



ALEDO ISD BOARD MEETING TEMPLATE

MEETING DATE: March 18, 2013

AGENDA ITEM: Report Item – Thinking Maps Training

PRESENTER: Kathy Allen

ALIGNS TO BOARD PRIORITY:

- Learning – The District will provide an aligned, rigorous curriculum, with instructional and technology programs preparing students to meet or exceed all educational standards.

BACKGROUND INFORMATION: In order to keep the Board informed concerning District initiatives for instructional practices, the following information is being presented:

- Thinking Maps training is an AISD initiative designed to provide teachers with instructional tools to promote and develop critical thinking skills that can be used by students in a variety of subjects and settings. For struggling students, especially in the area of writing, the inability to focus and organize their thinking is often the student's greatest challenge. This systematic way of thinking helps level the playing field for academically struggling students and helps other students apply learning in more complex ways.
- The Thinking Maps process facilitates four specific habits of the mind: listening and understanding, collection of data, questioning and hypothesizing, and metacognition (organization of the thinking processes). When students develop Thinking Maps during learning opportunities, the overall experience is more meaningful to all students.
- Teachers benefit when students put their thinking on a map because the visual allows the teacher to obtain information on how students are organizing and applying their thinking processes. Teachers also have a better understanding of the student's attention to detail, order, and the relationships that students are able to draw between concepts.
- The district-wide implementation of Thinking Maps is one of many instructional strategies that teachers can utilize to help student's master content and develop critical thinking skills.

ADMINISTRATIVE CONSIDERATIONS: Report Item Only – See Attached Examples

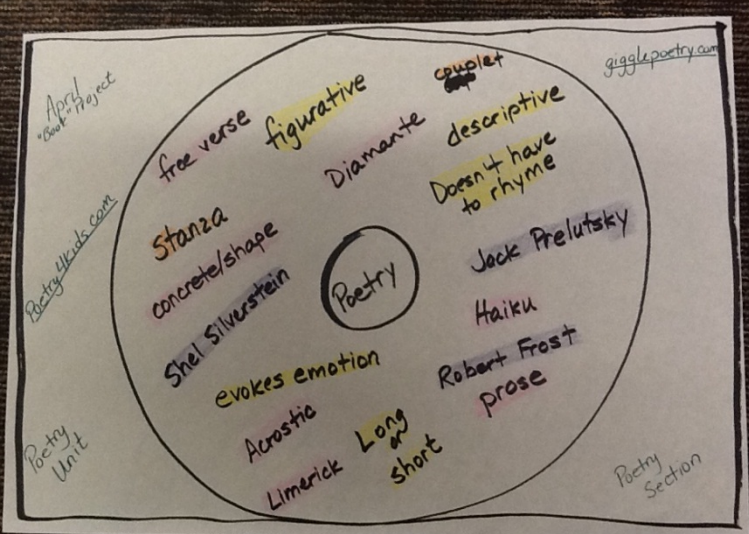
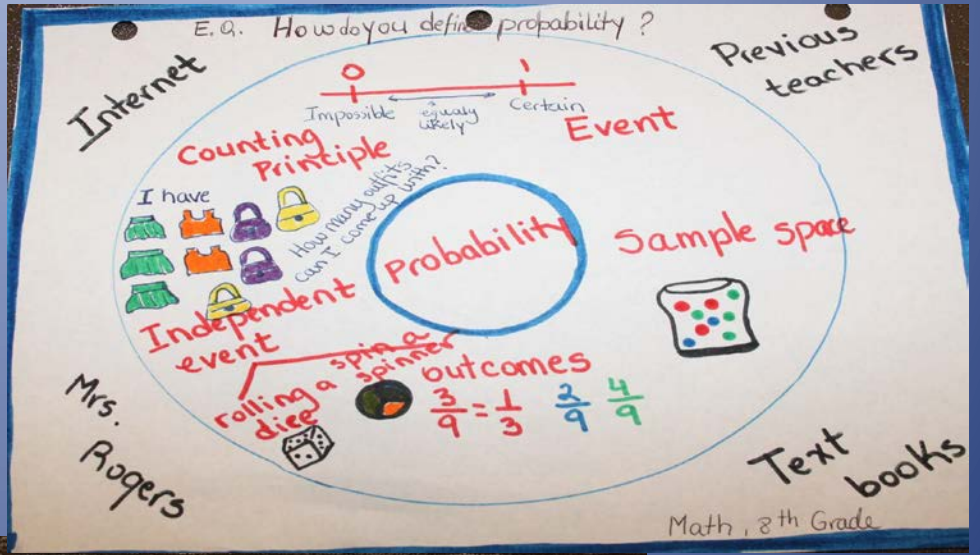
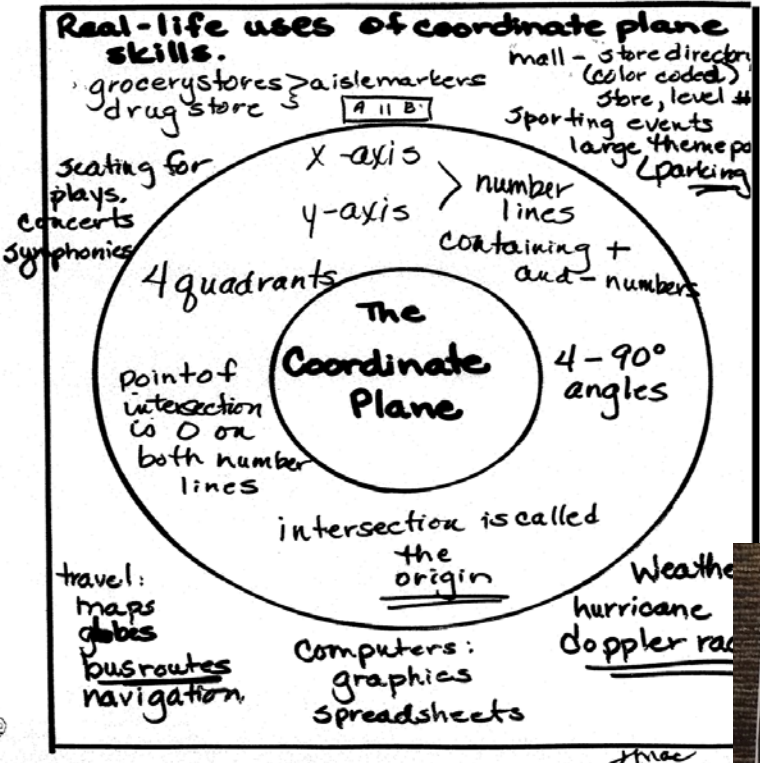
FISCAL NOTE: None, the district is utilizing currently budgeted funds, Title II, and instructional allotment monies to pay for training and teacher materials.

