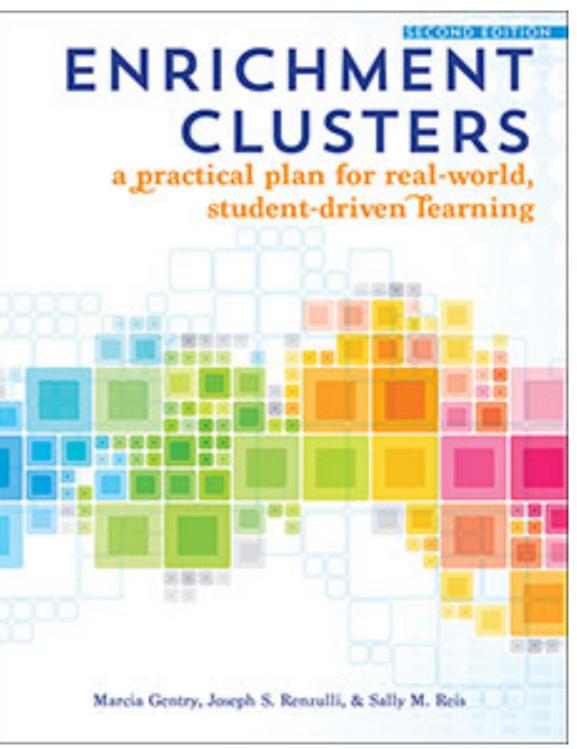
#### Summary...

- 1. Explore various topics, problems, or areas of study that are of interest to you. Brainstorm various creative titles for your cluster.
- 2. Think of some ways to motivate student interest in the topic (Type I) by exploring/displaying what professionals in this topic do and produce. Plan one or two start-up activities that involve some kind of group work.
- 3. Brainstorm possible products and resources students will need to carry out their work (Type II).
- 4. Write an intriguing description/advertisement for your cluster.
- 5. Have students begin the development of a time line.
- 6, Explore various products, outlets, and audiences and plan a Type III Fair.

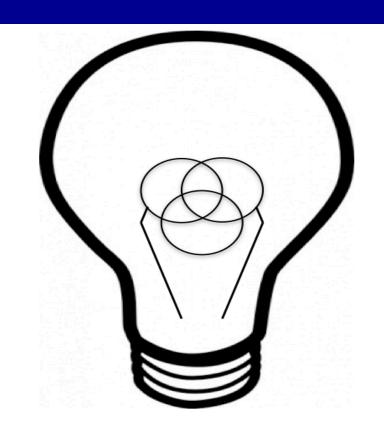
#### Beat Book To Start With

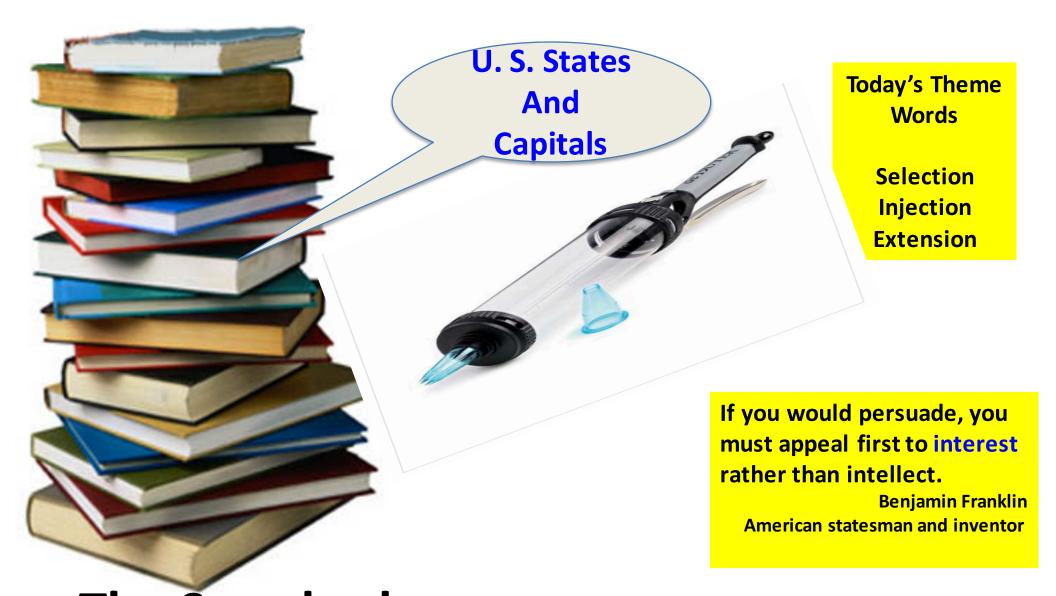






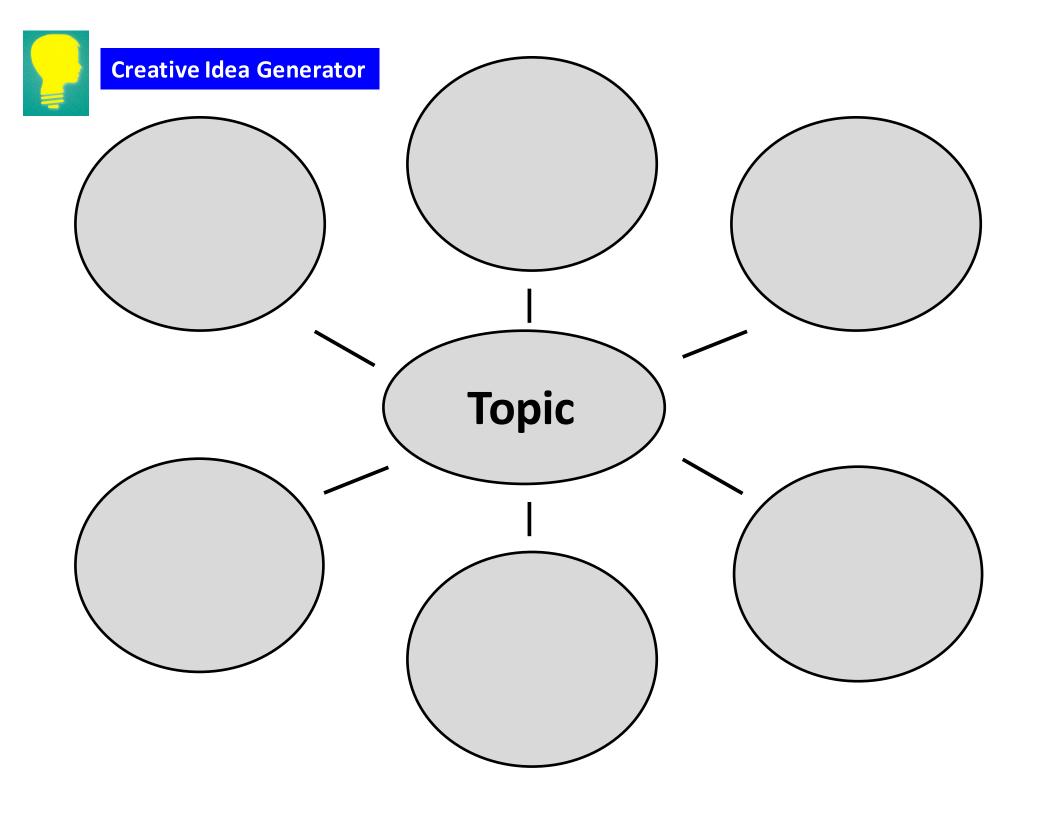
## Infusion of Enrichment Into The Regular Curriculum





The Standards
(Outcomes)
Based Curriculum

Your Magic Enrichment Infusion Device





May I go home Ms. Peterson, I just can't assimilate any more states and capitals today.



#### **Creative Idea Generator**

- A Rap State Song
- Design a state motto/logo
- Travel Game (clues to find destination)
- Create a limerick/poem

- Design a Jeopardy style game
- Who am I? Match capitals & states
- Profiles of famous people from state

- Create state flag
- Students make board game
- Write/choreograph state song
- U. S. Dart Board

State and Capitals (topic)

- Create state political cartoons
- Guessing game for state bird/flower
- PR material for tourism
- Origin of states

- Debate over capitol locations
- Photographic essay of state/capital
- Character sketch of state/capital

- Major events within states
- History of transportation
- Route planning to visit all capitals
- Unique facts

22 Ideas in 10 Minutes!

#### Ten minutes of brainstorming with a group of teachers in Florida...

- A Rap State Song
- State Shapes made out of play dough
- Travel game (find clues to get to destination like \* Carmen Sandiego)
- Route planning to get there (most efficient way to visit all capitals)
- Who am I? game to match states and capitals
- Students make board games
- History of transportation determining capital location
- Character sketch of state and capital
- Photographic essay of state/capital using Internet photos
- Create a flag based on information researched about the state
- Create political cartoons and original songs about the state and capital
- Debate over a better city for a state capitol
- Design a state motto/logo
- Create a limerick/poem
- Design a Jeopardy-style game to learn capitals and states using given supplies and time limit

- Write a song/poem/limerick that students can sing about capitals and states
  - Profiles of most Famous men/women from the state
    - Write/choreograph state song
- Guessing game on state bird/flower
- PR material to get tourists to state
- A dart board (more points for smaller states)
- Origin of state/capital names
- Debate over better capitol locations
- Major events that took place in the state (Wright Brothers @ Kittyhawk)



24 Ideas in 10 Minutes

New Jersey resembles an Indian head.

Minnesota looks like a chef's hat.

Louisiana is shaped like rain boots.

Iowa looks like a face.

#### **Example of Infusion in Practice**



Ms. Allen brought a huge floor map of the United States. The students took off their shoes and walked in their stocking feet on the 50 states.

"This is a giant map," Allen said. "What I'm doing is telling a story about a man on the map, and the story helps the kids learn about the states."

Allen gave the students clues about each of the states so they would have an easier time remembering which went where.

"Minnesota is a chef's hat," she said. "Iowa is a face. Rain boots are Louisiana."

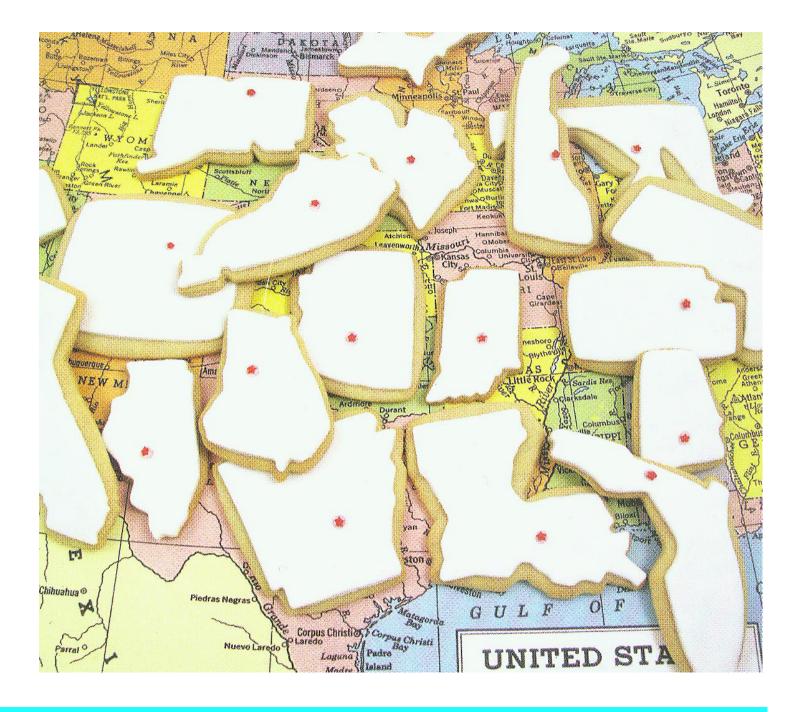
Allen said the floor map is an interactive tool for the students.



Best Extension to come out of this activity.

I asked her and everybody asks me...





http://www.cheapcookiecutters.com/products/united-states-cookie-cutter-set



## Injecting Enrichment Activities Into Any and All Regular Curriculum Topics

The Rules (Apply as many as possible)

1. Not always a single, predetermined correct answer

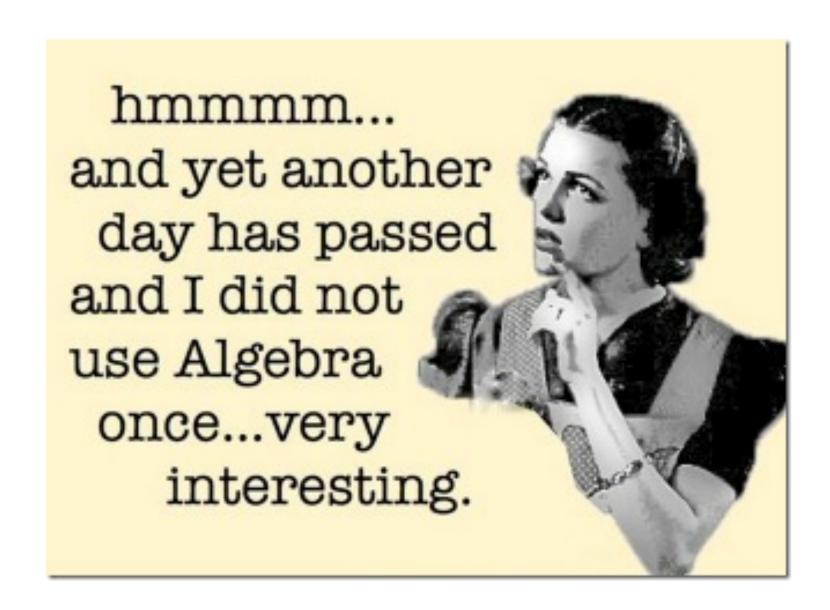
- 2. Something kids do rather than sit and listen
- 3. Something that is fun for most kids
- 4. Something that has various levels of challenge to which interested students can escalate

Enjoyment

Engagement

**Enthusiasm** 

#### Have you ever had this thought?

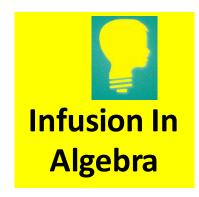


#### **Barbie Dolls Teach Algebra**

Algebra 1 students use formulas and calculations to prevent Bungee-jumping Barbies from cracking their heads in a plunge off the top of the football stadium.

The freshman worked on the data derived from attaching rubber bands to the feet of each Barbie and recording how far she would fall with the addition of each additional rubber band.









Cinquain

Numbers
Added together
Can be multiplied
Saves time
Faster

Eight times eight went out the door Came back in married as sixty-four

Nine times three went to heaven Came back to earth as twenty-seven

Limericks

There once was a number named eight
Who thought he was something quite great
But when divided by four he was two
And his new size made him feel blue.

#### **Making Geometry Meaningful...**





Infusion In Geometry

The 9-foot-tall pyramid they built out of 1,024 smaller paper pyramids was based on the Sierpinski triangle fractal, a mathematical design in which each large piece is made of matching smaller pieces. Submitted to Guinness Book of World Records.



