#### A Dozen Teaching Assistants in Your Classroom

An Introduction to Renzulli Learning

#### Renzulli Learning

• Enables students to better understand their interests, learning styles, product preferences through an on-line analysis and an opportunity to pursue joyful interests in thousands of follow-up enrichment activities.



#### Sample Mission Statement



The mission of the Smallville school district is to provide students with a comprehensive education that addresses students' unique needs and strengths to help them reach their potential.

#### **Three Broad Themes**

- The academic needs and interest of many students are not being met in many classrooms.
- When students' academic needs and interests are not met in school, they can and do become underachievers.
- Enrichment and interest-based activities can make a profound difference in the lives of students.

Our new idea is based on this dream!

#### **Theme One:**

# Why Aren't More High Potential Students Challenged in their Classrooms?

#### What is Differentiation?

Matching appropriately challenging curriculum and instruction with a student's abilities, interests, and learning styles through a variety of instructional strategies and challenging curriculum.



ONE SIZE DOES NOT FIT ALL

**But.....** 

- Is it happening?
- Even with good teachers?
- Or is it just too hard to do well and consistently?

#### **Classroom Practices Study:**

Teachers reported that they *never* had any training in meeting the needs of gifted students.

61% public school teachers54% private school teachers

Archambault, F. X., Jr., Westberg, K. L., Brown, S. W., Hallmark, B. W., Emmons, C. L., & Zhang, W. (1993). *Regular classroom practices with gifted students: Results of a national survey of classroom teachers* (Research Monograph 93102). Storrs, CT: The National Research Center on the Gifted and Talented, University of Connecticut.

#### **Classroom Practices Study**

Teachers made, occasionally, only minor modifications to meet the needs of talented students in their classrooms.

Archambault, F. X., Jr., Westberg, K. L., Brown, S. W., Hallmark, B. W., Emmons, C. L., & Zhang, W. (1993). *Regular classroom practices with gifted students: Results of a national survey of classroom teachers* (Research Monograph 93102). Storrs, CT: The National Research Center on the Gifted and Talented, University of Connecticut.

# **Classroom Practices Observational Study**

Students experienced no instructional or curricular differentiation in 84% of the activities in which they participated:

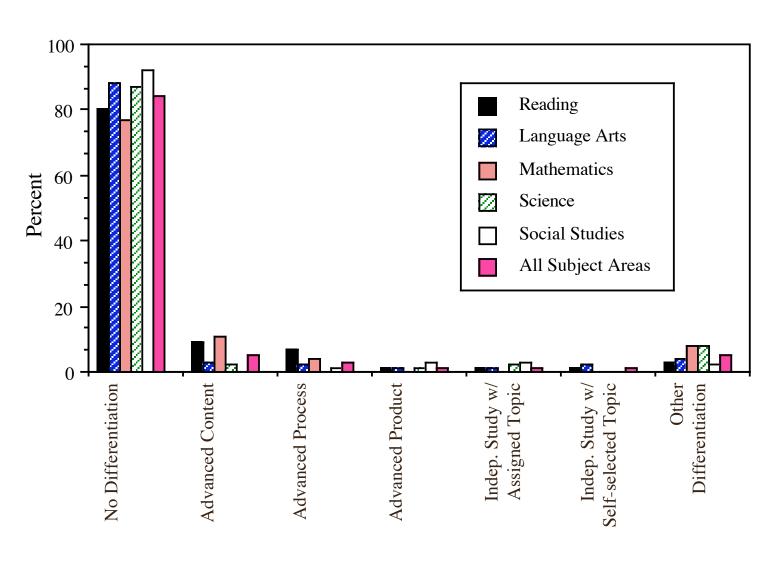
Reading Language Arts

Mathematics Social Studies

Science

Westberg, K. L., Archambault, F. X., Jr., Dobyns, S. M., & Salvin, T. J. (1993). An observational study of instructional and curricular practices used with gifted and talented students in regular classroom. Storrs, CT: The National Research Center on the Gifted and Talented, University of Connecticut.

### Types of Differentiation in Which Target Gifted Students Were Involved



# Why Not Let High Ability Students Start School in January?

# The Curriculum Compacting Study

Approximately 40-50% of traditional classroom content could be eliminated for students who had their curriculum compacted.

#### **Compacting Study**

When teachers eliminated as much as 50% of the curriculum, no differences in achievement scores were found between students whose curriculum was compacted and those who did every page of work.



