

Staff development should model what you expect to see in the classroom

Kaushal Mehta
Manager, K-12 Vertical
Edutech Middle East
P. O. Box 52334
Suite 301, Building No. 1
Dubai Media City, Dubai
United Arab Emirates
Dir.: + 971 4 3911469
Mobile: + 971 50
4547199
kaushal@edutech.com
www.edutech.com

Students are motivated by Rigor Creating highest thinking

Creating is the highest form of thinking.

Bloom's Taxonomy of Thinking Skills Creating -generating new ideas Evaluating - justifying a decision or choice Analyzing - breaking into component parts Applying - using information in a new setting Understanding - explaining idea or concept Remembering - recalling information

Creating A new combination of old elements

A new combination of old ...information, stories, data, art, music, literature, strategies...

Students are motivated by Relevance

Taking responsibility for their learning

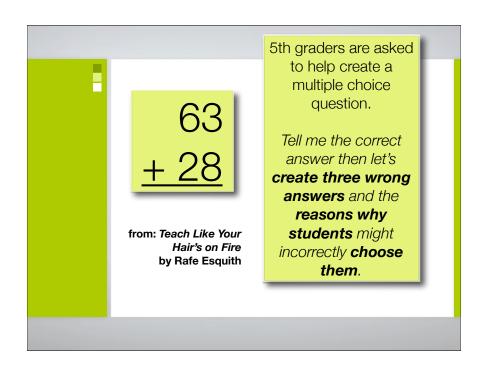
Learning is relevant to students when the student: understands how this information or skill has some application in their life. has an opportunity to follow their own process rather than just learn "the facts." not just learning content and skills, but is learning how they learn.

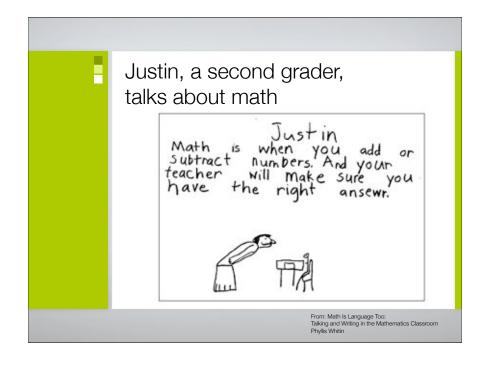


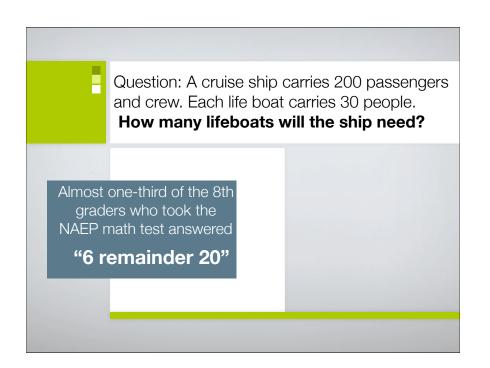
#1 factor for improving student motivation is choice.

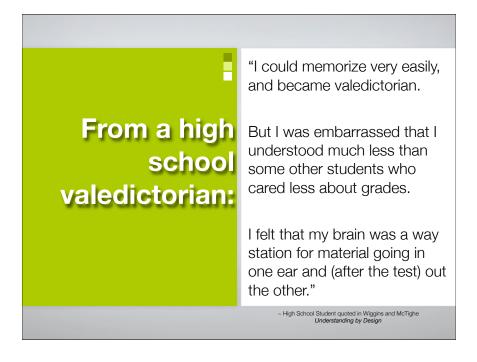
Not whether the student does the assignment, but how they engage in the work.