#### Science & Math – Data Gathering



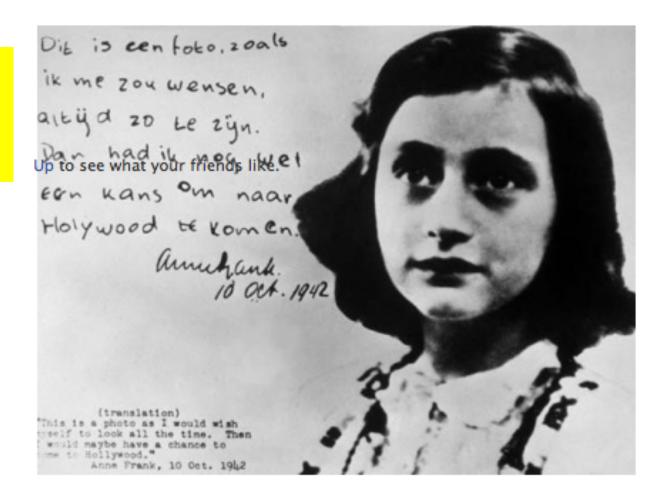




COURTESY DAN ANDERSON

Students measured the height and weight of 10 regular Oreos, 10 Double Stuf Oreos, 10 Mega Stuf Oreos and five wafers.

### Infusion In Literature



Students studying "The Diary of Anne Frank" can do more than read her story these days. An Internet application offers interactive links [http://www.weijima.com/annefrank.htmll] and documentary film clips about the famous Holocaust victim. The app, available from Penguin Books and developer Beyond the Story for iPad and Nook, also includes audio clips from the woman who helped the Frank family during World War II.



## Making History Come Alive



Matt McKean/TimesDaily

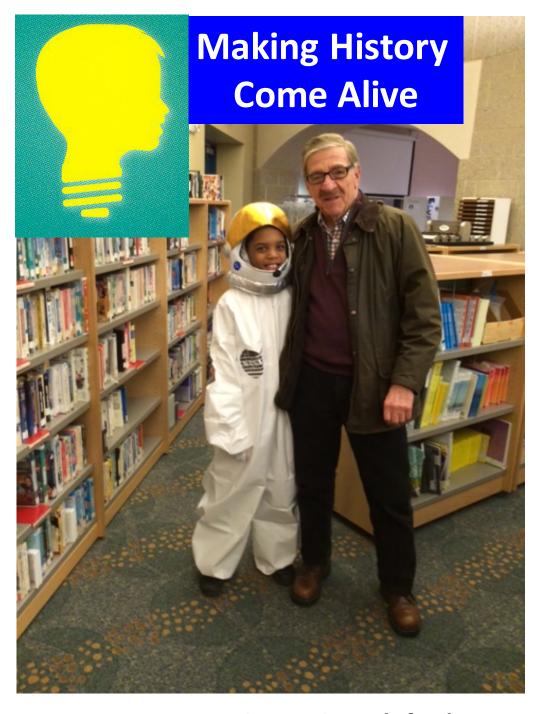
Kerrigan Casey, dressed as the Sojourner Truth, an African American abolitionist and women's rights activist, talks to Alee Stoll, a fourth grader from Forest Hills Elementary School during The American Experience, a project by Florence High School 10th- and 11th-graders.

Fourth-graders from throughout the school district got a firsthand dose of the American Experience at Florence High School on Tuesday.

The school's 10th- and 11th-graders donned costumes and played the roles of the country's earliest American settlers to modern-day history makers.

The American Experience project, which included more than 50 high school student groups, offered displays of the various time periods in the two gymnasiums on campus. As students passed through the stations, they earned "passports" marking their visits to each time period. The project was a joint effort of the English and history departments at the school.

Those faculty members developed a year-long curriculum integrating the two disciplines daily, which, for a five-year period, will take the place of students taking the history or graduation sections of the Alabama High School Graduation Exam.



**Kenyon portraying Guion Bluford** The First African American Astronaut

#### **Night of The Notables**

Jackie Robinson Ada Lovelace **Nelson Mandela** 

Bill Gates **Steve Jobs** 

Ella Fitzgerald

Ludwig van Beethoven Mae C. Jemison

Michelle Obama

**Amelia Earhart** 

**Rosa Parks** 

**Roberto Clemente** 

**Benjamin Franklin** 

Sally Ride

Laura Bush

**Guion Bluford** 

Willma Rudolph

**Tony Hawk** 

Helen Keller

**Anne Frank** 

Marian Anderson

Maya Angelou

**Harry Houdini** 

**Amelia Earhart** 

**Meriwether Louis** 

**Princess Diana** 

LeBron James

**Gabrielle Douglas** 

Helen Frankenthaler

Malcolm X

Sacagawea

**Louis William Tomlinson** 

**Coretta Scott King** 

**Anne Frank** 

Martin Luther King, Jr.

Helen Keller

Sacagawea

Roberto Clemente

Muhammad Ali

**Annie Sullivan** 

Albert Einstein

**Mary Tudor** 



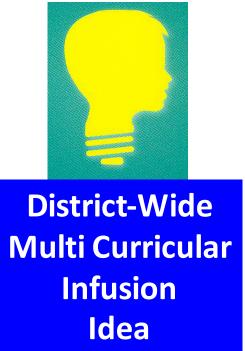
#### Developing Math Skills Through A Fantasy Baseball Program

In the Fantasy Baseball program, students receive fictional baseball cards and analyze the players' statistics to draft and trade while building their own teams. A "Player Wheel," a geometric representation of the player's strengths and weaknesses, is created and used to play against other students' teams. A regular-season schedule is set for the class, usually ending with a World Series game to decide the classroom champion.

Read more: <a href="http://www.post-gazette.com/stories/sports/pirates/math-game-adds-up-to-win-640567/#ixzz1yAFV9459">http://www.post-gazette.com/stories/sports/pirates/math-game-adds-up-to-win-640567/#ixzz1yAFV9459</a>









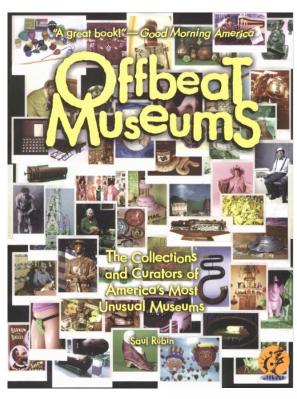
Eighth-grader Andrew Hathcock, 13, discusses energy transformation using wind turbines as an example Thursday inside the "Elements of Change" exhibit at the Museum of Inspired Learning at DaVinci Academy.

#### The Tolerance Museum at Metairie, LA



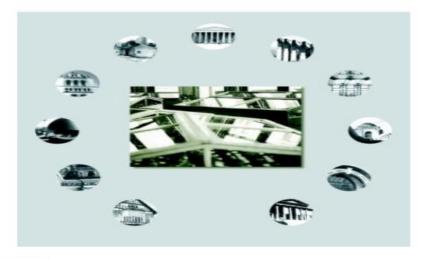
Student Mayank Mardia, 11, talks to Thuy Phan and Vasiliki Tsongas, front to back, about the Hitler youth movement at the Tolerance Museum at Metairie Academy for Advanced Studies in Old Metairie on Thursday. Students created the series of exhibits, hands-on activities and oral histories based on the lessons of their teacher Wendy Foy.

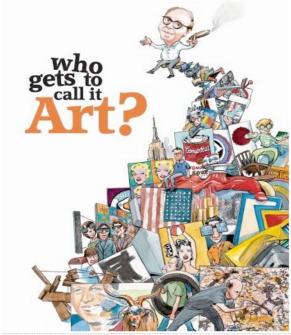
## Students talk up tolerance



#### How-To Books for establishing a museum...







**The Museum of Online Museums** 

http://www.coudal.com/moom/

#### **Mathematical**

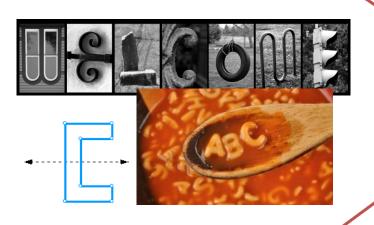
- Lines of Symmetry
- Transformations
- Attributes of letters (curves, angles, etc.)

#### Games

- Scattergories
- Scavenger Hunts
- Create a Board Game
- Computer Games and Apps (LetterSchool)
- Keyboarding

#### **Tactile**

- Write letters in shaving cream, sand, salt, etc.
- Create letters with sand paper
- Cooking with letters (alphabet soup)
- Trace letters on an lpad



Primary
Teaching
the
Alphabet





#### **Performing Arts**

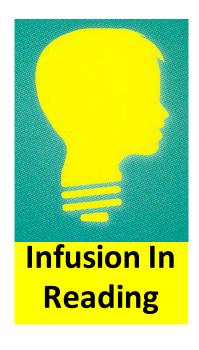
- Create your own alphabet song
- Create an alphabet play or puppet show
- Host a Q and U Wedding

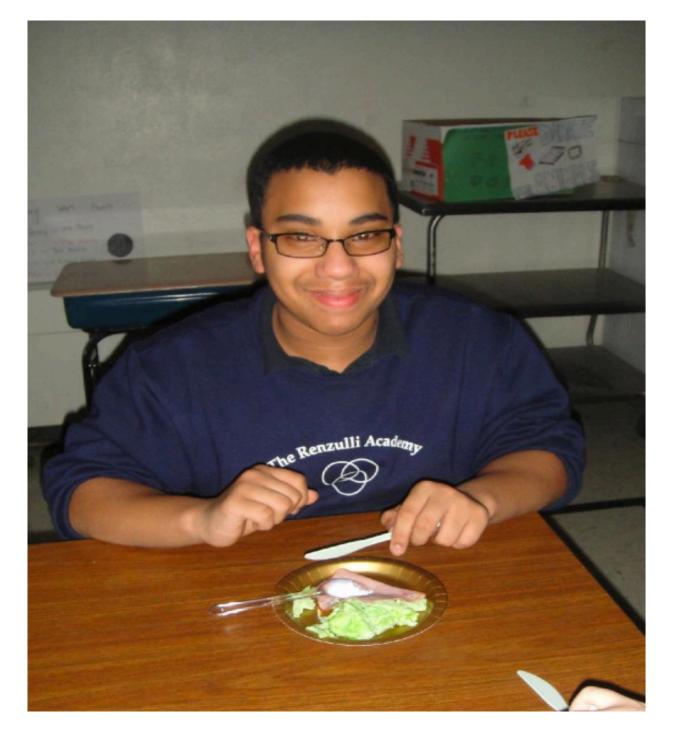
#### **Visual Arts**

- Write and illustrate an alphabet book
- Photograph letters in nature
- Draw personified letters
- Where's Waldo: Create pictures with hidden letters

#### Kinesthetic

- Create an alphabet dance
- Mobile Hullabaloo:
   "Skip to a vowel, spin to the S"
- Letter charades
- Letter Hopscotch
- Body Sculptures with Letters





Making green eggs and ham for his class.



#### **Science Unit On Birds**

Design a new species of bird adapted to a biome.

"Fun Facts" deck of cards about birds

Sketch internal bird anatomy.

Podcast on bird calls

Edit a Wikipedia article on birds.

Glog on a species of bird

Classify birds by habitat and diet. Prezi on birds of prey

Podcast on bird calls

Write a short play about birds.

Diorama depicting birds of a habitat Bird classification card game

E-Photo album of state birds

Mystery game with bird feathers

#### **Birds**

(topic)

Map migratory flight patterns.

Dissect owl pellets.

Virtual bird dissection

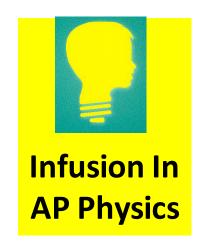
Poem about birds

Compare birds' beaks through sketches.

Borad game about birds

Debate whether birds should be kept as pets.





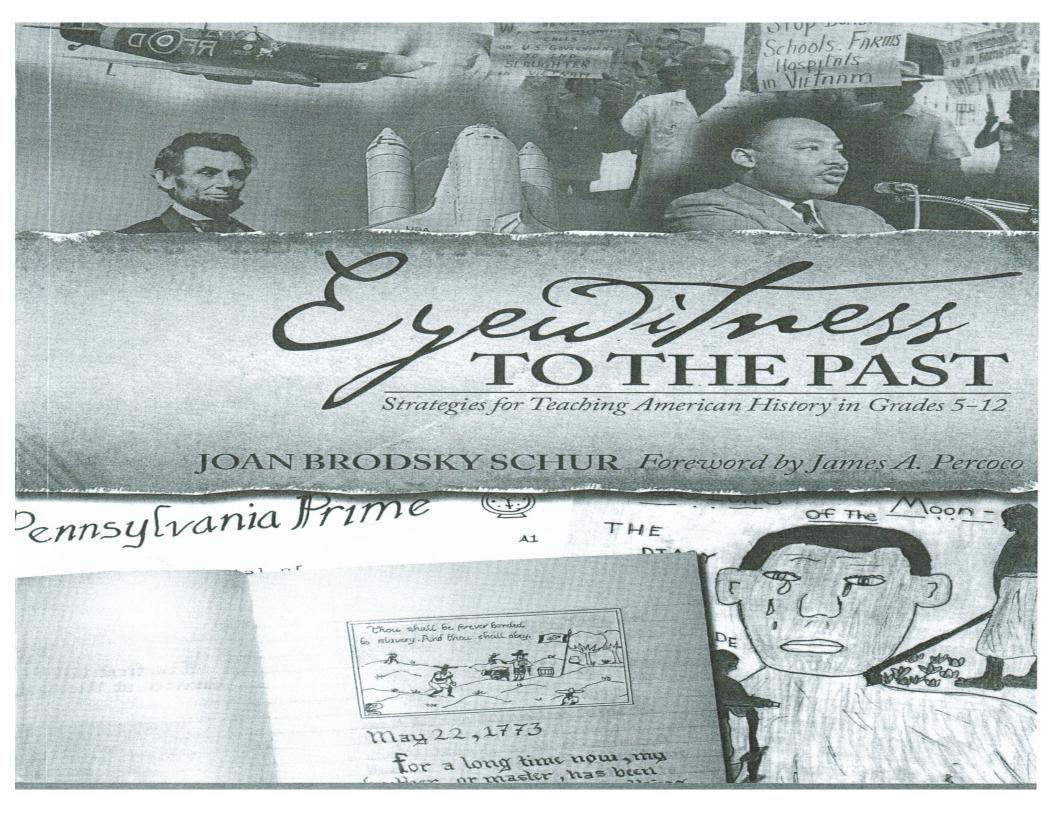
At the end of each unit in AP Physics teacher Raymond Cirmo asks each group of students to show how thay can integrate what they covered in the unit to a year long project that students select. This group is applying everything they learned to launching a video camera, a GPS system and an instrument for collecting particles in the atmosphere. They built a platform and attached it to weather ballons which carried it to the upper limits of the atmosphers and returned safely to Earth.



# Best Resources for Creative/ Productive Giftedness

Super Hint for getting more authentic Type IIIs in your Enrichment Clusters...

Learn all you can about How-To Books in the area(s) of your student's interests. Help students identify basic principles and concepts in their field of interest.



Monday, January 8, 2007

#### Photo Analysis Worksheet

Step	1. Observation					
A -	Study the photogra examine individual see what new detai	items. Next, divide the photo	verall impression of the photograph and then o into quadrants and study each section to			
3.	Use the chart below to list people, objects, and activities in the photograph.					
	People	Objects	Activities			
-		-				
-			1			
-						
		1				
Step	2. Inference					
	Based on what you photograph.	have observed above, list the	hree things you might infer from this			
-						
Step	3. Questions					
A.		es this photograph raise in y	our mind?			
В.	Where could you fit	nd answers to them?				
-			1			

Designed and developed by the Education Staff, National Archives and Records Administration, Washington, DC 20408.