Case Studies of Talented.
Readers in.
Third and.
Seventh Grade
Classrooms



Similar findings to previous NRC/GT research on Classroom **Practices, Classroom Observations and Curriculum Compacting:** Teachers knew what to do....they just could not find the time, the support, or the materials to do it well and often.

#### The idea came to me when....

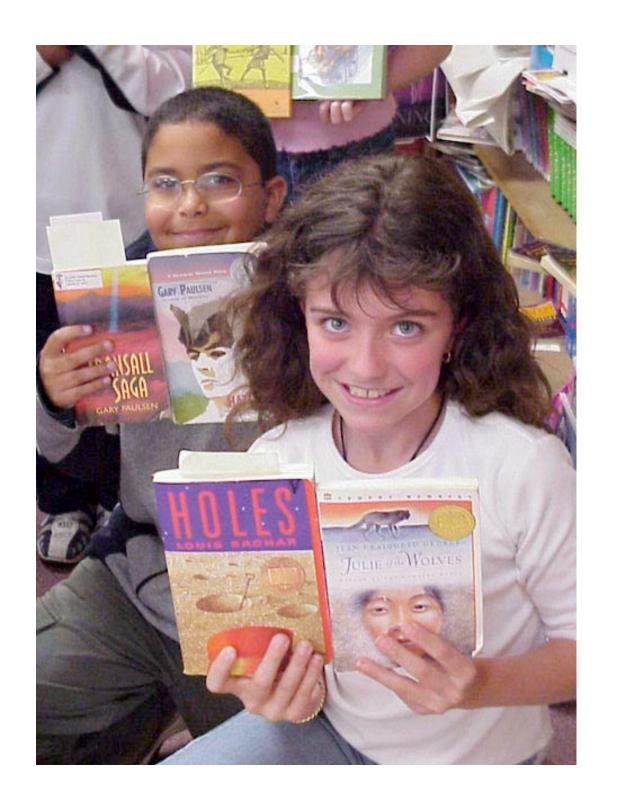
• There were talented readers in every third grade classroom. In one urban school, after 10 days of observations, talented readers had received no instruction of any kind. One of the most academically talented girls was surfing web sites about rock stars and reading about celebrities on several occasions!

#### Their teacher explained:

I try to get to them at least once a week, but I am not always able to do that. You see, so many of my other students read below grade level that it is hard to justify not working with them. Many of these lower readers will be retained in this grade if they do not improve. The top group already reads at grade level so I rarely get to them. In most classes, according to the research conducted by researchers at the National Research Center, differentiation is not being accomplished regularly for high potential students.

#### It is challenging!

Some outstanding teachers can differentiate, but all teachers need support, training and coaching. They also need access to advanced materials, help with teaching strategies, and support and encouragement from district leadership.



#### The idea!!!!!

Instead of surfing the web for rock stars, couldn't we have find and bookmark hundreds of high quality sites for these students to explore? During the time that the teacher was working with others, couldn't we help that teacher (and others) have access to outstanding enrichment and differentiation?

#### **Theme Two:**

Our research at the NRC G/T shows that when gifted and high potential students' needs are not met in school, they can and do become underachievers.

# NRC G/T Research Conducted on Underachievement

- Study of academically talented students in a urban high school
- Half were underachieving!