ADMINISTRATIVE RECOMMENDATIONS: Report Item Only

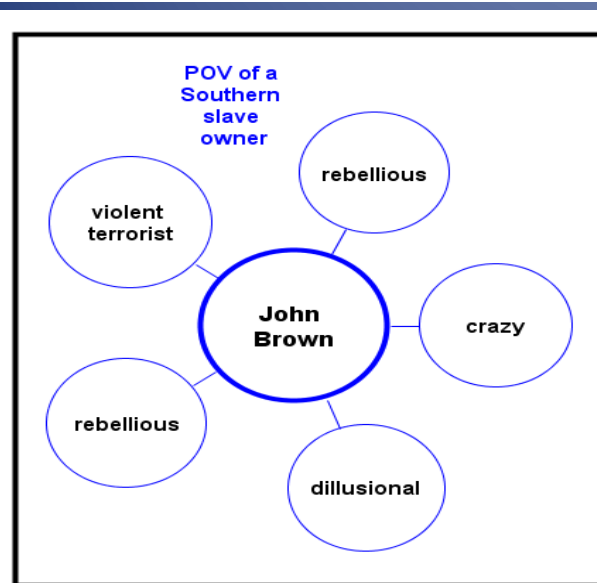
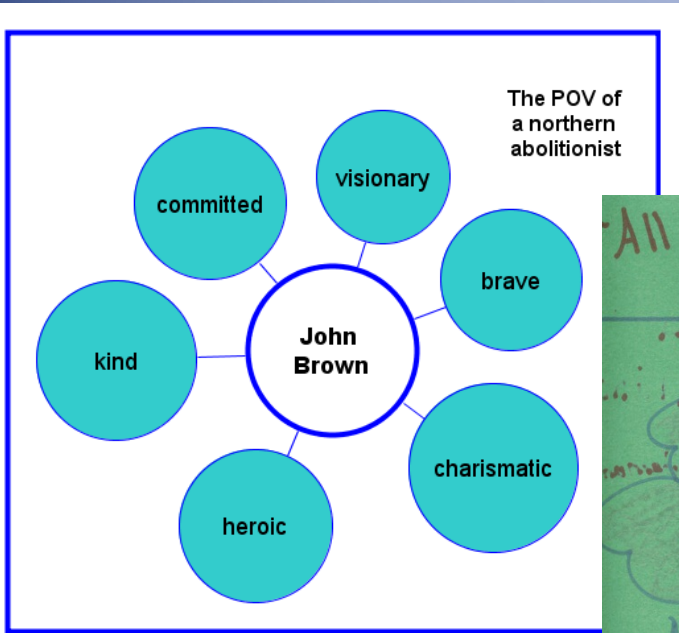
Thinking Maps Purpose