Page URL: http://www.archives.gov/education/lessons/worksheets/photo.html

The U.S. National Archives and Records Administration 8601 Adelphi Road, College Park, MD 20740-6001 • Telephone: 1-86-NARA-NARA or 1-866-272-6272

#### Advertisement Analysis Worksheet

A.	In what publication did this advertisement appear? What is the date of publication?
В.	Who created the advertisement?
C.	What is the purpose of the advertisement?
D.	Who is the intended audience for the advertisement?
E.	If a product is being sold, what strategies does the ad use to convince the target audience that they should want this product?
F.	How common or unique was this product for its era?
G.	What does the advertisement tell us about material life in America at this time?
Н.	What does the advertisement tell us about social relationships in America at this time?

Fig 5.3 Advertisement Analysis Worksheet

#### Debate Score Sheet Topic: [The Bank War] \_\_\_\_\_ TEAM: [Andrew Jackson] \_\_\_\_\_\_ DEBATOR [Marcus Adams] \_\_\_\_\_ Did the speaker present convincing, well-reasoned ideas supported by ARGUMENTS: facts? Did the speaker give a point for point refutation of the opponent's speech, REBUTTAL: presenting well-reasoned arguments and facts? Were the constructive and rebuttal speeches delivered in a clear, forceful, PRESENTATION: and convincing manner? Did the speaker win your trust? 1-5 points with 5 the highest score possible. SCORE: Constructive Arguments \_\_ Rebuttal Presentation

Fig 6.3 Debate Score Sheet

www.archives.gov

Monday, January 8, 2007

#### Cartoon Analysis Worksheet

Level 1	
Visuals	Words (not all cartoons include words)
<ol> <li>List the objects or people you see in the cartoon.</li> </ol>	<ol> <li>Identify the cartoon caption and/or title.</li> </ol>
	<ol> <li>Locate three words or phrases used by the cartoonist to identify objects or people within the cartoon.</li> </ol>
	<ol> <li>Record any important dates or numbers that appear in the cartoon.</li> </ol>
Level 2	
Visuals	Words
<ul><li>2. Which of the objects on your list are symbols?</li><li>3. What do you think each symbol means?</li></ul>	<ul><li>4. Which words or phrases in the cartoon appear to be the most significant? Why do you think so?</li><li>5. List adjectives that describe the emotions portrayed in the cartoon.</li></ul>
Level 3	
A. Describe the action taking place in the ca	artoon.
B. Explain how the words in the cartoon cla	rify the symbols.
C. Explain the message of the cartoon.	
D. What special interest groups would agree	e/disagree with the cartoon's message? Why?

Page URL: http://www.archives.gov/education/lessons/worksheets/cartoon.html

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Promotional Materials Score Card				
TEAM: _	NAME OF STUDENT			
Α.	Check item produced:  □ Poster □ Flyer □ Buttons □ Bumper Stickers □ Radio or TV Ads □ Political Cartoon □ Other			
В.	Score: 1-5 point with 5 the highest score possible.  1. Was the message of the promotional material clear?  2. Did it reflect an understanding of the issues in the campaign?  3. Was it produced with creativity and care?  4. Was it clever and did it carry emotional punch?			

Fig 6.4 Promotional Materials Score Card

#### Document Analysis Worksheet

Your Name Title of Document	
Α.	Is your document (check one)  Issued by a governmental agency? Issued by a private organization? I A contract between two private citizens?  How do you know? Explain:
В.	When was it issued? To whom was it issued? By whom was it issued?
C.	Are there any seals on the document, and what do they tell us?
D.	Are there any signatures on the document, and if so what do they tell us?
E.	To what does the certificate or legal document attest or certify?
F.	Why might it be important for the agency or person who issued this document to retain such a record?
G.	Why might it be important for the recipient to keep a copy?
Н.	What can we learn about the recipient's life from this document?
1.	What can we learn about this time period in history from this document?

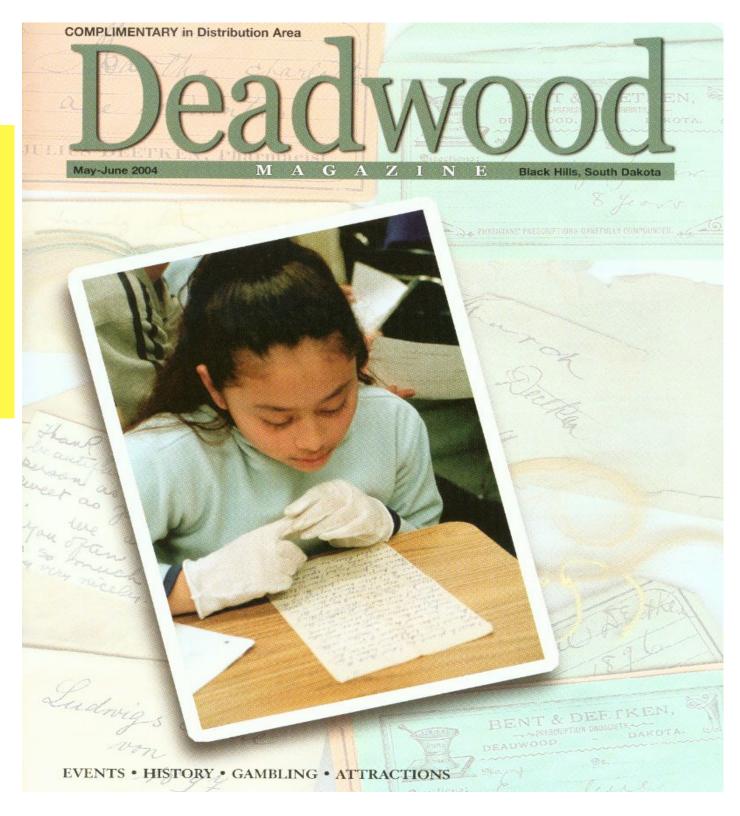
Fig 7.1 Document Analysis Worksheet

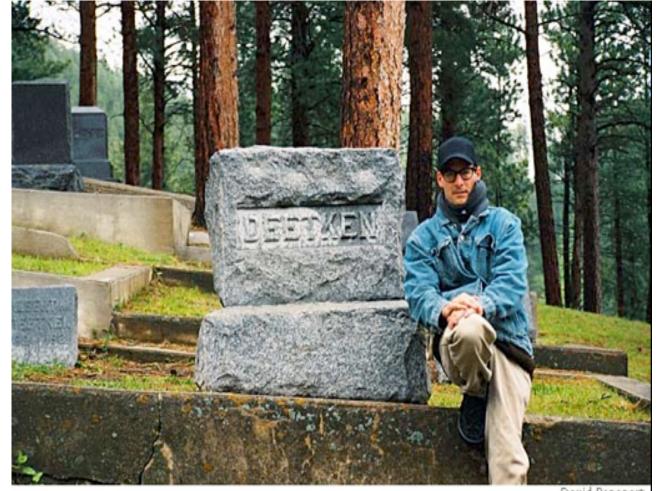


### San Francisco Chronicle

Glimpse of Wild West in San Jose

-Dave Murphy, San Francisco Chronicle Staff Writer





Julius Deetken: Pioneer

Druggist An Application of the
Enrichment Cluster Model to a
History Classroom
David Rapaport

http://www.gifted.uconn.edu/
sem/jdeetken.html

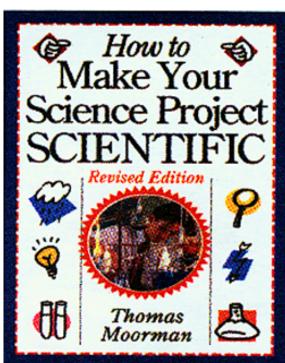
David Rapaport

Teacher David Rapaport, teacher at Bret Harte Middle School, sits next to Julius Deetken's tombstone in Deadwood, South Dakota.

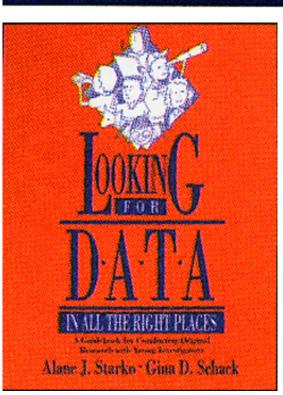
### Scrapbook Reader's Review

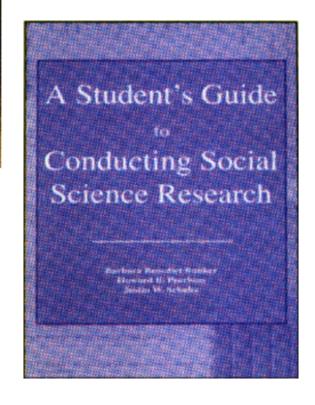
T		Documents from which you deduced these facts
	Facts about the Subject's life.	Documents from which you deduced these facts
	1.	
	2.	
	3.	
	4.	
	5.	
1	115.	
	3.	
В.	In the space below describe one	of the most interesting documents included in this
В.	In the space below describe one	econstruction era. What did you learn from it and t
В.	In the space below, describe one scrapbook about life during the R comments the writer wrote about	leconstruction era. What did you learn from it and to it:
в.	In the space below, describe one scrapbook about life during the R comments the writer wrote about	leconstruction era. What did you learn from it and to it:
в.	In the space below, describe one scrapbook about life during the R comments the writer wrote about	leconstruction era. What did you learn from it and to it:
	In the space below, describe one scrapbook about life during the R comments the writer wrote about	that you admire about the subject's life. What were
	In the space below, describe one scrapbook about life during the R comments the writer wrote about	that you admire about the subject's life. What were

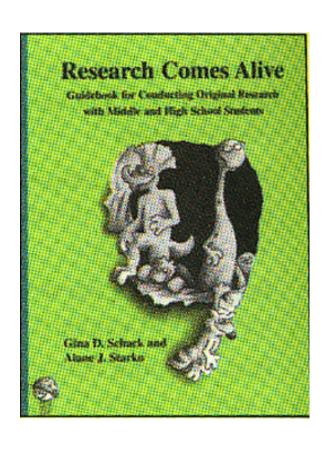
Fig 7.4 Scrapbook Reader's Review

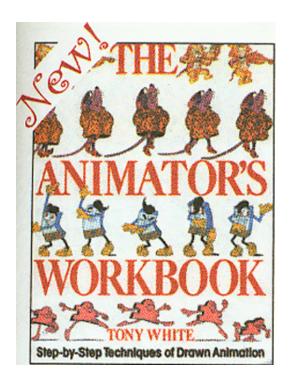


### www.creativelearningpress.com

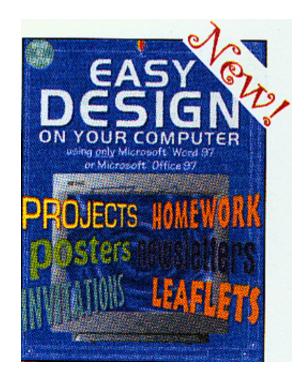


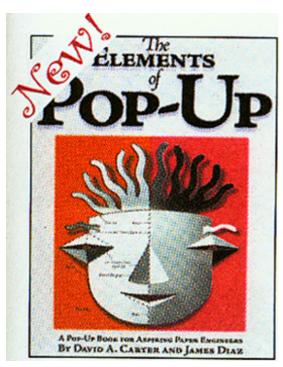


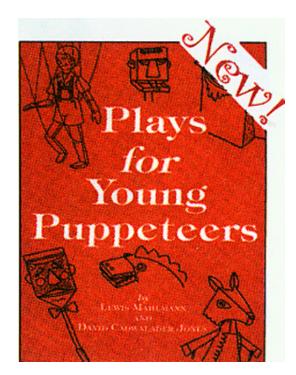


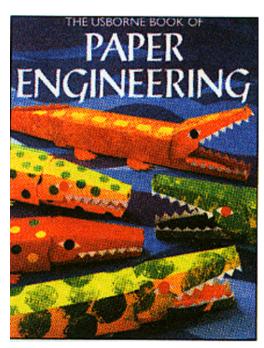


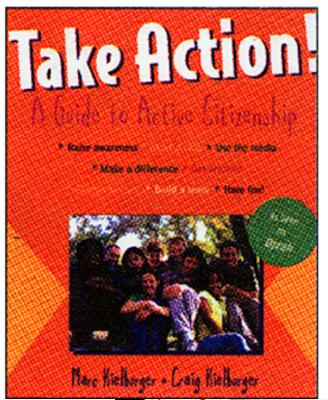


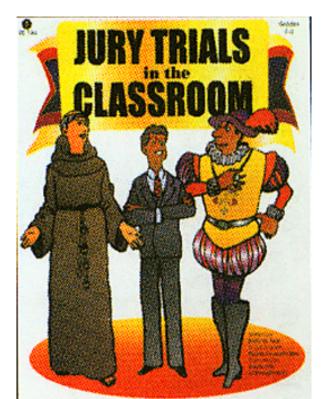


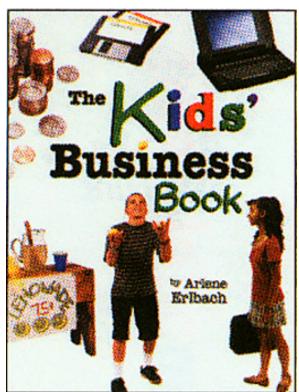


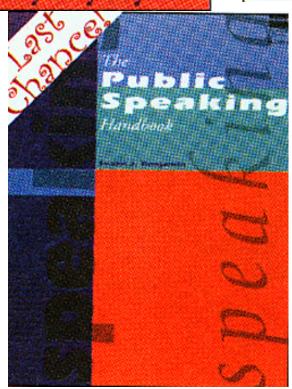


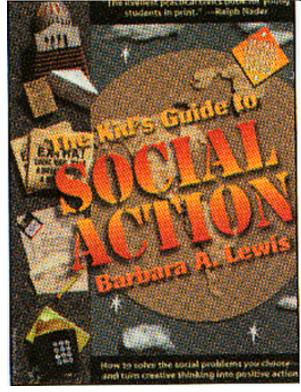


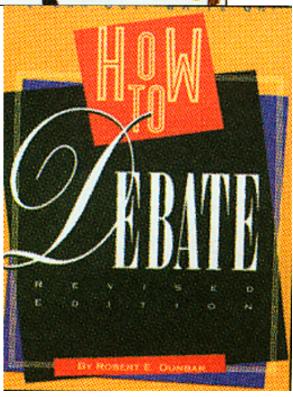




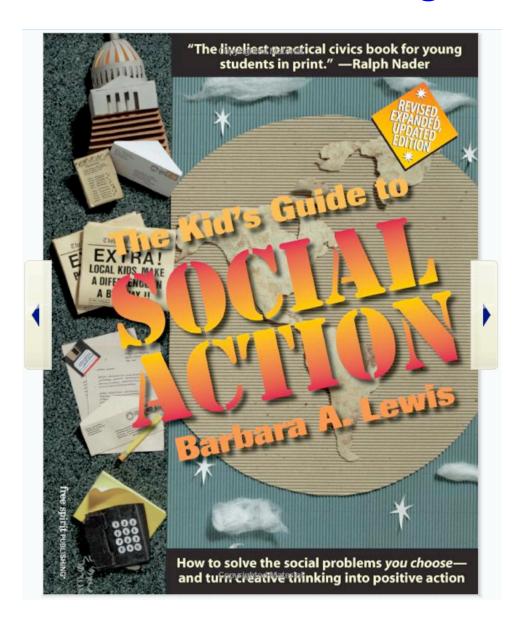


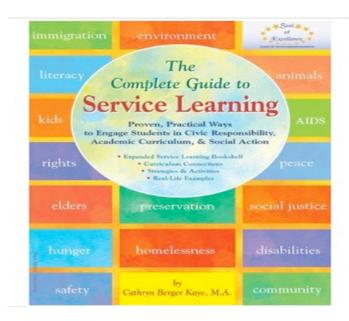


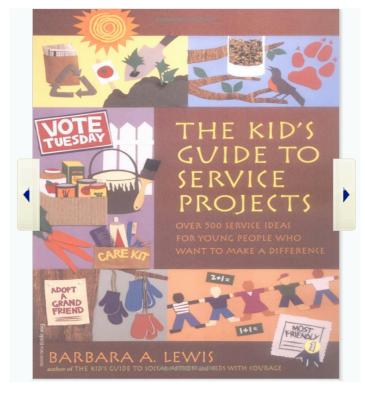


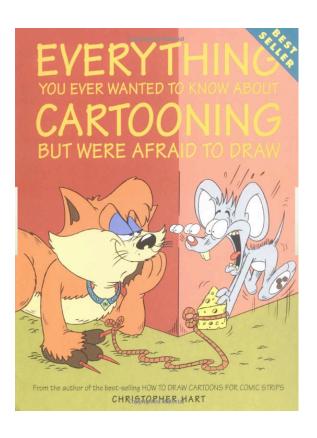


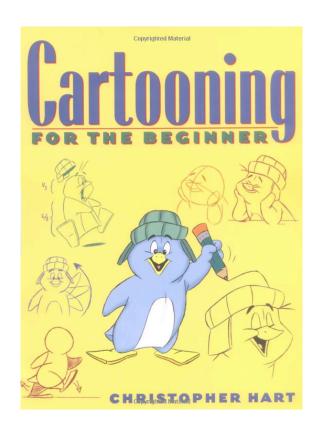
# From the How-To Data Base at www.renzullilearning.com



