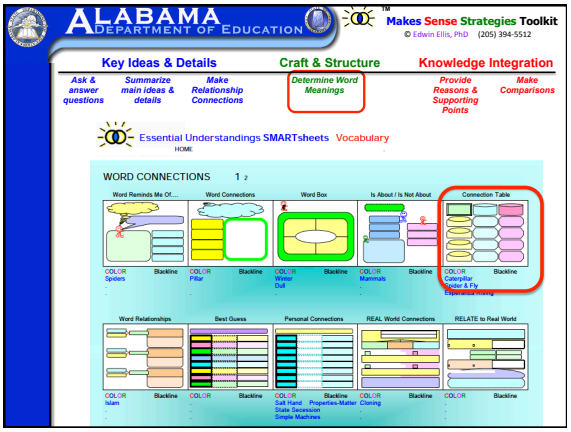
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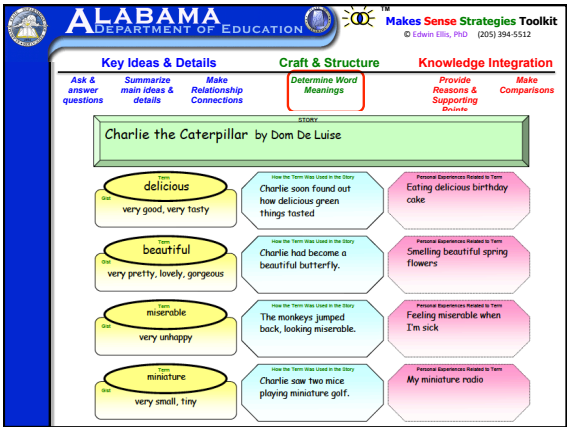
WORD CONNECTIONS 1 2
Word Reminds Me Of...
Word Connections
Word Box
Is About / Is Not About
Connection Table
Word Relationships
Best Guess
Personal Connections
REAL World Connections
RELATE to Real World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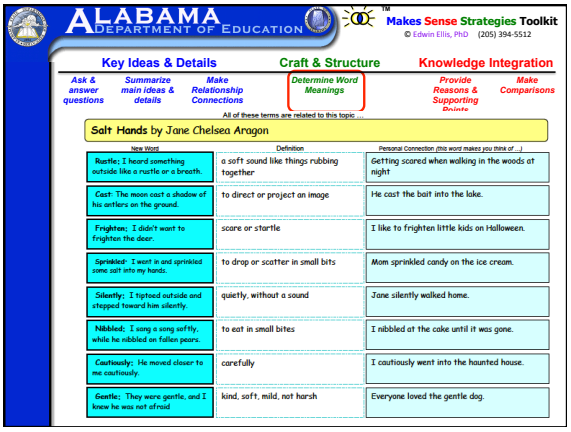
STORY
Charlie the Caterpillar by Dom De Luise
Term
delicious
Def
very good, very tasty
How the Term Was Used in the Story
Charlie soon found out how delicious green things tasted
Personal Experiences Related to Term
Eating delicious birthday cake
Term
beautiful
Def
very pretty, lovely, gorgeous
How the Term Was Used in the Story
Charlie had become a beautiful butterfly.
Personal Experiences Related to Term
Smelling beautiful spring flowers
Term
miserable
Def
very unhappy
How the Term Was Used in the Story
The monkeys jumped back, looking miserable.
Personal Experiences Related to Term
Feeling miserable when I'm sick
Term
miniature
Def
very small, tiny
How the Term Was Used in the Story
Charlie saw two mice playing miniature golf.
Personal Experiences Related to Term
My miniature radio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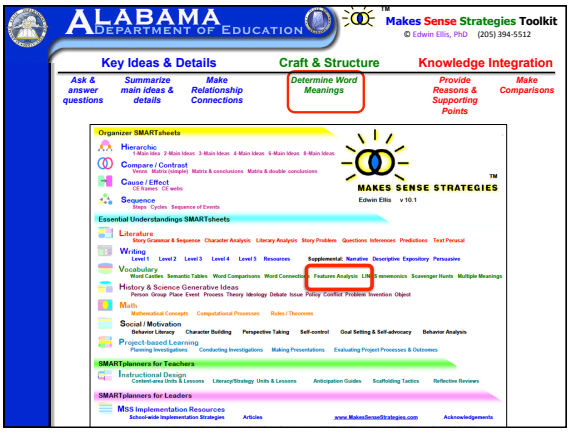
All of these terms are related to this topic ...
Salt Hands by Jane Chelsea Aragon
New Word
Definition
Personal Connection (this word makes you think of ...)
Rustle: I heard something outside like a rustle or a breath.
a soft sound like things rubbing together
Getting scared when walking in the woods at night
Cast: The moon cast a shadow of his antlers on the ground.
to direct or project an image
He cast the bait into the lake.