Sally M. Reis Thomas P. Hébert

# Lack of Work Habits and Self-Regulation

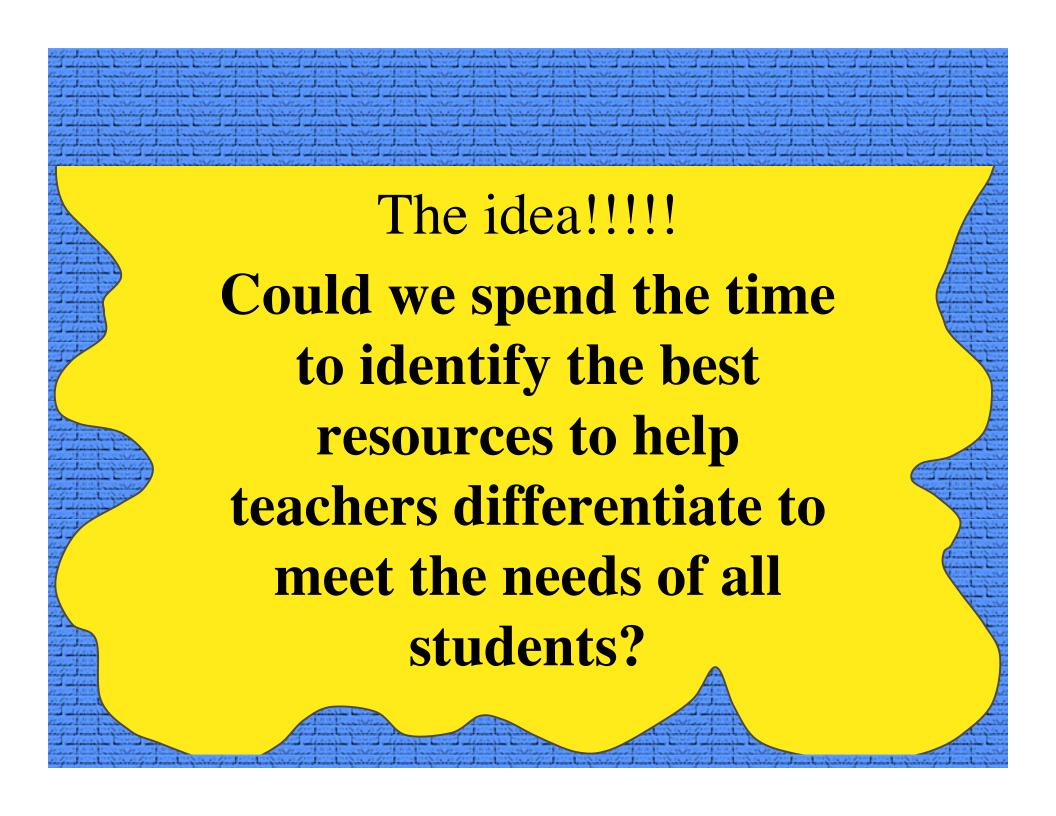
## All of the underachieving students echoed the same phrase:

"I never learned how to work!"

"Elementary school and middle school were so easy for me!"

"I coasted through elementary and middle school and then fell apart in the advanced classes in my high school."