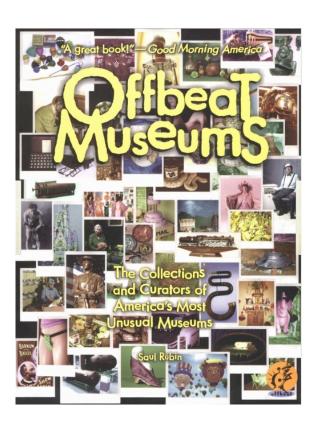




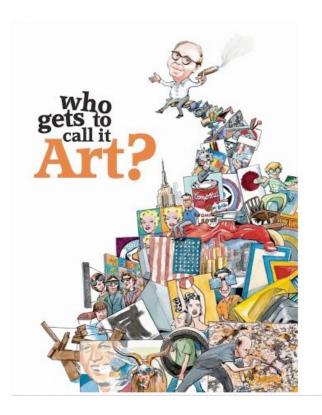






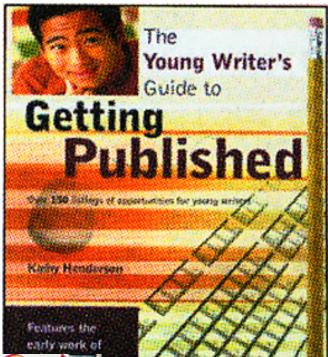


### How-To Books for establishing a museum...



Museum, Media, Message

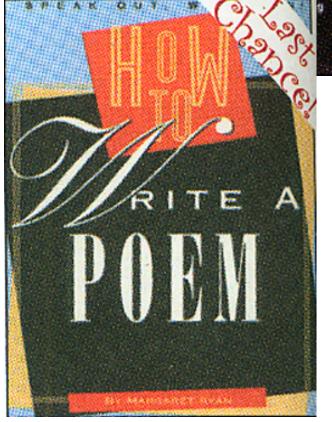


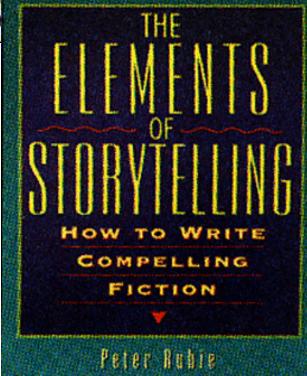


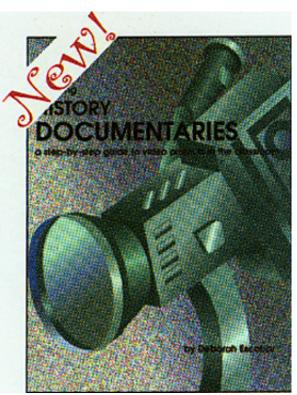
# The Art & Craft of Playwriting

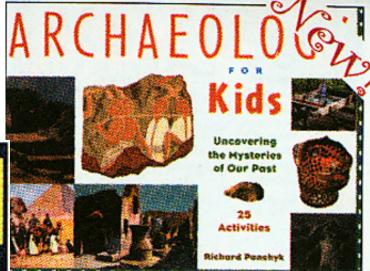
Includes Interviews With Lee Blessing José Rivera Marsha Norman

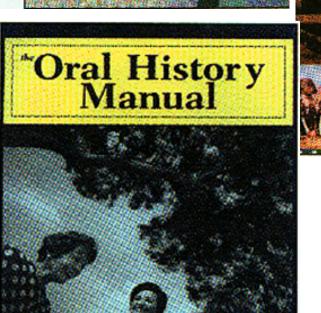
effrey Hatcher



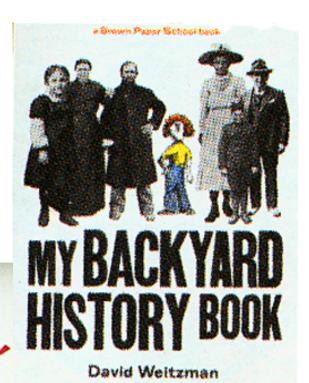


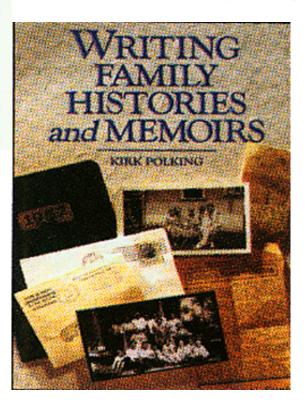


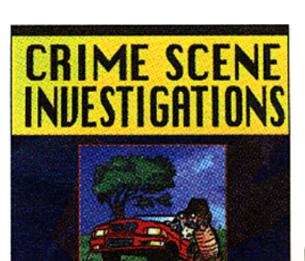




BARBARA W. SOMMER AND MARY KAY OUINLAN

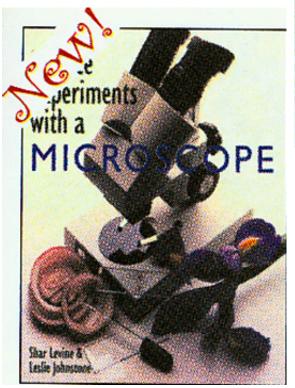


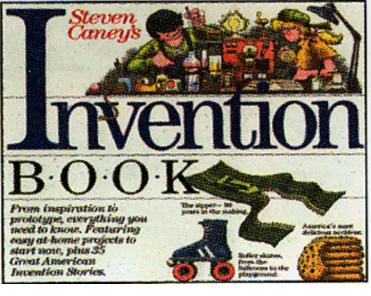


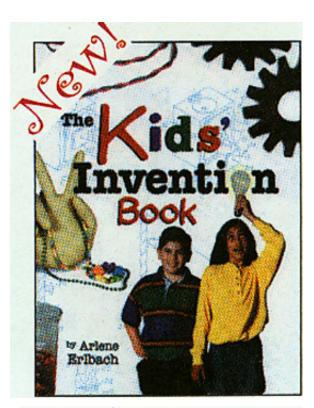


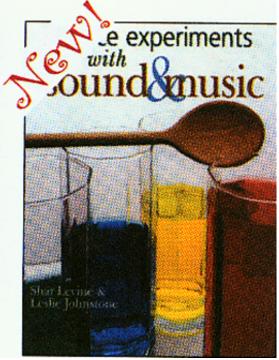
REAL-LIFE SCIENCE ACTIVITIES FOR THE ELEMENTARY GRADES

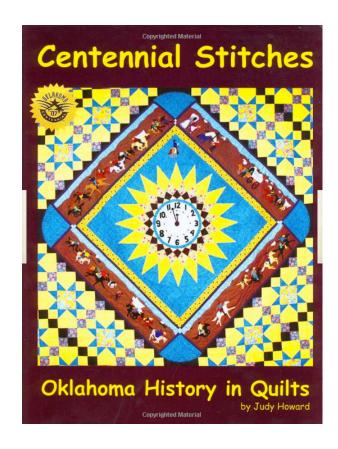
Pass thorees - Franci thoon





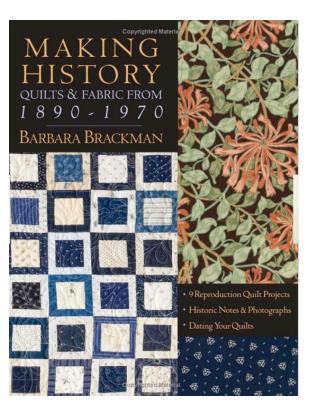


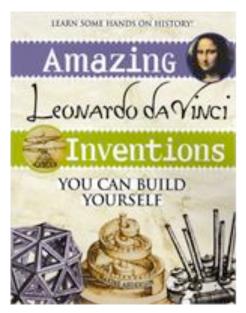


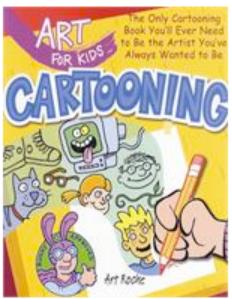


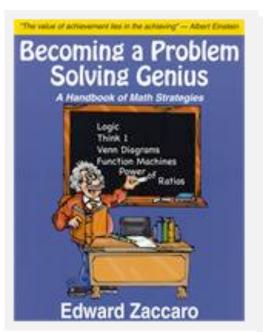
# The importance of How-To Books

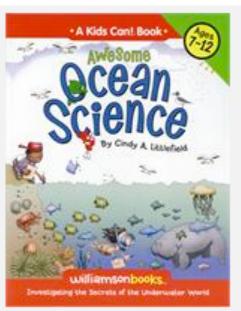


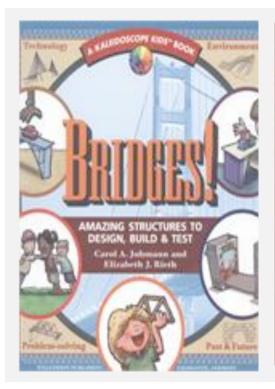


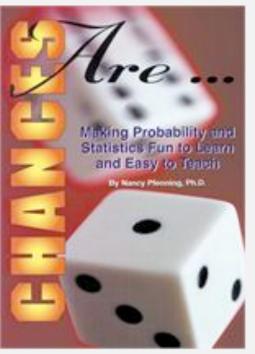


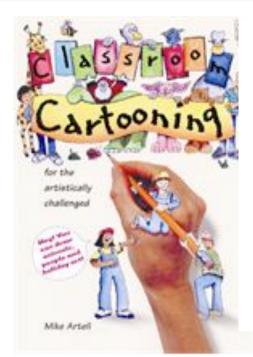


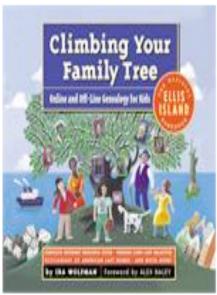




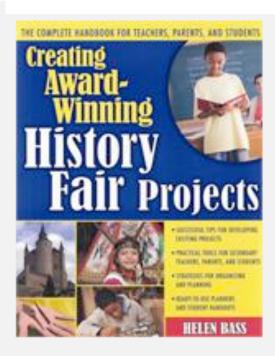


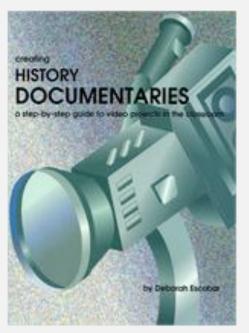


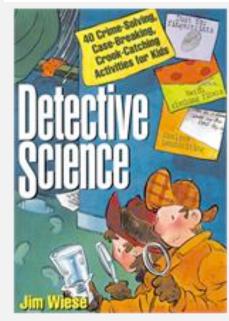


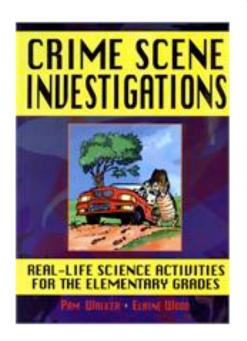


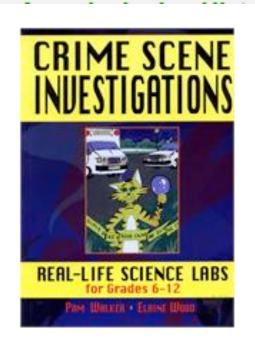


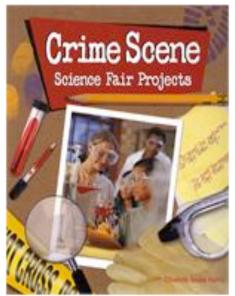


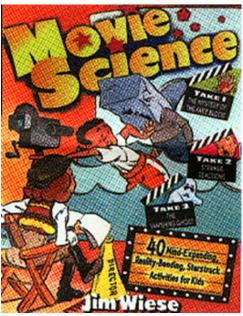


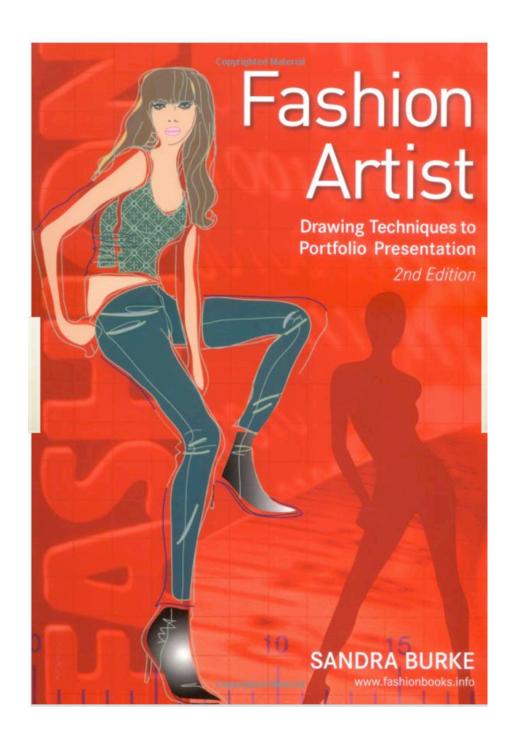












# Basic Principles and Functional Concepts of Fashion Design

**Principles** 

**Concepts** 

Contrast

Rhythm

Unity

**Emphasis** 

Pattern

Movement

Balance

Value

Color

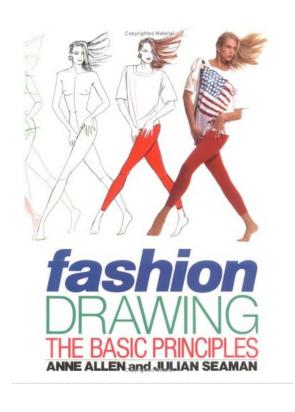
Form

Shape

Line

Space

**Texture** 



<u>crystal@interaccess.com</u> Ask for information about their design poster series.