To use Thinking Maps as a “**common visual language**” in your learning community for transferring thinking processes, integrating learning, and for continuously assessing progress.

Circle Maps – Define in Context- Brainstorming



Bubble Maps – Describing –Attributes



"All Summer in a Day" by Ray Bradbury

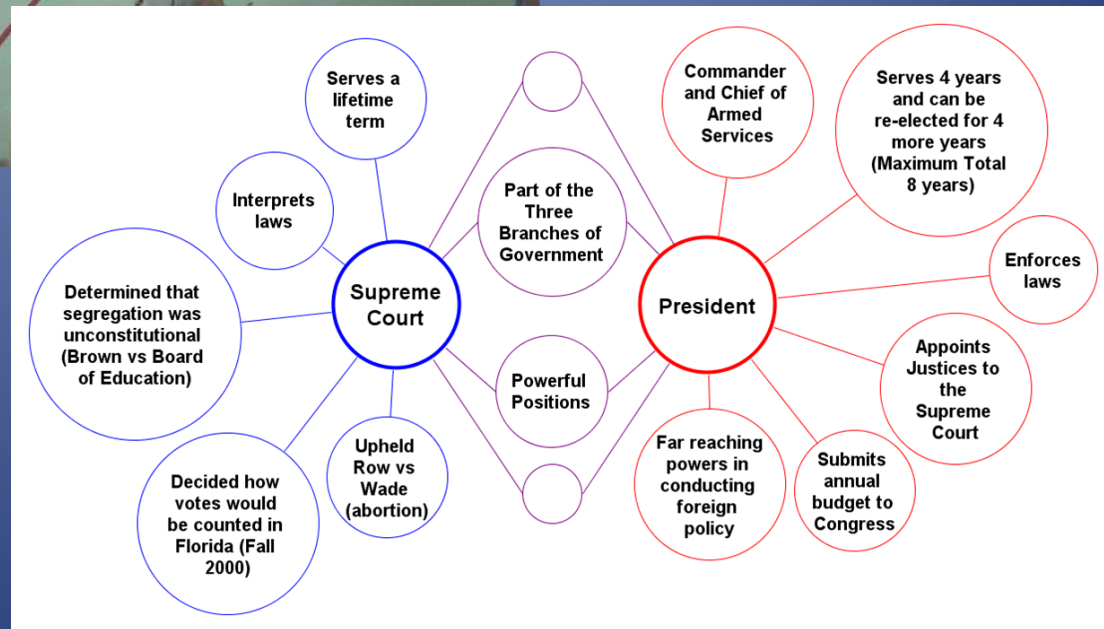
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graph TD; M((Margot)) --- Q(quiet); M --- D(depressed); M --- B(bullied); M --- I(Intelegant); M --- L(lonely)
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A hand-drawn bubble map on a green background. The central bubble is a dark cloud with a small photo of a girl and the name "Margot". Five other bubbles are connected to the center: a blue cloud labeled "quiet", a yellow pill-shaped bubble labeled "depressed", a red pill-shaped bubble labeled "bullied", a yellow pill-shaped bubble labeled "Intelegant", and a white pill-shaped bubble labeled "lonely".