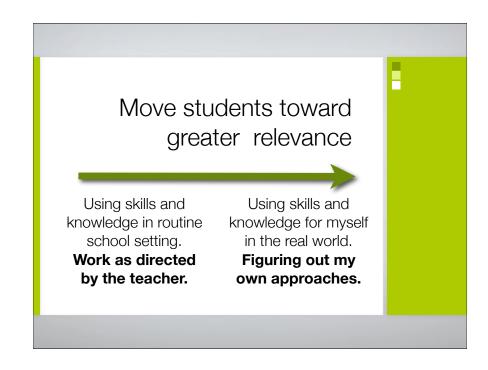
~Doug Reeves

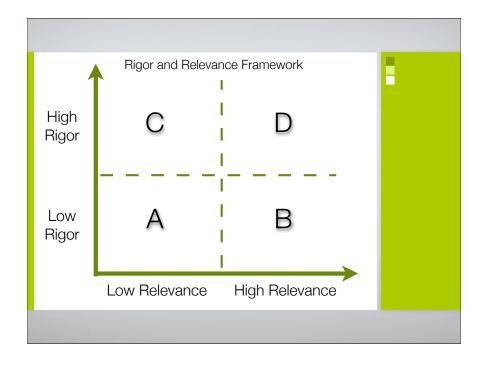


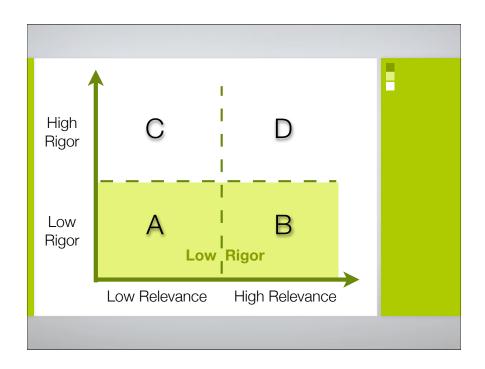


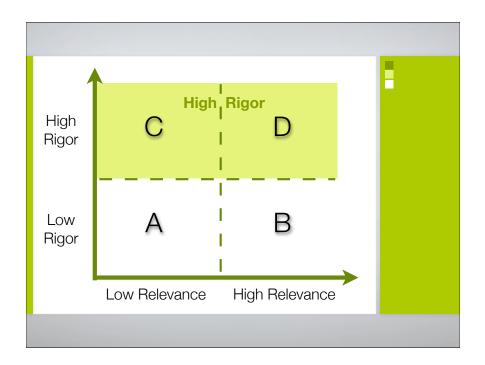


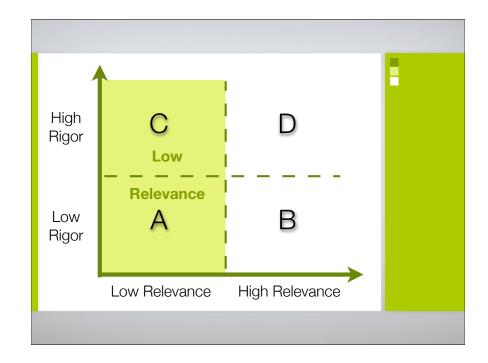


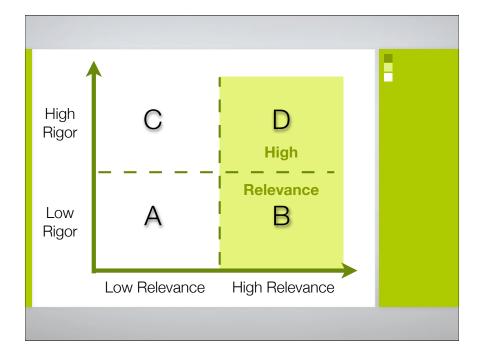


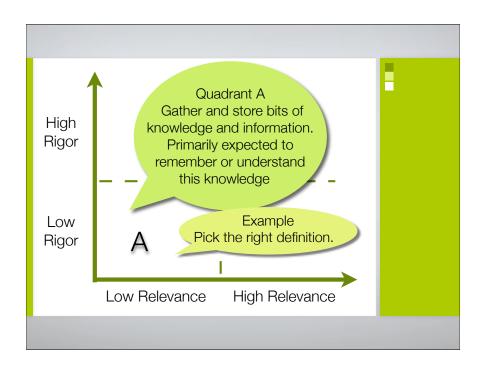


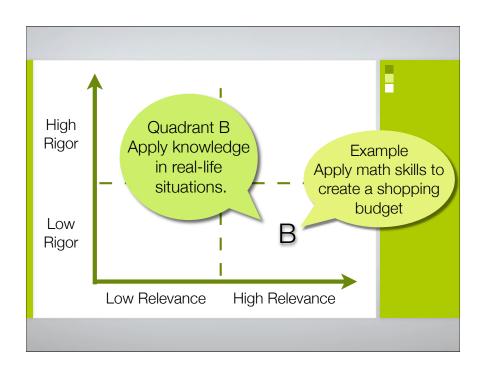


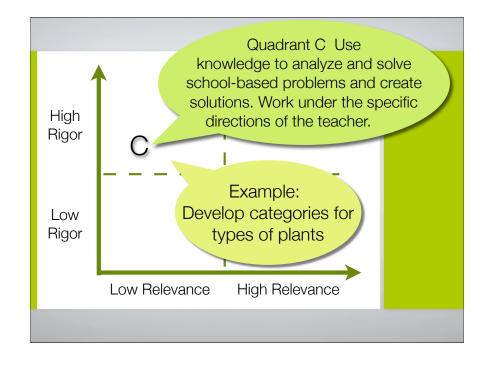


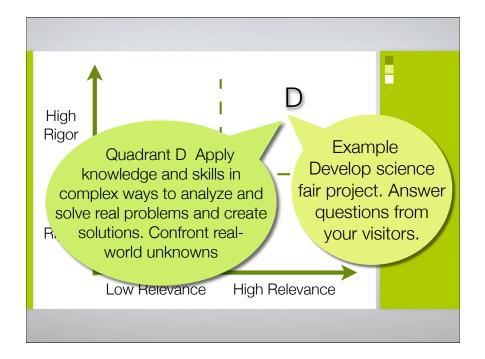




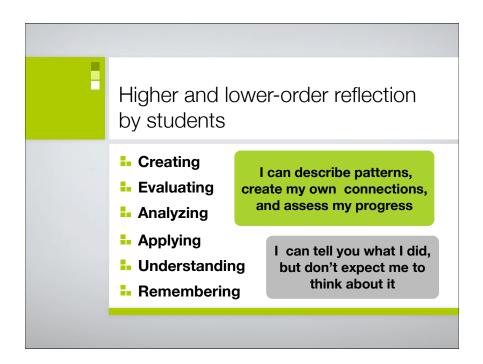












Reflective Questions for Students