Frighten: I didn't want to frighten the deer.
scare or startle
I like to frighten little kids on Halloween.
Sprinkled: I went in and sprinkled some salt into my hands.
to drop or scatter in small bits
Mom sprinkled candy on the ice cream.
Silently: I tiptoed outside and stepped toward him silently.
quietly, without a sound
Jane silently walked home.
Nibbled: I sang a song softly, while he nibbled on fallen pears.
to eat in small bites
I nibbled at the cake until it was gone.
Cautiously: He moved closer to me cautiously.
carefully
I cautiously went into the haunted house.
Gentle: They were gentle, and I knew he was not afraid
kind, soft, mild, not harsh
Everyone loved the gentle dog.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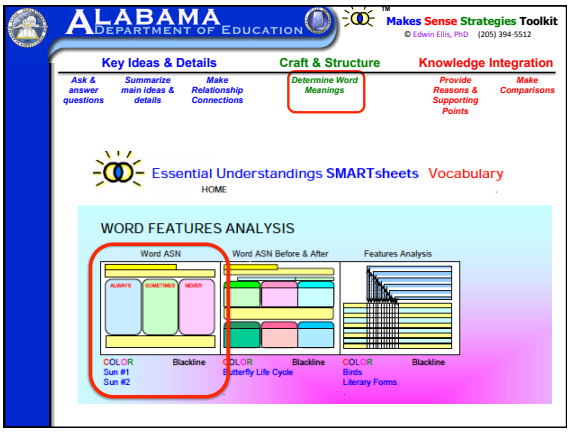
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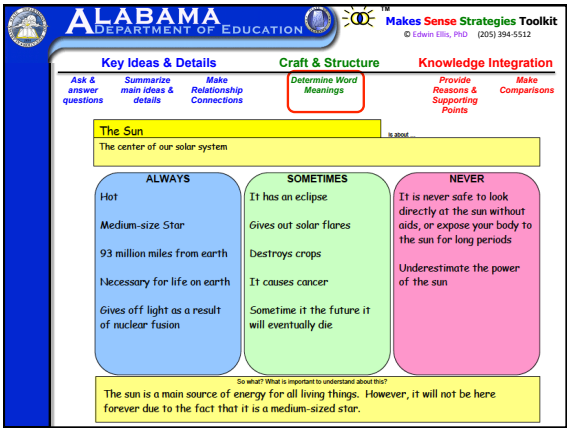
Word ASN
Word ASN Before & After
Features Analysis
ALWAYS
SOMETIMES
NEVER
COLOR
Sun #1
Sun #2
Blackline
COLOR
Butterfly Life Cycle
Blackline
COLOR
Birds
Literary Forms
Blackline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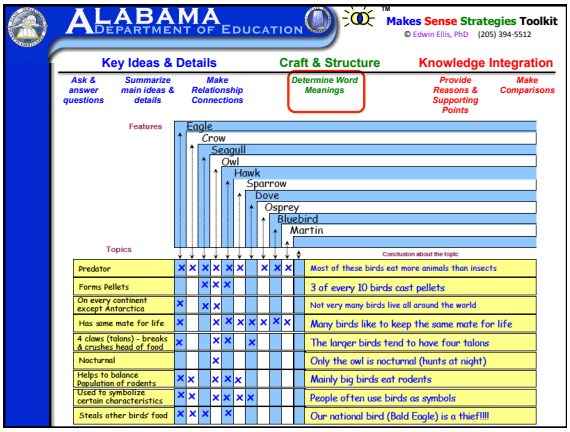
The Sun
is about ...
The center of our solar system
ALWAYS
Hot
Medium-size Star
93 million miles from earth
Necessary for life on earth
Gives off light as a result of nuclear fusion
SOMETIMES
It has an eclipse
Gives out solar flares
Destroys crops
It causes cancer
Sometime it the future it will eventually die
NEVER
It is never safe to look directly at the sun without aids, or expose your body to the sun for long periods
Underestimate the power of the sun
So what? What is important to understand about this?
The sun is a main source of energy for all living things. However, it will not be here forever due to the fact that it is a medium-sized star.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Features
Topics
Eagle
Crow
Seagull
Owl
Hawk
Sparrow
Dove
Osprey
Bluebird
Martin
Conclusion about the topic
Predator
Most of these birds eat more animals than insects
Forms Pellets
3 of every 10 birds cast pellets
On every continent except Antarctica
Not very many birds live all around the world
Has same mate for life
Many birds like to keep the same mate for life
4 claws (talons) - breaks & crushes head of food
The larger birds tend to have four talons
Nocturnal
Only the owl is nocturnal (hunts at night)
Helps to balance Population of rodents
Mainly big birds eat rodents
Used to symbolize certain characteristics
People often use birds as symbols
Steals other birds' food
Our national bird (Bald Eagle) is a thief!!!