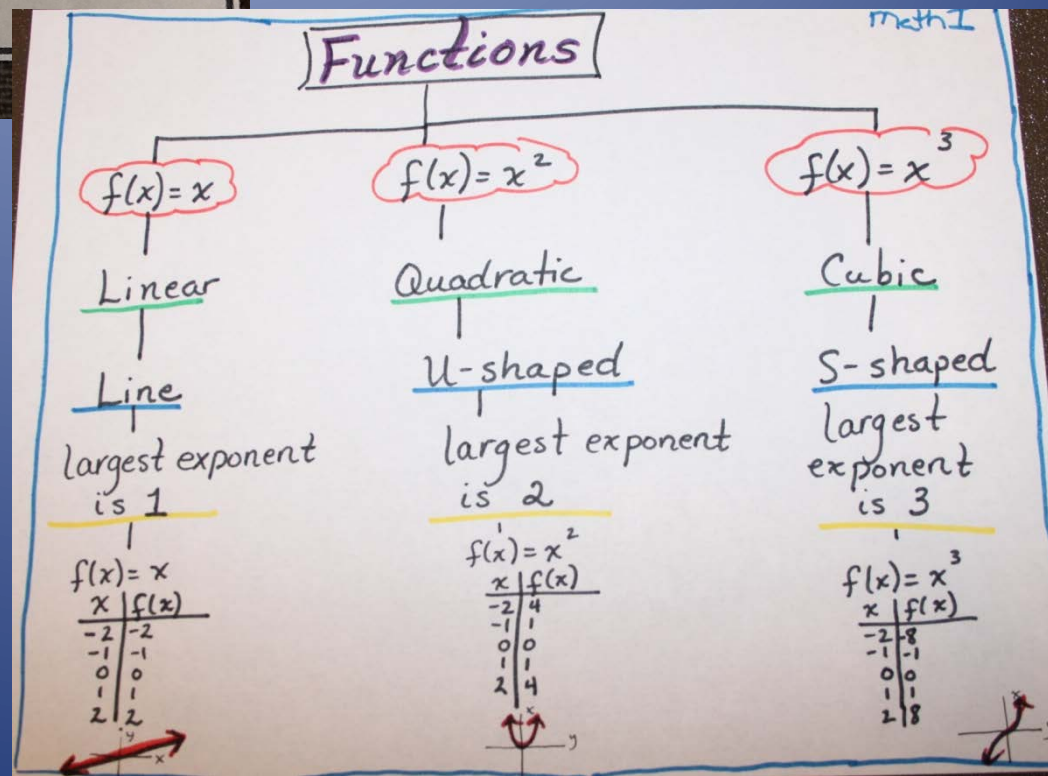
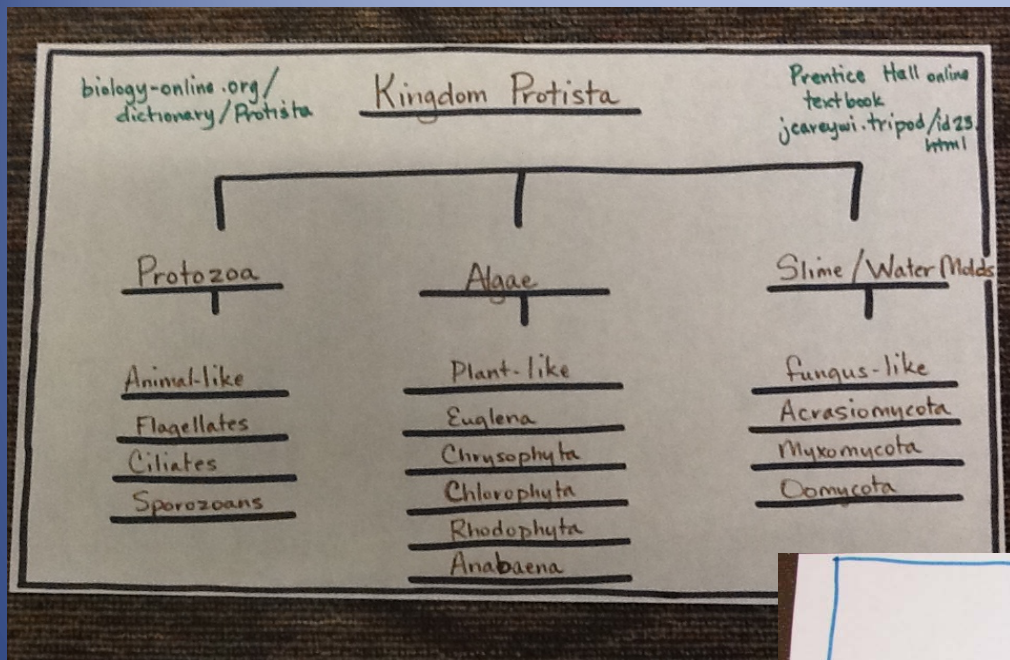
Handwritten notes and drawings include:

- A drawing of a large, dark, rainy cloud with raindrops falling.
- Text: "She was an old photograph dusted from an album, whitened away, and if she spoke at all her voice would be a ghost," pg.290
- A drawing of a girl's face with a sad expression.
- Text: "When the class sang songs about happiness and life and games her lips barely moved." pg.291
- Text: "I think the sun is like a flower, that blooms for just one hour" pg.290
- Text: "Get away The boy gave her another push" pg.291
- Text: "to gave her a shove, but she did not move; rather she let herself be moved only by him and nothing else." pg.290-291
- A drawing of a small red flower.

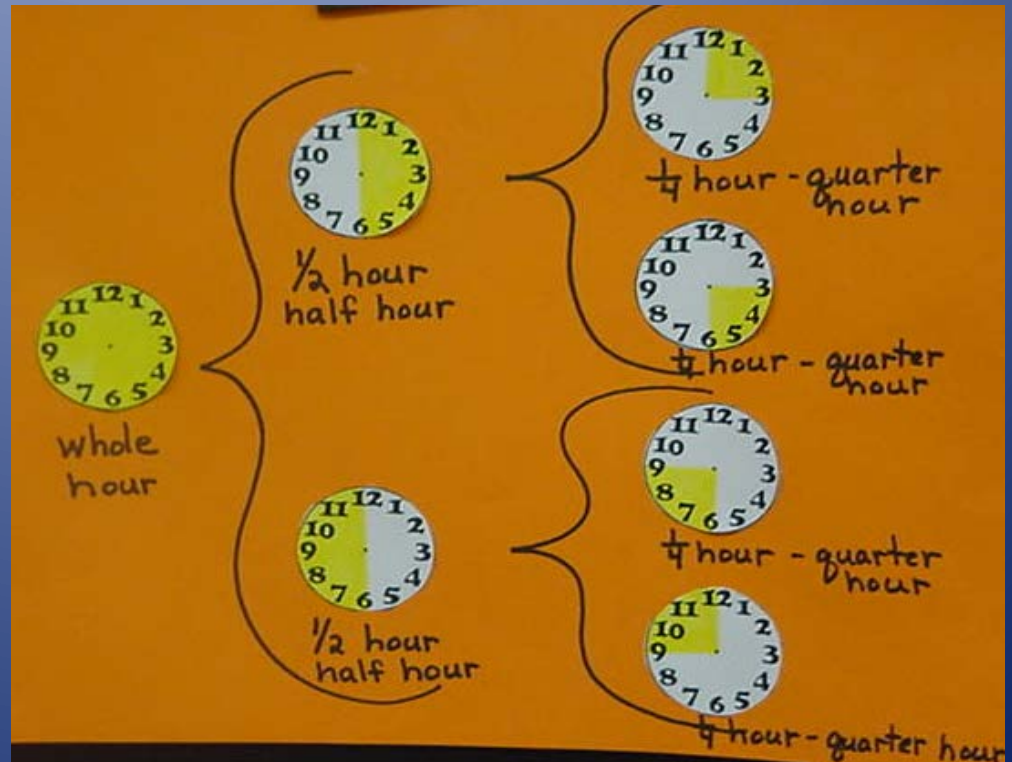
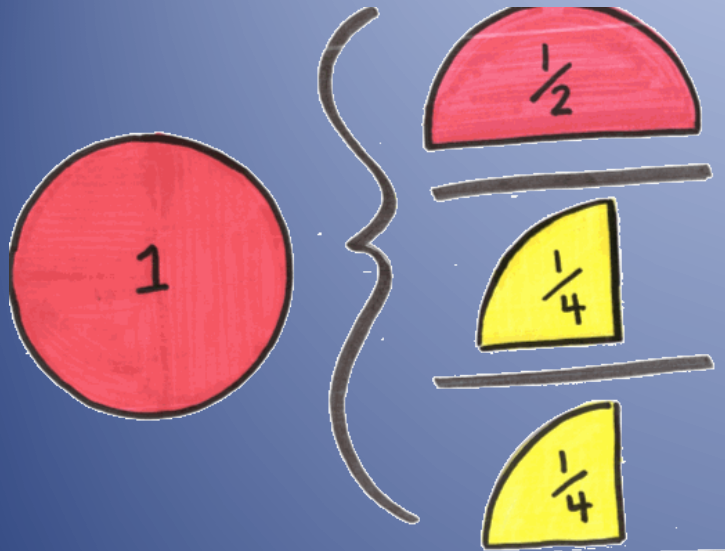
Double Bubble – Comparing and Contrasting