# FASHION DESIGN DRAWING AND PRESENTATION



Patrick John Treland

### A gift that will keep on giving... if you cooperate!



# Enrichment Cluster Database

### www.gifted.uconn.edu/clusters/clusters.cfm

Be part of this valuable resource. Send your Enrichment Cluster descriptions and we will include them as we update the database to meet the expanding need for innovative ideas. Email your descriptions to <a href="mailto:angela.pigg@uconn.edu">angela.pigg@uconn.edu</a>

Please include with your email:

- 1. Target grade levels for your cluster
- 2. The subject area
- 3. Your name
- 4. Your school's name
- 5. The principal's name
- 6. Title of the Enrichment Cluster
- 7. The Enrichment Cluster description

Keep in mind that these descriptions are valuable regardless of whether they are from previous years, or up and coming. Teachers everywhere can benefit from your contribution.

Joe & Angela

Title
The

The Oral History Manual

**Quick Writes** 

Blazing Pencils

The Audubon Society Field Guide to North American Fossils

You Can Write Song Lyrics (You Can Write)

How To Do Inventions for Science Fair Projects

Attack of the Killer Video Book: Tips and Tricks for Young Directors

"Movie Science: 40 Mind-Expanding, Reality-Bending, Starstruck Activities for Kids"

Egyptian Hieroglyphics: How to Read and Write Them

Nolo's Patents for Beginners

Absolute Beginner's Guide to Taking Great Photos

The Kids Book of Incredibly Fun Crafts

School Power: Study Skill Strategies for Succeeding in School

How to Play Tennis

High School Algebra Tutor

Screen Teen Writers: How Young Screenwriters Can Find Success

The Teenager's Guide to the Real World

More Award-Winning Science Fair Projects

"Kids Book of Soccer: Skills, Strategies, and Rules of the Game "

Math Games and Activities from Around the World

The Mad Scientist Handbook 2

# THE A.S.P.I.R.E. SURVEY



Six Points of Engagement for School Communities

Mallory M.Bagwell, Ph.D. Michele Femc-Bagwell, Ph.D.



Super Hint for getting more authentic Type IIIs in your Enrichment Clusters...

Search the Internet for professional associations that offer resources in specific topic areas.

# Strength-based Differentiation Engine<sup>TM</sup>

Matching Resources to Individual Learning Profiles

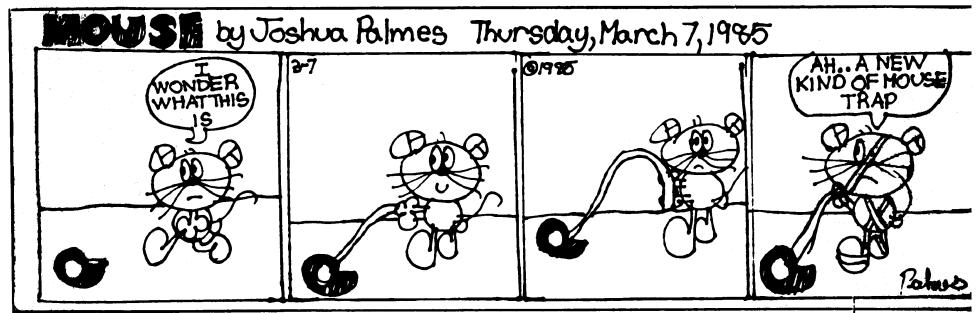


### MY ENRICHMENT ACTIVITIES:





www.museumofcartoonart.org



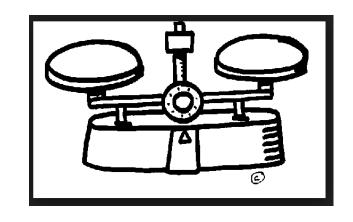
Mouse and the Scotch tape dispenser. (Cartoons by Joshua Palmes, a 10-year-old student at Webster Hill School, will be a regular feature of West Hartford News.)

# Super Hint for getting more authentic Type IIIs in your Enrichment Clusters

Think Data...



Think Instruments!



Find the tools that professionals use to gather data in their aera(s) of investigations







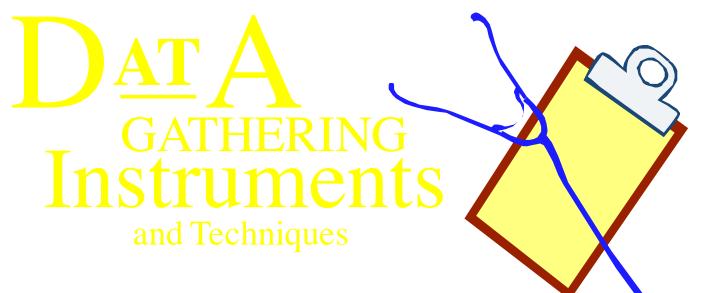












Interview
Questionnaire
Rating Scale
Observation Record
Sociometric Device
Salt Analyzer
Metal Detector
Dissecting Kit
Biofeedback Monitor
Maze

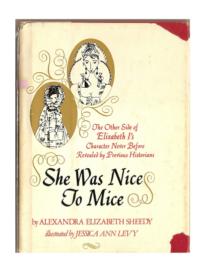
Thermometer Barometer Litmus Paper / pH meter **Blood Pressure Monitor Color Blind Test** Pedometer Respiratory Flow Meter Camera Tape Recorder Video Recorder

Water Test Kit Oxygen Analyzer Magnifier Microscope Telescope **Eye Chart** Scale Ruler Tape Measure Voltmeter **Amp Meter Ohm Meter** Light Meter Sound Meter Spectroscope

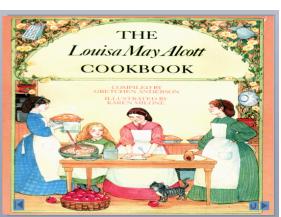
Super Hint Number 3 for getting more authentic Type IIIs in their Enrichment Clusters...

Help students explore the full range of product options.

Decorate the school environment with numerous types of products from various disciplines.







# Instructional Products

<u>Concrete Products</u>: Physical constructions young people create as they investigate the representative topics and interact with the principles, concepts and methodology of the discipline.

- Artistic Products
  - Architecture
  - Murals
  - Sculpture
  - Maps
  - Graphic Designs
- Performance Products
  - Skits
  - Role playing
  - Dance
  - Mime
  - Interpretive Song

- Spoken Products
  - Debates
  - Speeches
  - Demonstrations
  - Panel Discussions
  - Book Talks
- Visual Products
  - Videos
  - Musical Scores
  - Blueprints
  - Diagrams/Charts
  - Timelines

# Possible Student Products

	_			
Advertisement	Crossword puzzle		Oil painting	Set design
Animation	Dance	Landscape design	Oral history	Short story
Annotated	Debate	Large-scale	Oral report	Silk screening
bibliography	Diary	drawing	Overhead	Simulation
Art gallery	Dictionary	Lecture	transparency	Skit
Audiotape	Diorama	Lesson	Pamphlet	Slide/tape
Batik	Display	Letter	Paper weight	presentation
Biography	Dramatic	Letter to the	Pattern	Small-scale model
Blueprint	monologue	editor	Photo essay	Social action plan
Board game	Editorial	Limerick	Play	Song
Book jacket	Elegy	Line drawing	Picture dictionary	Sonnet
Bulletin board	Essay	Magazine	Poem	Stencil
CD-ROM	Etching	Magazine article	Portfolio	Stitchery
Calendar	Experiment	Map	Poster	Survey
Campaign	Fable	Maze	Pottery	Terrarium
Card game	Fact file	Memorial	Product packaging	Textbook
Ceramics	Fairy tale	Mobile	Puppet	Timeline
Charcoal sketch	Family tree	Monograph	Puppet show	Topographical map
Chart	Festival	Montage	Radio show	TV documentary
Choral reading	Filmstrip	Movie	Relief map	TV newscast
Collage	Glossary	Mural	Research report	Video
Collection	Graph	Museum exhibit	Rubbing	Video game
Comic strip	Greeting card	Musical	Sand-casting	Vocabulary list
Computer game	Guest speaker	composition	Science fiction	Weather
Computer program	Haiku	News report	story	instrument
Costume	HyperCard stack	Newspaper	Scrapbook	Weather loq
Costume design	Illustrated story	Observation log	Sculpture	Wrapping paper

# Super Hint Number 4 for avoiding the fun-and-games criticism...

"Ac-a-demic-ize" every topic!!
(Even arts and crafts) by "pushing in" academic content...

VERY IMPORTANT! Use students' motivation to develop creative products as a vehicle for doing scholarly background research in their areas of interest. You can't be a creative or critical thinker with an empty brain!

# Quiting through listory

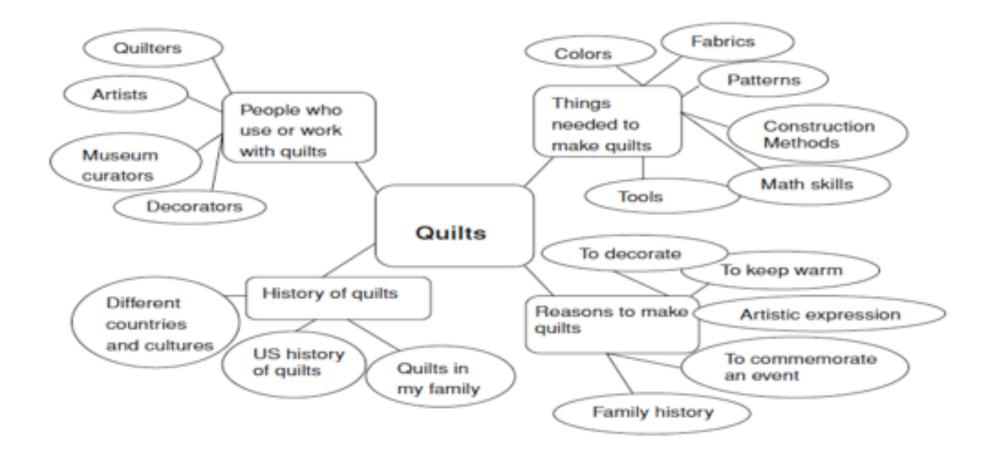


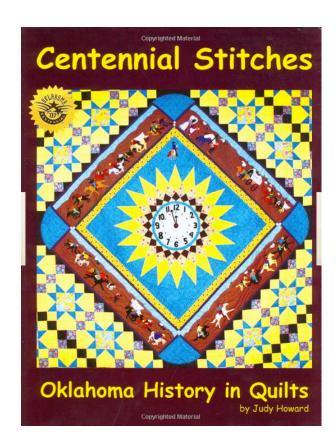
A quilt showing the history of American state birds and flowers

Would you like to study history in a creative way? The story of the American quilt is the story of America itself, stitching together the history, hopes, and heartaches of a nation. Investigate historical events, places, or persons of interest and record a little bit of history by creating your own quilt that tells a story.

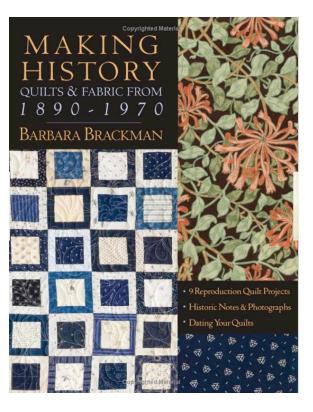
# National Quilt Museum Paducha, KY http://www.quiltmuseum.org

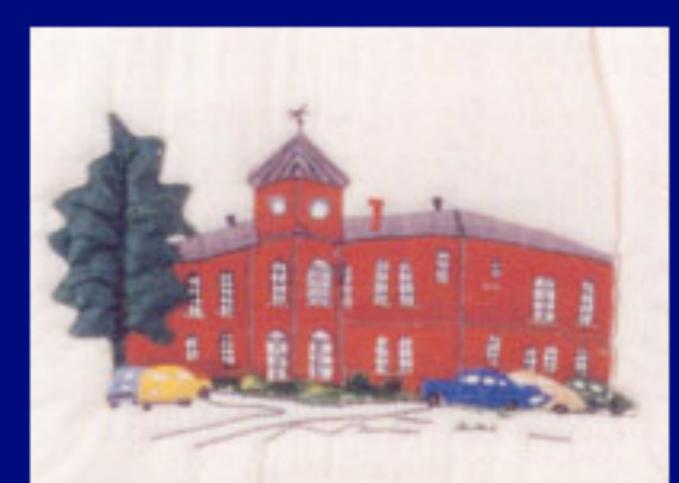












HARNETT COUNTY COURT HOUSE

STREAM PLAN

# The "Father of the Airborne"







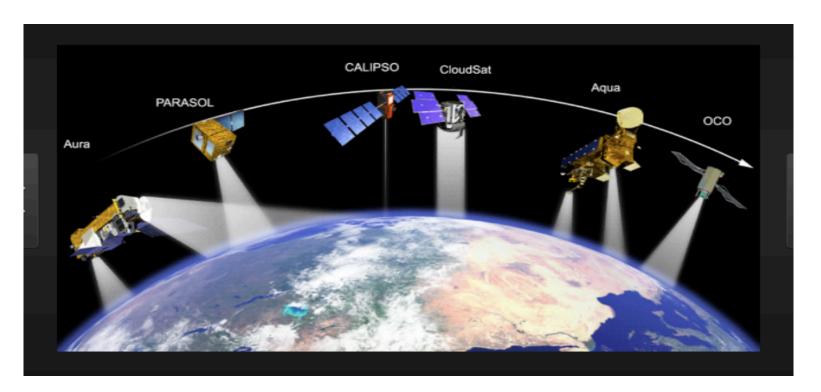
KENTUCKY (2/9/17) — Senator Dorsey Ridley, D-Henderson, poses with a quilt that students from the Audubon Arts Series in Henderson County Gifted and Talented Program made that portrays the original "Ruby Throated Hummingbird" painted by John James Audubon in 1821.

#### **High School Example**

#### The NASA Space Satellite Team

Are you interested in building a satellite that will orbit the Earth? Join the NASA Space Satellite Team and participate in a project that will actually build a satellite. We will experiment with the effectiveness of various types of communication systems and will post data online for other satellite operators to use.

Be prepared to work on one of several teams that will get us ready for the countdown when we hitchhike a ride on a NASA Rocket in 2018.



#### **High School Enrichment Cluster**

The NASA Space Satellite Team
High School For Science and Technology

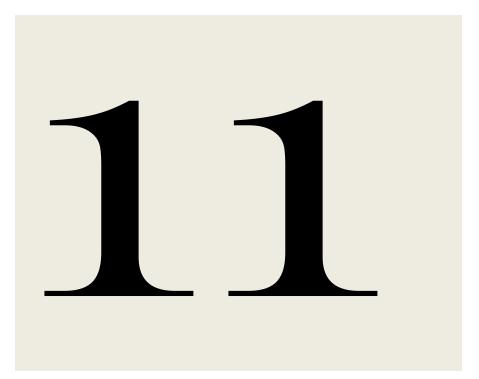
Most aspiring teenage scientists never see their projects go much further than the local science fair.