What am I learning today?

Why am I learning it?

How can I use this knowledge and these skills to make a difference in my life?

How can I work with teachers and other students to improve my learning?

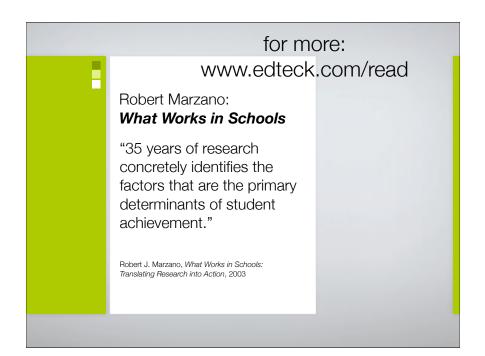
How am I progressing as a learner?

How can I communicate what I'm learning with others?

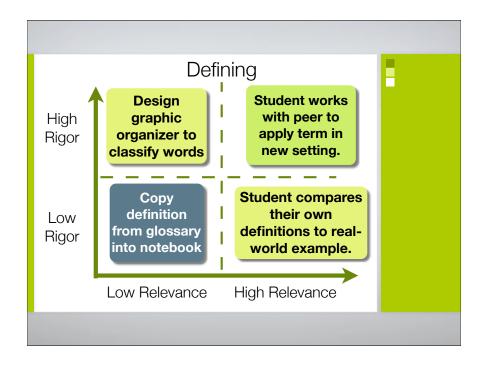
Students are motivated by Reflection

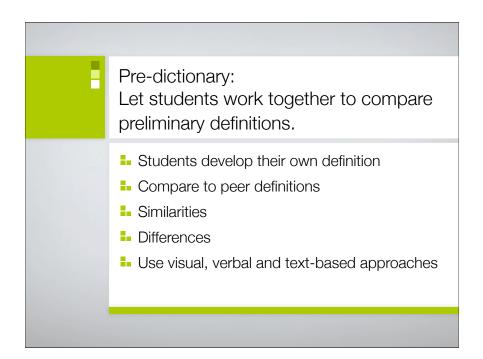
They monitor and assess their own progress as life-long learners.