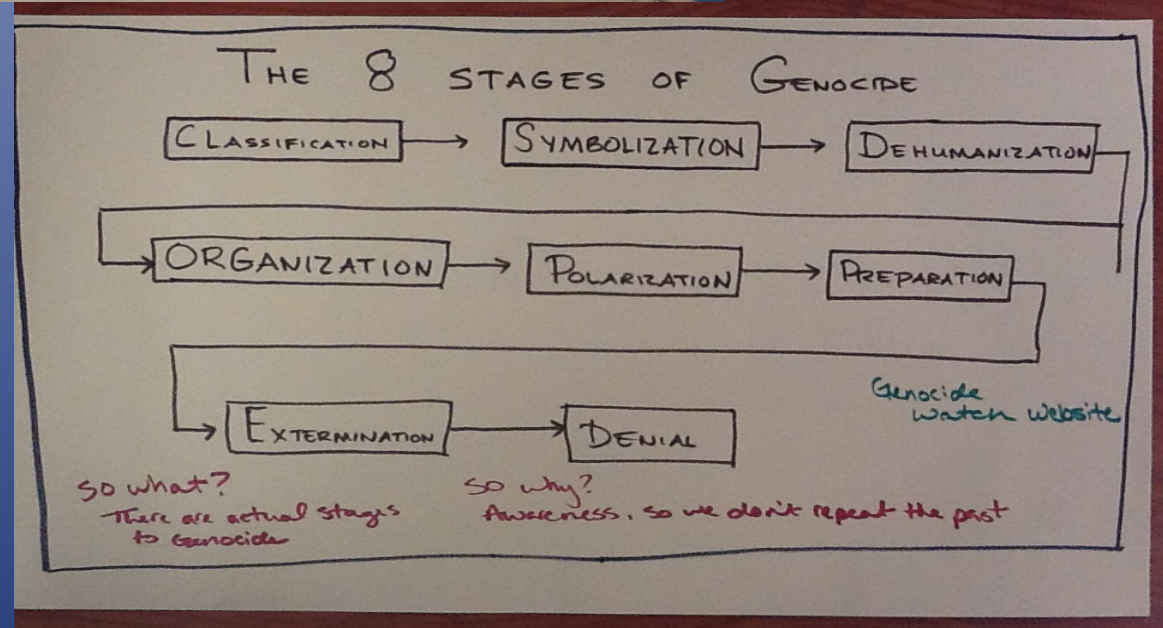
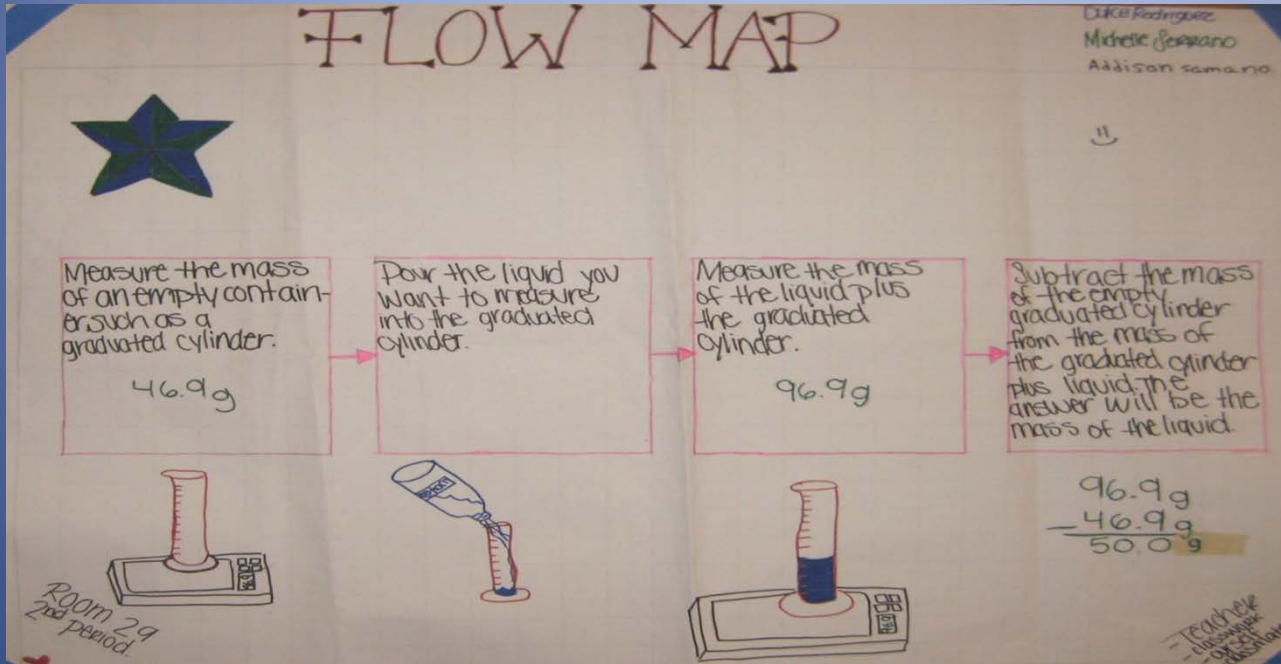
Tree - Classifying