"It's just nice to be able to be exposed to a field that we normally wouldn't see through our school curriculum," said Stephanie Chen, a high school senior who is one of the leaders of the 80 student group working on the project. "I never expected that I would be learning this stuff in high school."

Type I -- Students saw an announcement about NASA's CubeSat program, which allows small satellites called CubeSats to hitch a free ride on rockets headed for space.

Type II -- The group of students partnered with nano-satellite company Ragnarok and Emergent Space Technologies, which is offering mentors and materials.

Type III -- A 10 centimeters by 10 centimeters Satellite.





# The Renzulli Learning System

#### I know what you're thinking!



#### Give me a break!

How the hell can we accommodate all these things? I've got 26 students and a state curriculum to cover. Where will I find the time and resources for enrichment?

Let the machine do the heavy lifting.













Hello, Joseph S. Renzulli. We have recommendations for you. (Not Joseph?)

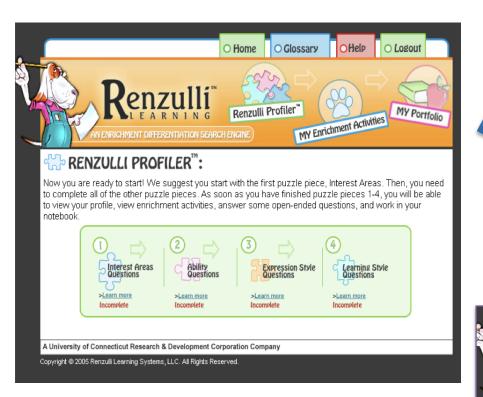
Joseph's Amazon.com



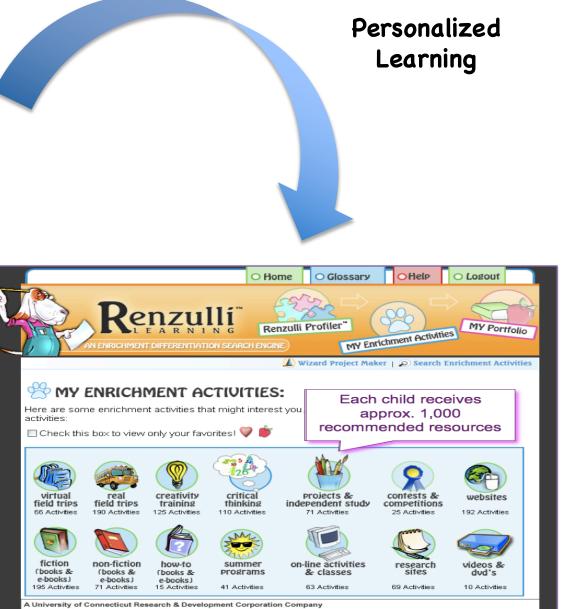
Today's Deals

Gifts & Wish Lists

Gift Cards



### Individualized Strength Assessment



Resource Matching Search Engine 50,000 Enrichment Resources

Renzulli Learning: Student Profile

Rural Low SES High Achiever

Print!

#### Student Profile

#### This profile is for: Valerie

Valerie is a seventh grade student who has special interests and abilities in school. She described her grades as above average in math, above average in science, above average in reading, and above average in social studies. She seems to have several areas of interest. Her **primary interest appears to be in writing**. She seems to enjoy writing, and should have opportunities to develop skills in writing in a variety of genres such as fiction and non-fiction, poetry, and journalism.

Valerie's **second area of interest appears to be in performing arts**. See really enjoys various types of performing arts, such as music, dance or drama and may enjoy performing or helping to direct, manage the stage, or design sets!

Valerie's **third area of interest appears to le in athletics**. She seems to like physical activity and may be interested in learning about sports, nutrition, physical therapy, or sports medicine.

Valerie also has specific preferred instructional styles. Learning or instructional styles are the ways students like to learn and the strategies parents and teachers use to help them learn. Valerie has very clearly defined learning preferences. Her **preferred instructional style is through technology** that helps her to learn by using computer software, cd roms, videodiscs, and the internet. Her **second choice of learning style is learning games** that enable her to learn content by playing games or participating in activities with cards, board games, or even electronic games. These activities can be sempleted individually, in small groups of students, or in a whole class of students. Valerie **also enjoys simulations** that help her to learn content and skills through role-playing people or events. Valerie also tikes acting, or pretending to be a character, and may like to study history by participating in simulations. For example, she may want to role-play Thomas Jefferson in the signing of the Declaration of Independence or Eleanor Roosevelt during World War II.

Valerie also has a preferred product style. That is, she has certain kinds of products that she likes to complete. Her first product choice is dramatic. She enjoys participating in theatrical performances, such as acting and role playing. Her second choice of product style is musical. She enjoys listening, playing, and/or thinking about various forms of music. Valerie's third choice of product style is written, as she enjoys writing articles, stories, or other types of written products.

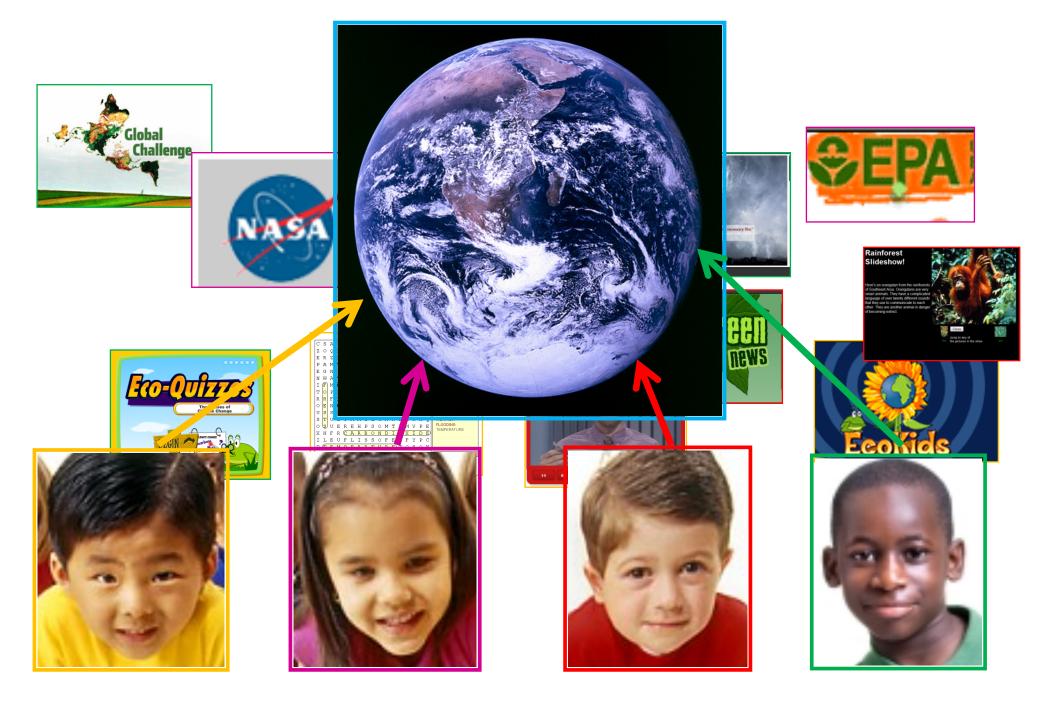
As Valerie has a chance to consider some of her choices and think about what she really enjoys doing, it is our hope that these opportunities will enable her to fully develop her interests through the variety of exploratory activities in the Renzulli Learning System database. When she takes a virtual field trip to a museum, interviews a favorite author on the web, or explores an historical site on-line, she will be learning to further explore her interests and learning styles. These kinds of exploratory activities can introduce Valerie to new ideas and experiences and let her explore many possible interests.

**Interests** 

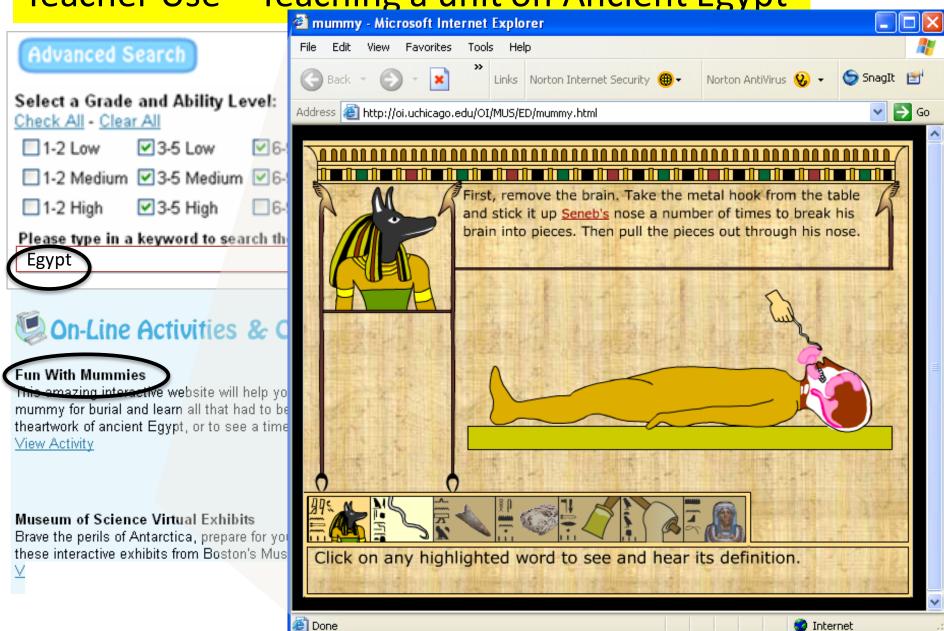
Learning Styles

**Expression Styles** 

Create a connection between your students and the curriculum.



Teacher Use – Teaching a unit on Ancient Egypt



#### Using Renzulli Learning To Differentiate -- The U.S. Constitution

#### Directions

Review the resources Renzu was our country's first constitu Government? 3) Describe the proceedings of the Constitutio must prevail in a society if the

#### Directions -

Review the resources Renzu was our country's first constitu Government? 3) Describe the proceedings of the Constitution must prevail in a society if the

#### Directions

Review the resources Ren was our country's first cons Government? 3) Describe t proceedings of the Constitu must prevail in a society if t

#### **Directions**

Review the resources Renzulli has selected for you, and ar was our country's first constitution called? 2) What are the r Government? 3) Describe the Fifth Amendment. 4) How mu proceedings of the Constitutional Convention? 5) What did E must prevail in a society if the people hoped to maintain a fre

#### Required Activities To Rev

Enrichment Activity Title Constitutional Knowledge Celebrate the Constitution Madison's Notes Are Missing

#### Required Activities To Rev

Enrichment Activity Title Constitutional Knowledge Celebrate the Constitution -Madison's Notes Are Missing

#### Required Activities To R

Enrichment Activity Title Constitutional Knowledge Celebrate the Constitution Madison's Notes Are Miss

#### Required Activities To Review:

Enrichment Activity Title	Er
Constitutional Knowledge	С
Celebrate the Constitution - The Game!	О
Madison's Notes Are Missing!	С

#### Activities Matched To Your

Enrichment Activity Title

Ben's Guide to the U.S. Gov A History of US: Revolution Our America

Constitution of the United St Benjamin Franklin: An Extra Creating the United States

The Scales of Justice This Nation

#### Activities Matched To Your

Enrichment Activity Title

Celebrate the Constitution -

Stand Up for Your Rights

Are You Smarter Than a Fift

The Patriot Papers Activities

Our America

Restore the Bill of Rights

Flashcard Exchange

#### Activities Matched To Yo

Enrichment Activity Title

America's Story

Our America

Smithsonian American Ar

The Benjamin Franklin Te

The Scales of Justice

State WebQuest

#### Activities Matched To Your Profile:

Enrichment Activity Title

A Revolutionary WebQuest

Ask a Civics Question

Jeffersonian Era

Understanding the Constitution

The New Nation

Constitutional Knowledge











# Type I Enrichment General Exploratory Experiences

Local Businessman Telling Children How He Started His Donut Shop







# Since 1987

#### Home

- What We Do >
- Our Impact >
- Our Locations >
  - Donate >
- Start a NFTE Program >
- NFTE Teacher Experience >

Volunteer

- About NFTE >
- News + Events >
  - Resources >

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Contact Us

TEAMS Log In (trained users only)

Students & Alumni

**Buy Curriculum & Materials** 



alumni.nfte.com

#### NFTE's mission is to provide

entrepreneurship education programs to young people from low-income communities.

Our vision is that every young person

will find a pathway to prosperity.

#### SUPPORT US

#### Help NFTE

Empower young people to change their lives.

You can help!

Donate now....

#### SPOTLIGHT ON...

#### NFTE School Profile: The Cultural Academy for the Arts and Sciences



View NFTE Videos

# Pre-order the 11th edition NFTE textbook today

#### LATEST NEWS

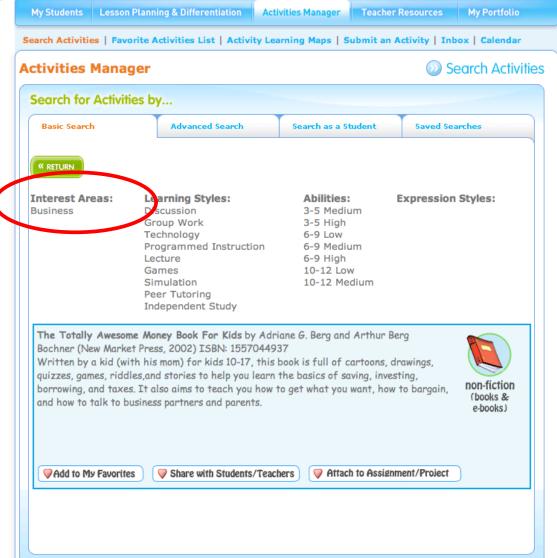
OppenheimerFunds/NFTE National Youth Entrepreneurship Challenge 2009

NFTE Meets Arne Duncan at Aspen Ideas Festival

An inspiring story about the power of youth entrepreneurship education

NFTE Founder Co-Authors World Economic Forum Report on Entrepreneurship

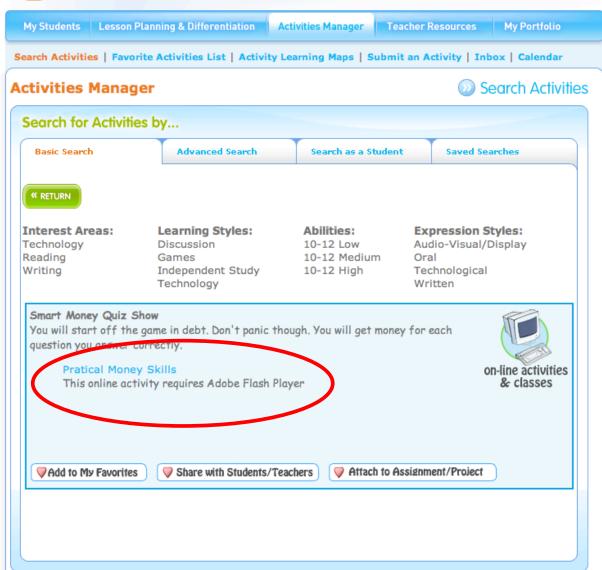






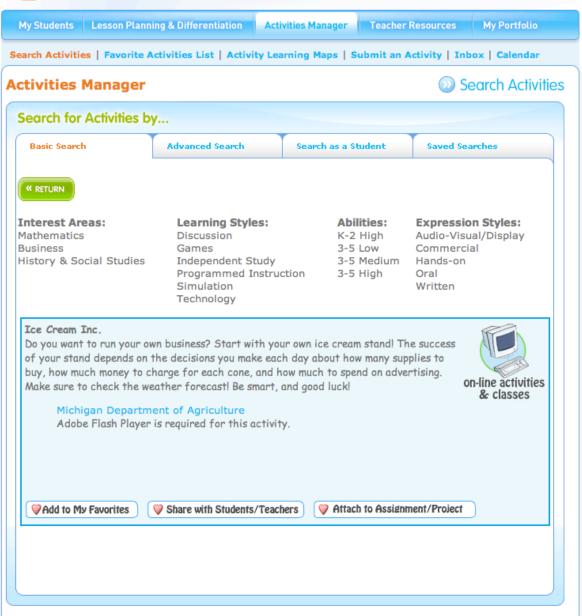
Home Student Site Manager Site Registration Contact Logout Help