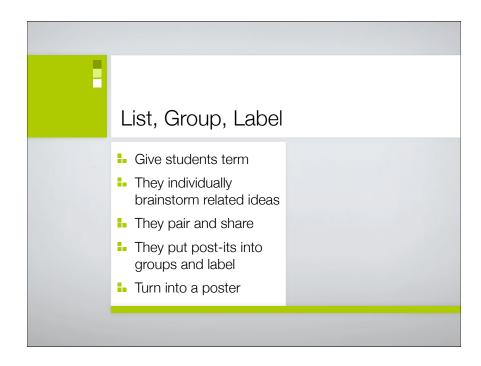


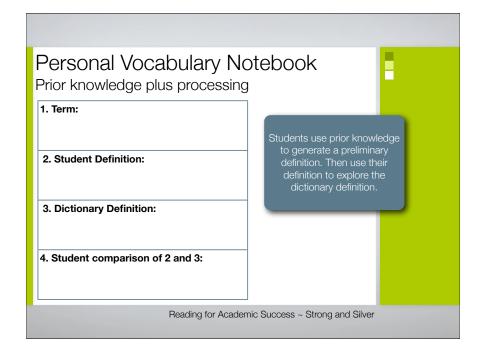


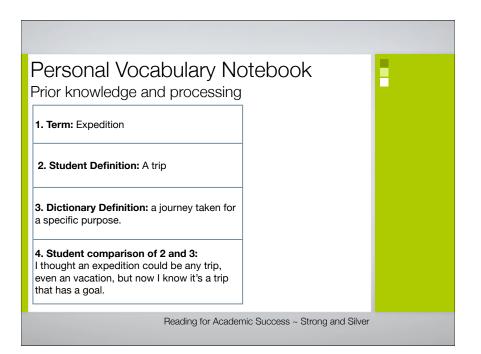


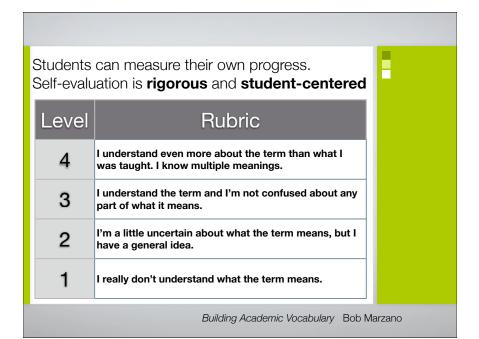


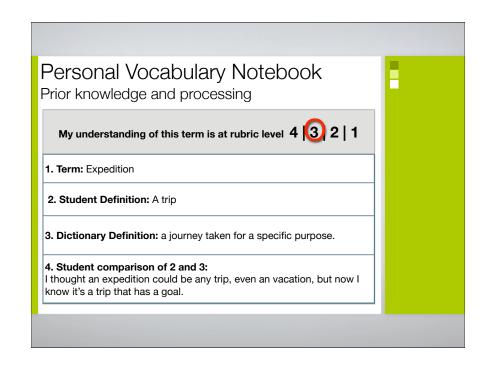


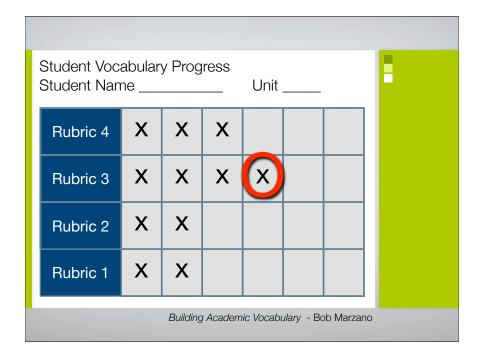


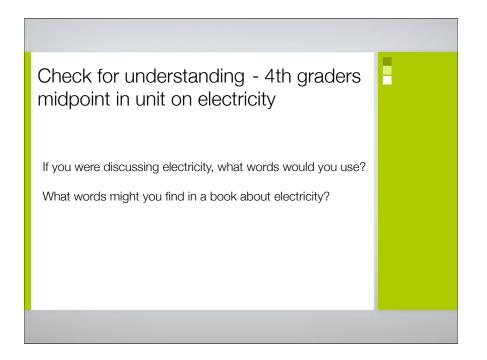


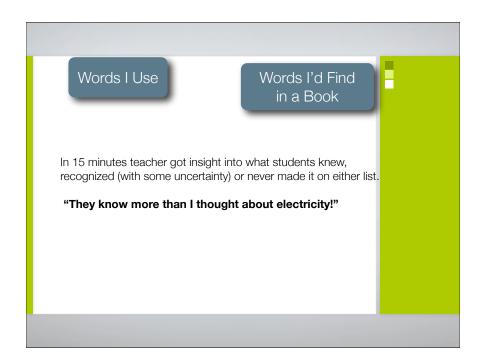




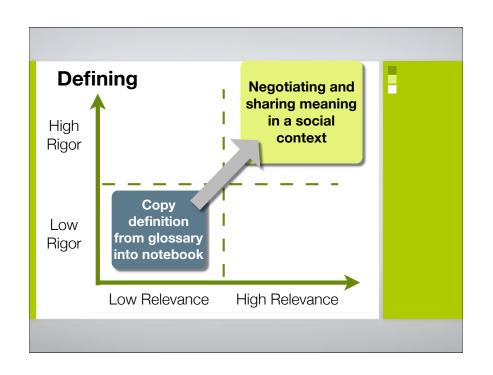


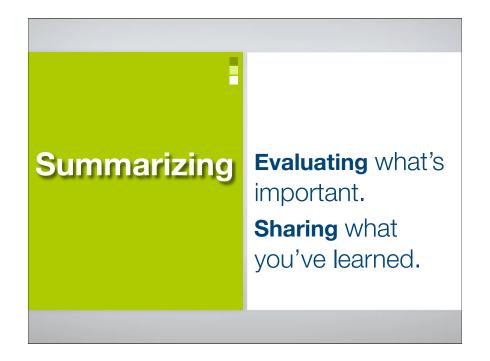


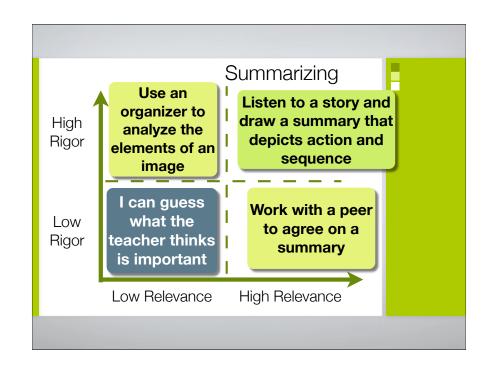


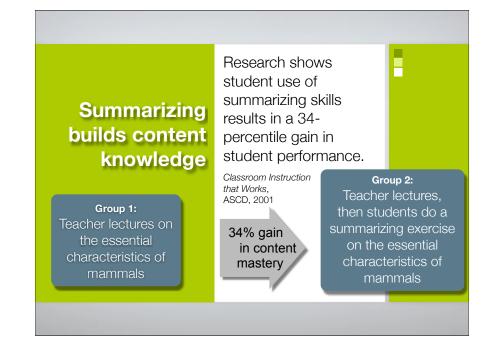


Elements for teaching defining - After the term has been defined ... give students chances to more deeply process the term









Six essential summarizing skills Identify details – can you identify key symbols, words, visual elements? Recognizing context – where is this taking place, time period, who's involved? Identify relationships – who are these people, what is their relationship to one another?

Continued - Summarizing skills Identify opinions – is there a point of view expressed in the source information? Make predictions – based on the information, what will happen next? Infer meaning – is there meaning that can be extracted from what's between the lines?

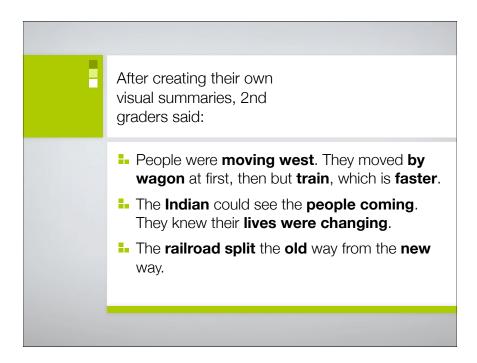
Elements for teaching summarizing - Allow students to make their own judgements about what's important (instead of just repeating the details the teacher highlights) - Students need to be able to share what they've learned with an audience other than the teacher.

Model active viewing, listening, and reading as a foundation for summarizing

Getting the visual message right "So what the artist is saying is..."

Getting the spoken message right "So what you're saying is..."

Getting the written message right "So what the author is saying is ..."