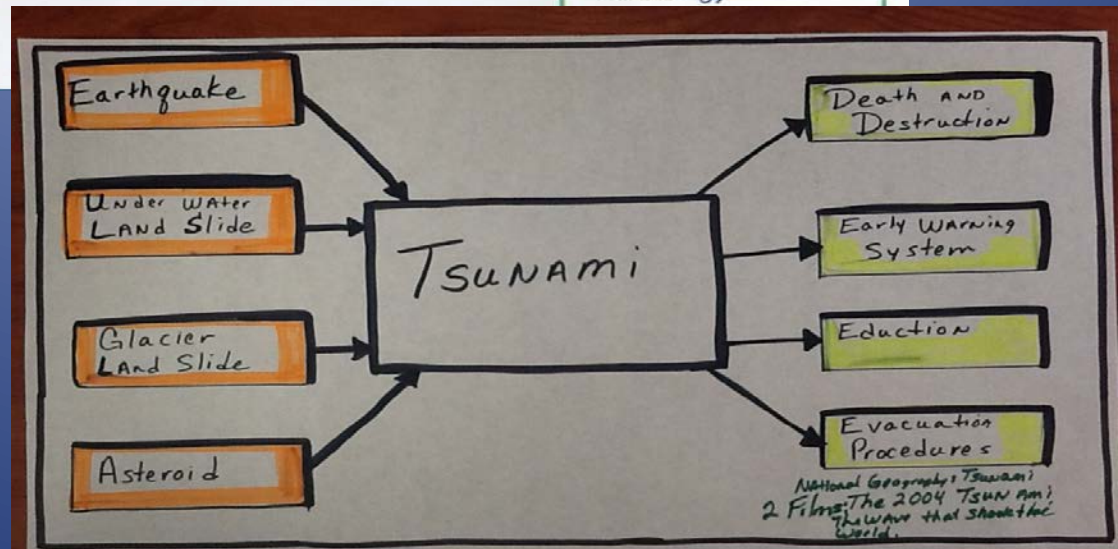
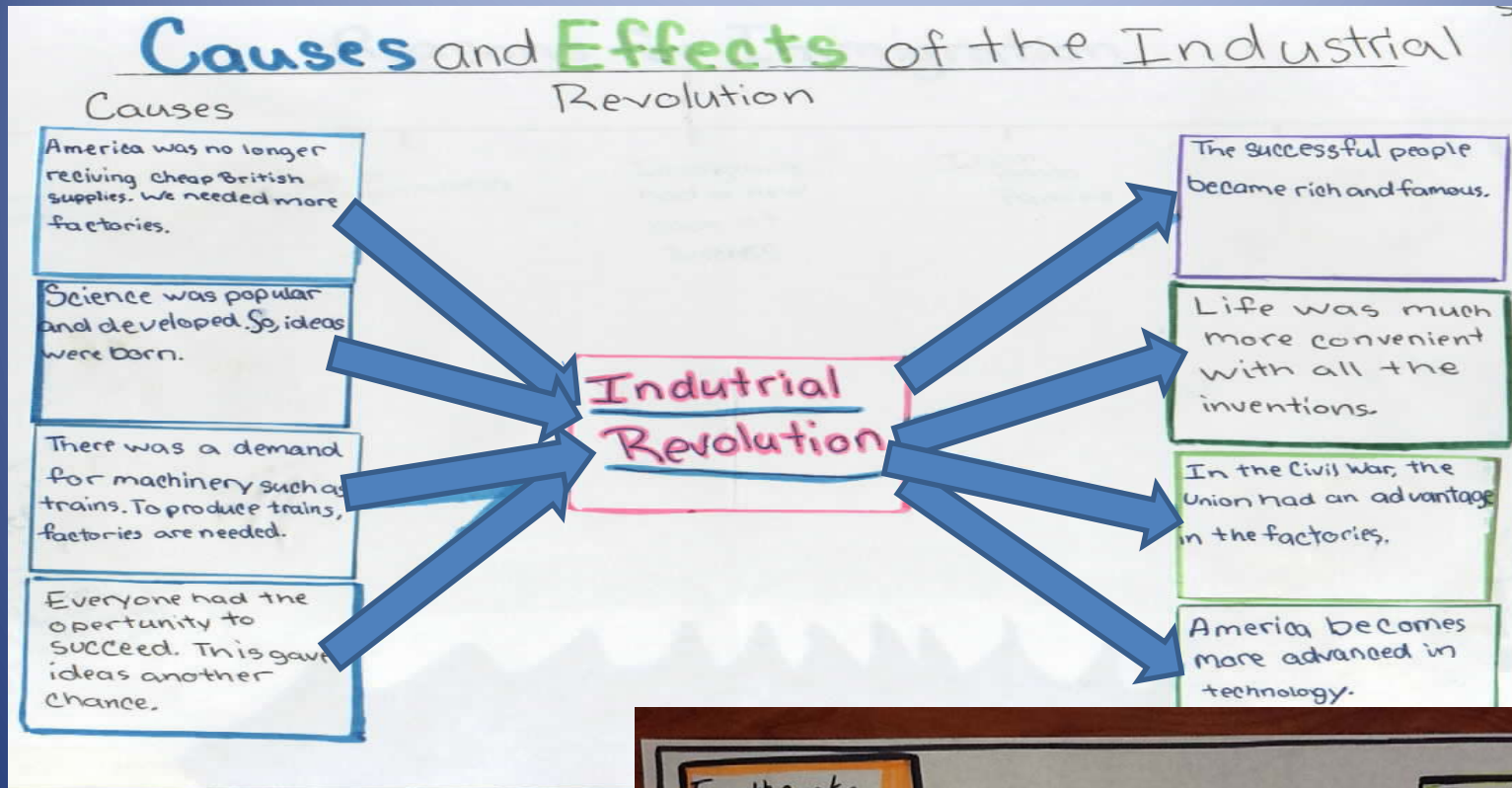
Brace – Part to Whole Relationship



Flow - Sequence



Multi-Flow – Cause and Effect



Bridge – Seeing Analogies

our as hour

Homophones
Relating Factor

Homophonic book *read*

TV

Brain part Tr. Brain

Relating factor makes decisions in

elected representatives

the leader

the central party

Democratic State

Fascist State

Authoritarian State

So what do you now know about functions?

RF: has an equation of

Linear function as quadratic function as exponential growth function

$y = mx + b$ $y = ax^2 + bx + c$ $y = ab^x$

RF: has a graph of

Each function has a specific equation and graph.