#### **Teachers**

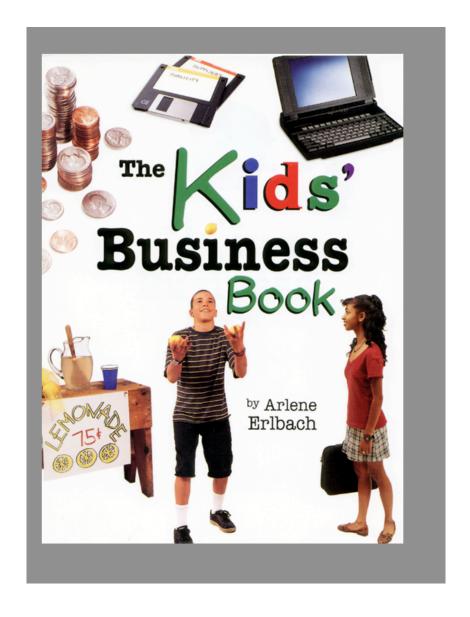


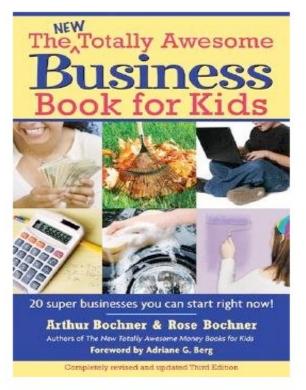


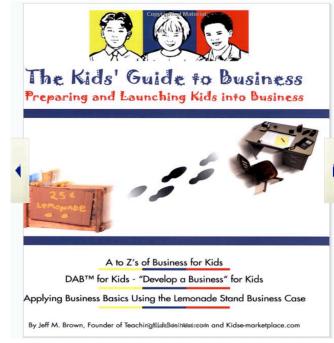
#### **Teachers**



# From the How-To Books Data Base at www.renzullilearning.com

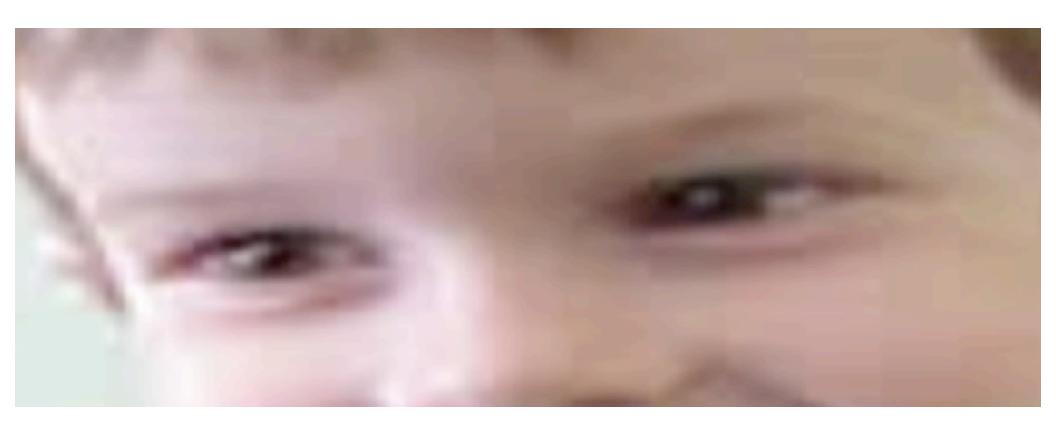








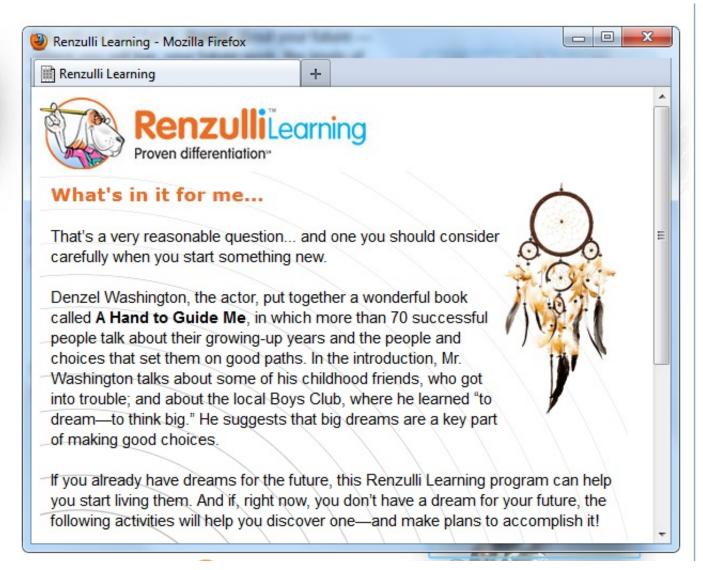




# "The Eyes Test"

My Interests My Heroes and Helpers My Careers Home My Goals My Plans My Projects Welcome, Marty! It is natural and fun to dream about your future where you will live, your future work, the kinds of friends you will have in the future, and how you will spend your time. Dreams are important to everyone, but it takes work and plans to make them come true-and it is never too soon to start! Right now—TODAY—you can begin setting goals and making plans that will help you fulfill your dreams. It starts by creating your own: Personal Success Plan (PSP) Please click below to see how each step can help you plan for a fantastic future! My Interests · My Heroes and Helpers My Careers My Goals My Plans My Projects





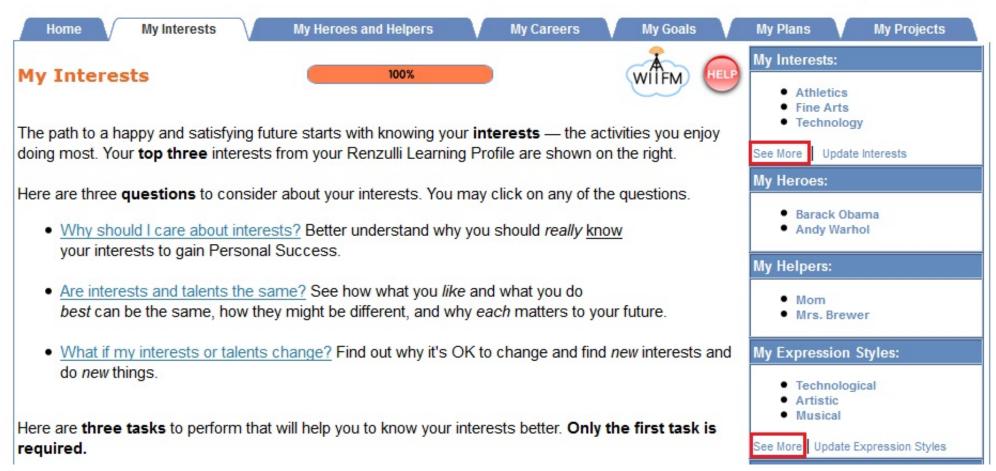


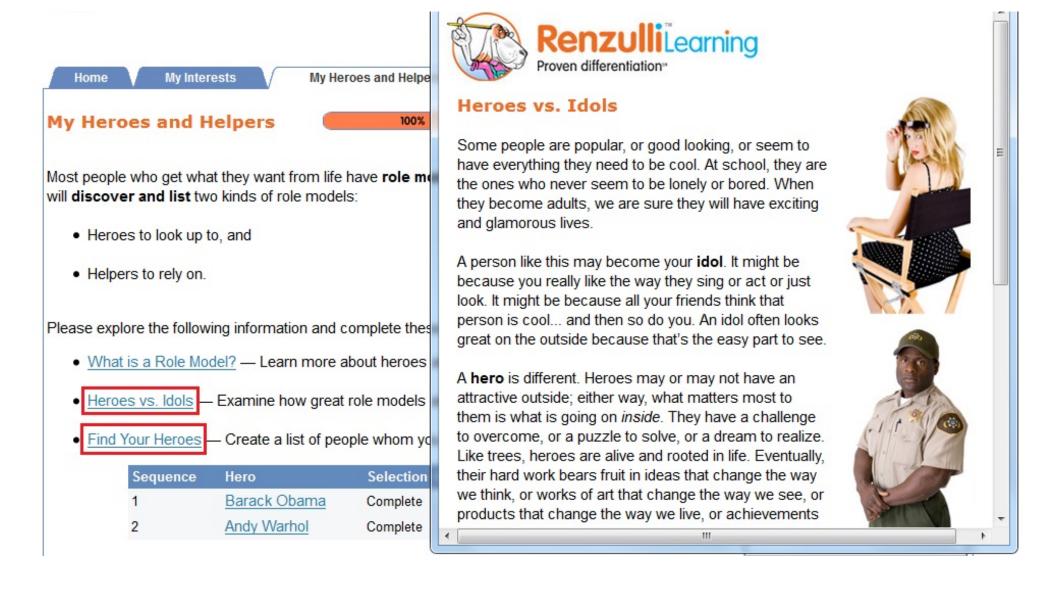
# My Personal Success Plan

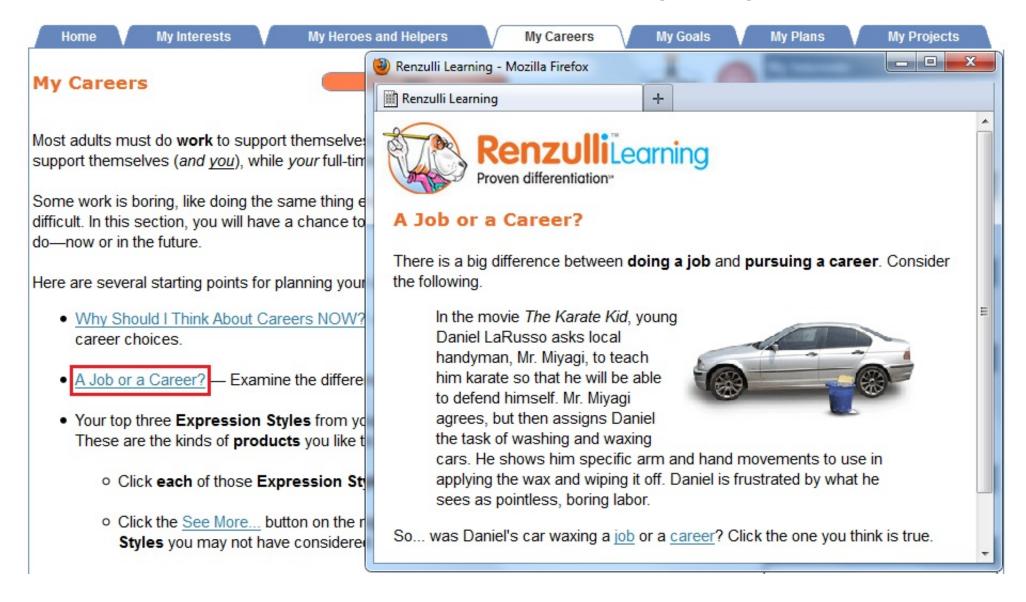
Prepared by: Marty Graw

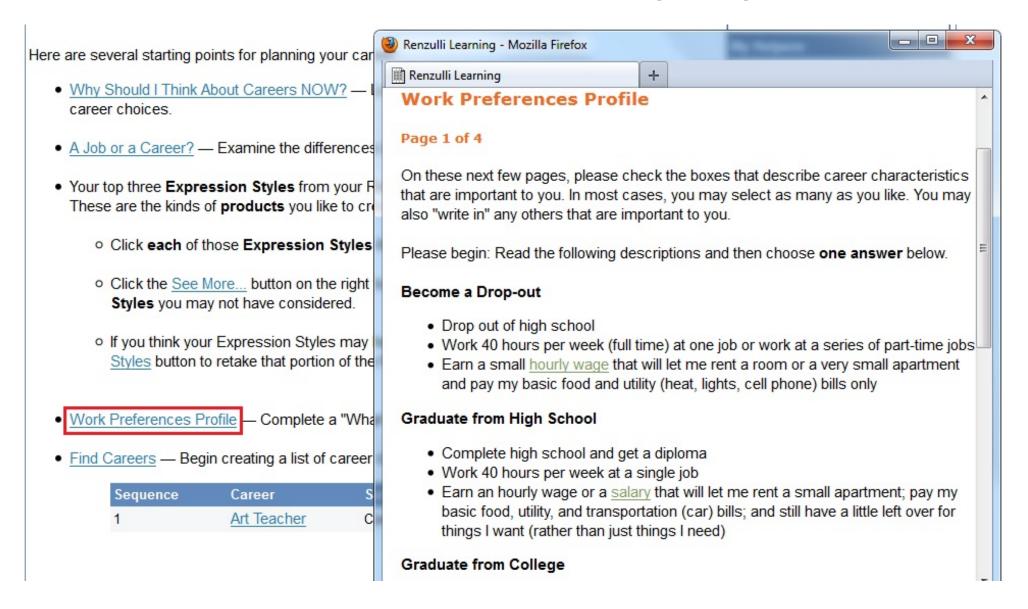
Home | My Portfolio | PSP Home | Feedback | Loqout