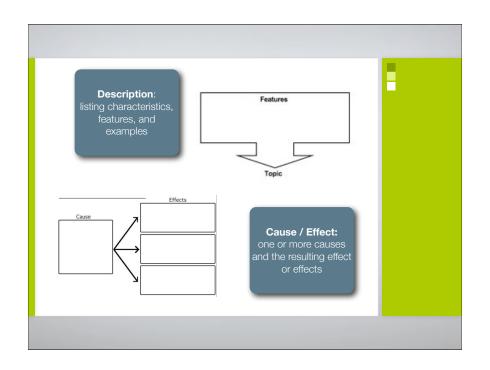
Elements for teaching summarizing

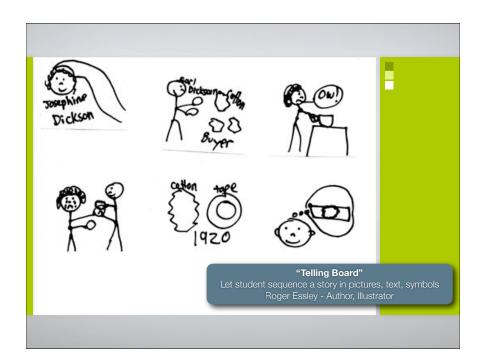
- Allow students to make their own judgements about what's important (instead of just repeating the details the teacher highlights)
- Students need to be able to share what they've learned with an audience other than the teacher.

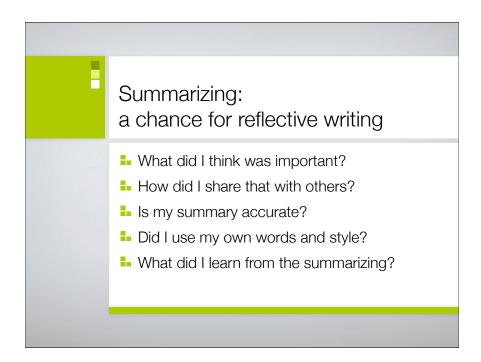
Explaining what you've learned is telling a story using a narrative structure.

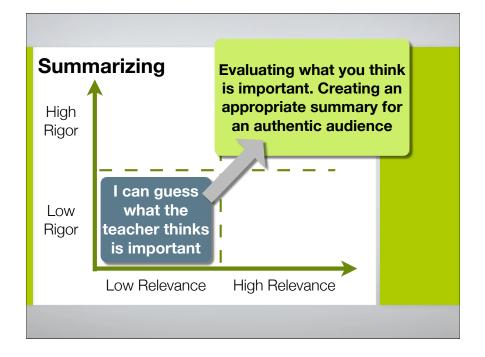
- Student may need explicit training about narrative structures.
- Recognizing how information is organized helps to analyze original work and summarize it for their audience.

Informa Patte		Description	Cue Words
Descri	otion	Describes a topic by listing characteristics, features, and examples	for example, characteristics are
Compa	rison	Explains how two or more things are alike and/or how they are different.	different; in contrast; alike; same as; on the other hand
Cause /	effect	Lists one or more causes and the resulting effect or effects.	reasons why; ifthen; as a result; therefore; because
Proble Solut	,	States a problem and lists one or more solutions for the problem.	problem is; dilemma is; puzzle is solved; question answer
Seque	ence	Lists items or events in numerical or chronological order.	first, second, third; next; then; finally

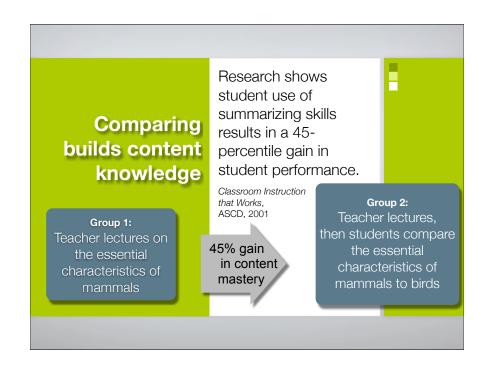


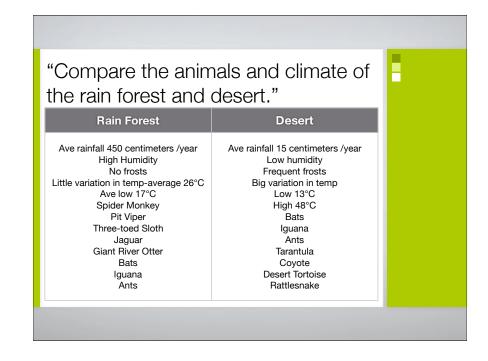


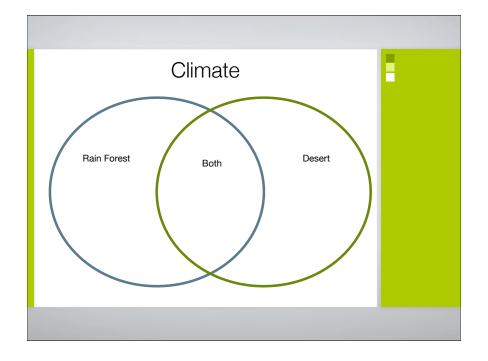


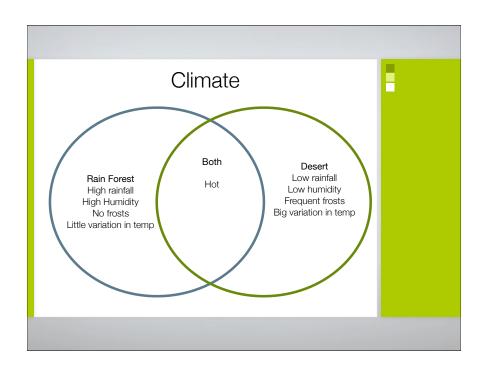


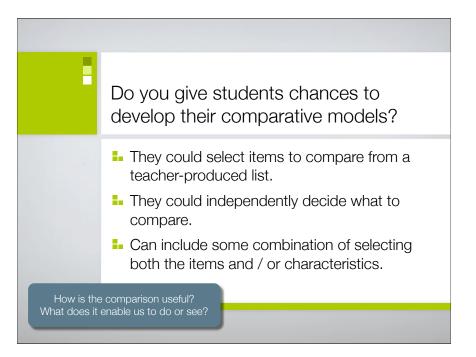


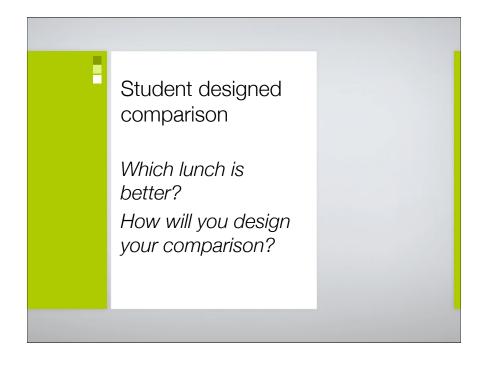


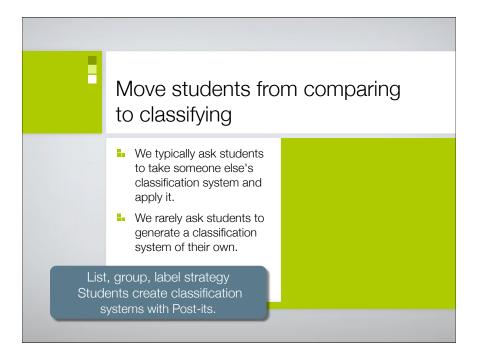


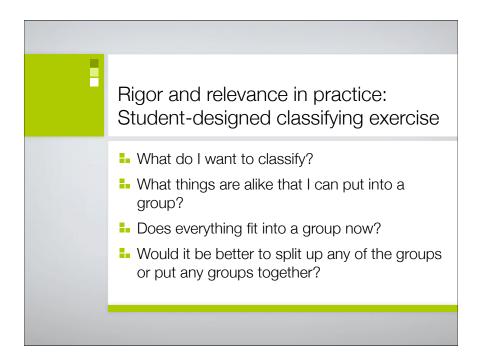






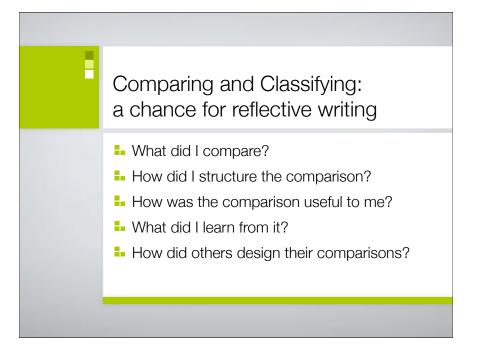


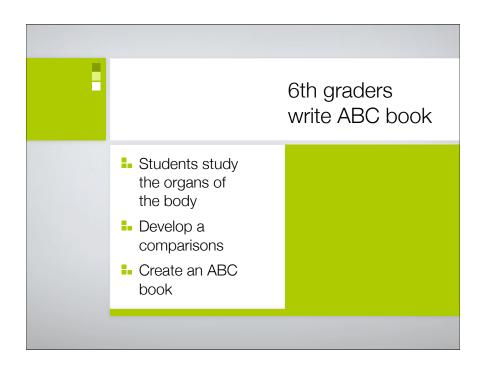


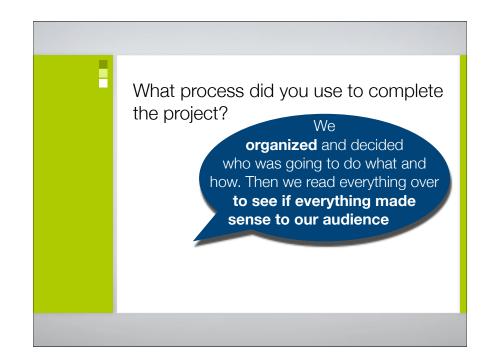


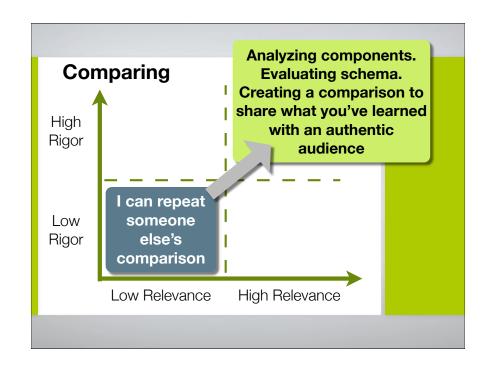


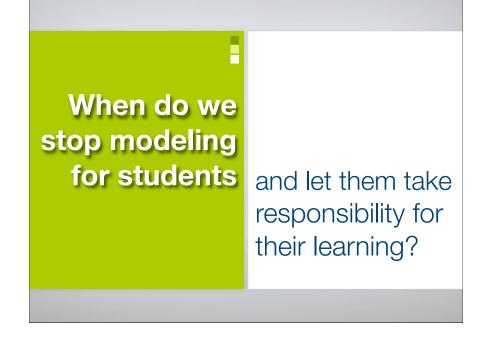
Elements for teaching comparing and classifying Student must be asked what they learned from the comparison.

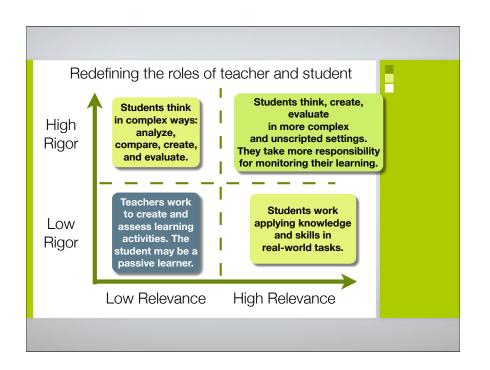


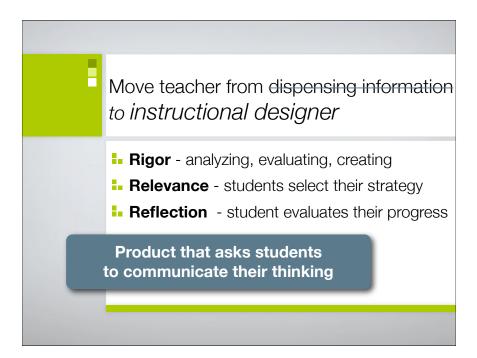












~Doug Reeves

Traditional Writing is Assigned	Writing Assigned with <i>Choice</i>
Students are asked to write only on the teacher's topics.	Students can develop topics that matter to them.
Student writes for the teacher.	Audience and purpose for writing is identified.
Teacher grades their writing.	Students are asked to reflect on their growth.

New digital technologies have put students in charge of the information they access, store, analyze and share.

Digital age gives students access to information and higher order thinking tools.

Bloom's Higher-Order Skills

- Creating generating new ideas
- **Evaluating** justifying a decision or choice
- Analyzing breaking into component parts

What skills will the 21st century workplace require?

- Literacy
- Numeracy
- Self-discipline

Creativity and adaptability they must be flexible independent learners

Our goal – students who will be able to function in an unpredictable world.

Learn to research, think, problem-solve and write like a
- scientist, engineer, coach, artist, historian, writer, mathematician, musician