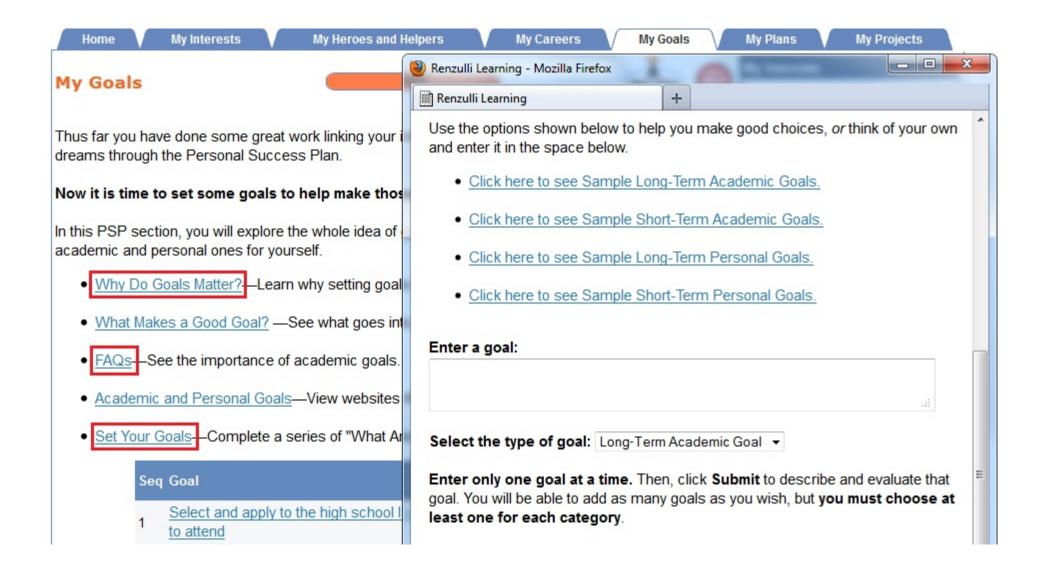


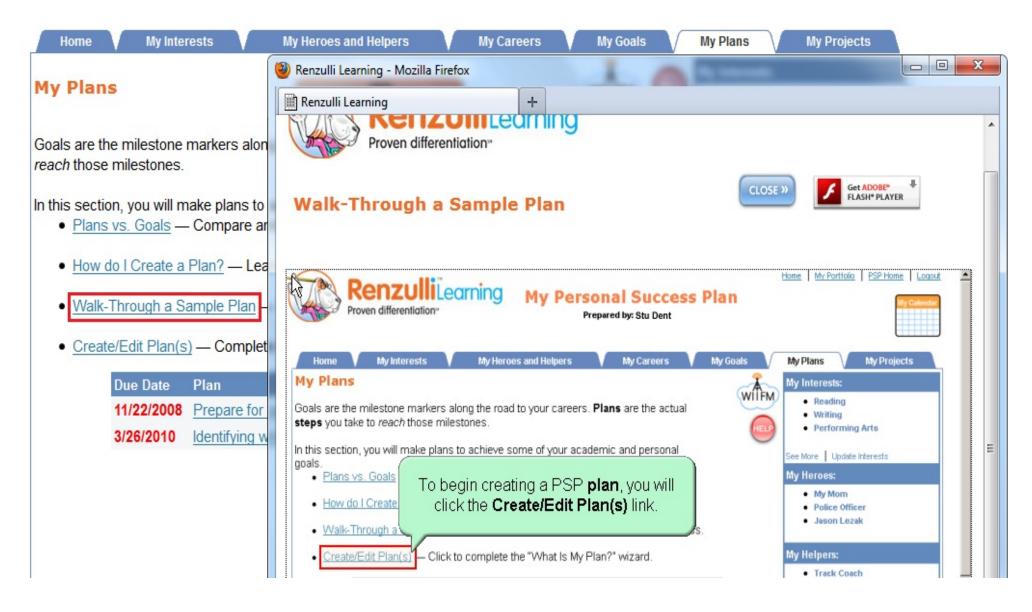


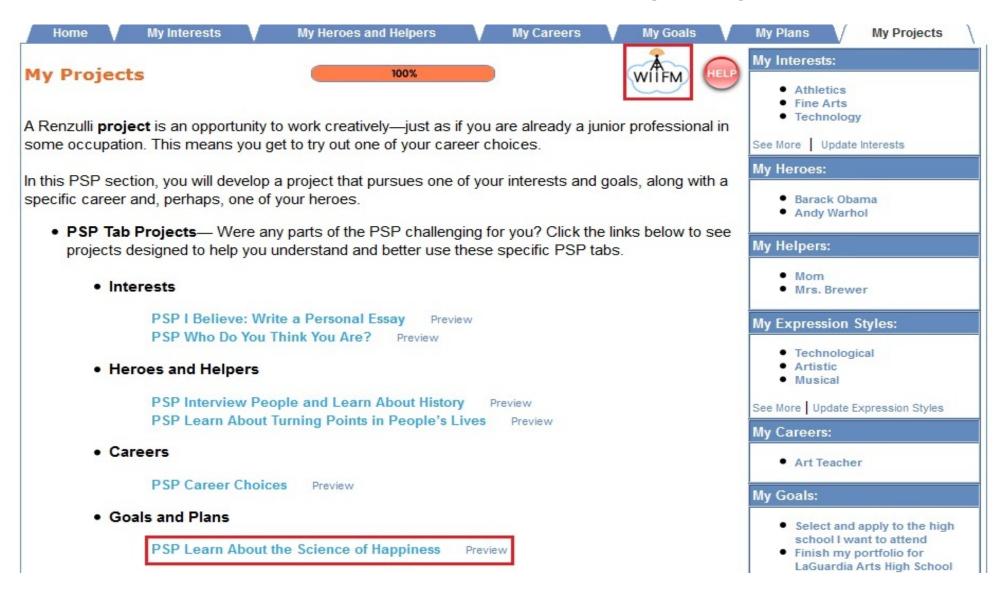


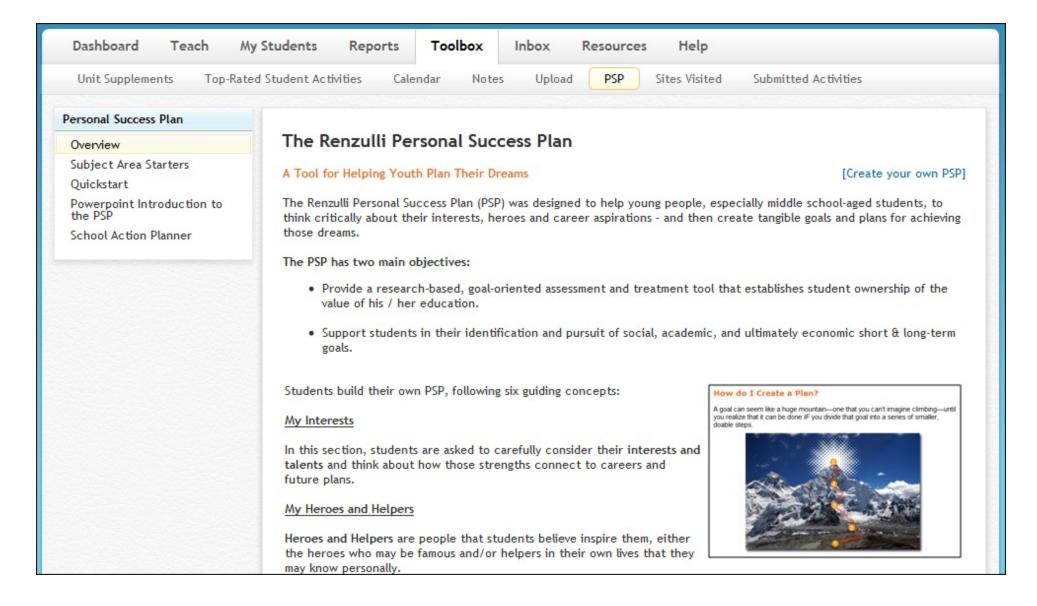










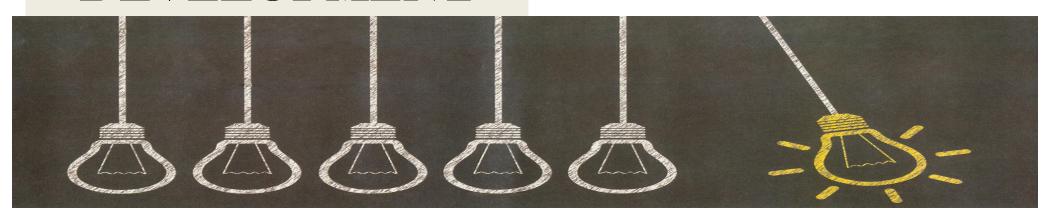


## 12 Conclusion



Happy talk, keep talking happy talk,
Talk about things you'd like to do,
You gotta have a dream, if
you don't ho
Dream, How
Gonna have
Dream Come

40 YEARS OF RESEARCH AND DEVELOPMENT



true?

#### Summary - The Why Question

Without change in the ways we educate young people there will be no innovation, creativity, or incentive for economic and social improvement. Those who initiate change will have a better opportunity to manage the change that is inevitable in the most productive countries in the world.



William Pollard Nobel Prize Physicist

It is not the strongest of nations that survives, nor the most intelligent, but the ones most responsive to change.

Charles Darwin



# Why should we apply at least some of the pedagogy of gifted education to all students?

"What parents with the means and ability want and do for their children is what we, as a society, should demand for all children."



I don't cause teachers trouble, my grades have been okay.

I listen in my classes, and I'm in school every day.

My teachers think I'm average; my parent's think so too.

I wish I didn't know that 'cause there's lots I'd like to do.

I'd like to build a rocket.

I have a book that tells you how, or start a stamp collection.

Well, no use in trying now.

Cause since I found I'm average, I'm just smart enough you see, to know there's nothing special that I should expect of me. I am part of the majority, the hump part of the bell, who spends his life unnoticed in an average kind of hell.

#### **Summary - The How Question**

A: Use the concept or ORE.

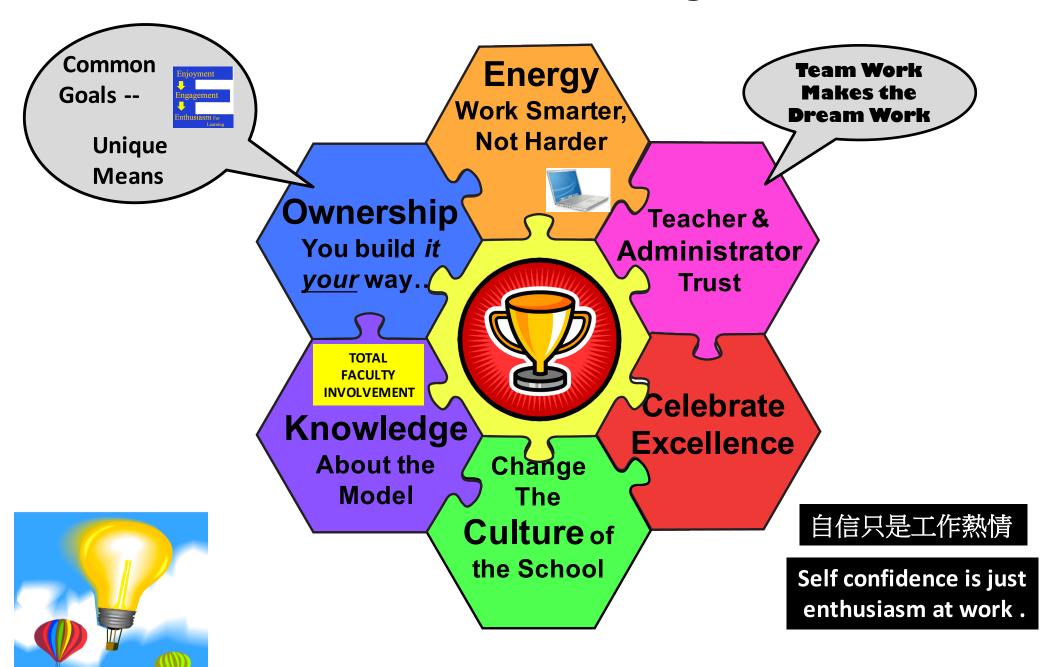
# Opportunities

Resources

**E**ncouragement

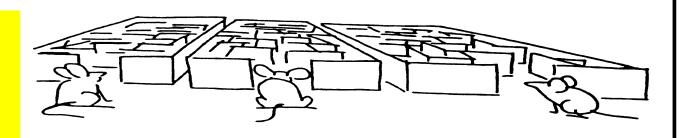
Always in the area of the student's **Interest** 

#### What Makes for an Outstanding SEM School?



#### How to make your dream into a reality...

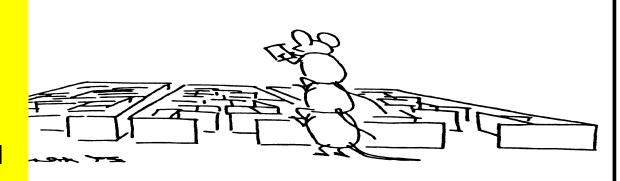
Study The
Problems
And
Opportunities



Work
Together
And
Dream Big

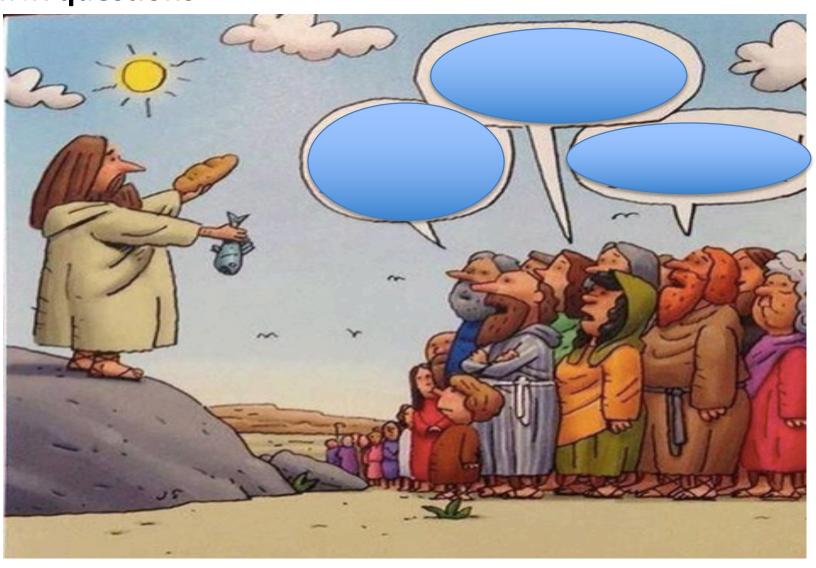


Develop A
Plan To
Implement
Your Own
Schoolwide
Enrichment Model



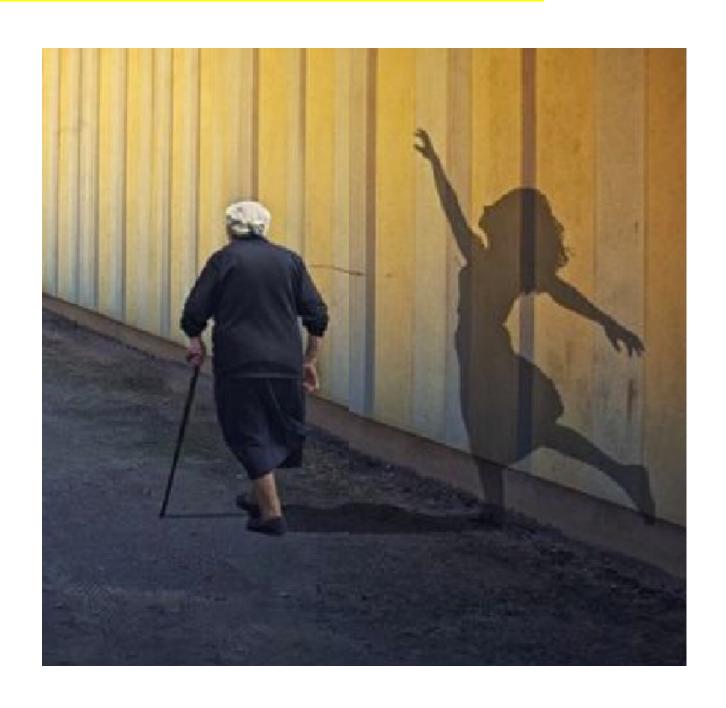
### **Summary - The How Question**

There will always be critics... Be prepared for MNR questions





# Never Give Up On Your Dreams...





Poster at the
Renzulli Academy
In Hartford,
Connecticut