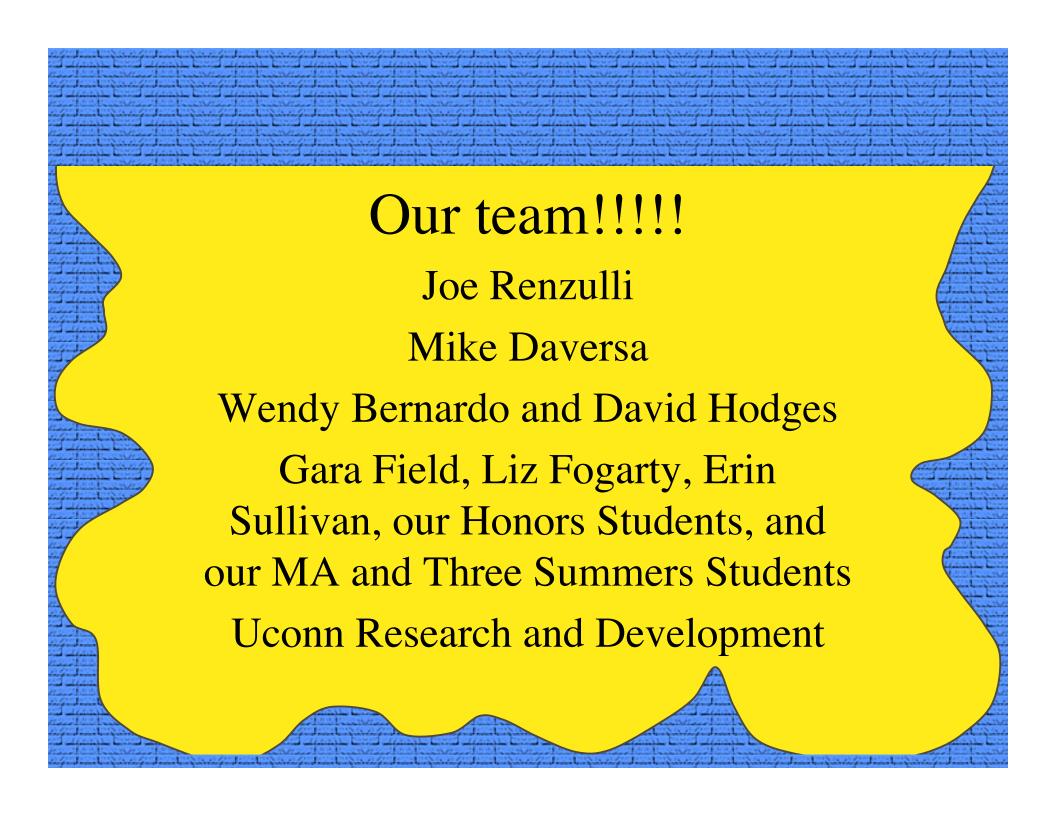
#### **Theme Three:**

The Dream..

To bring enriched and differentiated learning experiences to every child...in classrooms, in school, and at home, using the philosophy of SEM and Triad!

# Our team created... <a href="http://renzullilearning.com">http://renzullilearning.com</a>

A research-based enrichment learning system that uses a computer generated assessment of student strengths (Renzulli Profiler) and a search engine (Magellan) that selects high interest materials from a carefully screened "storehouse" of activities and resources.



# What is Renzulli Learning? <a href="http://renzullilearning.com/">http://renzullilearning.com/</a>



Renzulli Learning matches students' interests and learning styles to hundreds of enriched, challenging opportunities on-line. All of the activities and options in the Renzulli Learning System are based on The Enrichment Triad Model, which has been cited as the most widely used plan for enrichment and talent development in the world.

### Renzulli

A University of Connecticut Research & Development Corporation Company

IOME WHO WE ARE

**ENRICHMENT & DIFFERENTIATION ACTIVITIES** 

TOUR |

NEWS FAQs

HELP



#### Welcome to Renzulli Learning

The Renzulli Learning System is an exciting new on-line program that matches students' interests and learning styles to many different opportunities designed to provide enriched, challenging learning. All of the activities and options in the Renzulli Learning System are based on The Enrichment Triad Model, which has been cited as the most widely used plan for enrichment and talent development in the world.

In the Renzulli Learning System, the Renzulli Profiler generates an individual Talent Development Profile (TDP) for each student. Click <a href="here">here</a> to read a sample profile. Then an individualized Enrichment Differentiation collection of Internet and downloadable resources are made available that matches student interests, learning styles, and preferred modes of expression.

If you would like to arrange for a product trial or receive a proposal for your district or school, please call 877-429-1955 or email <a href="mailto:schoolsales@renzullilearning.com">schoolsales@renzullilearning.com</a> for more information.

#### Free Trial for Confratute



	Renzulli	
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E		
	- Santana	



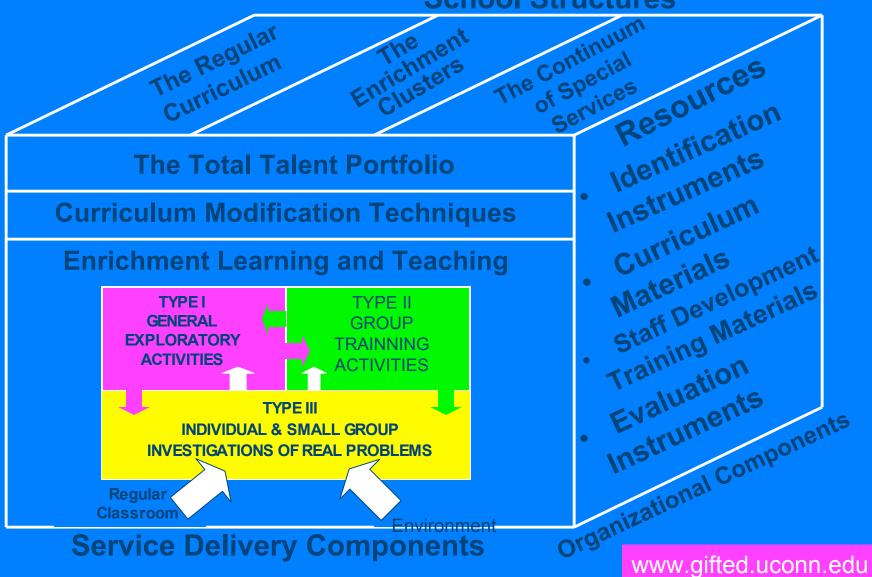


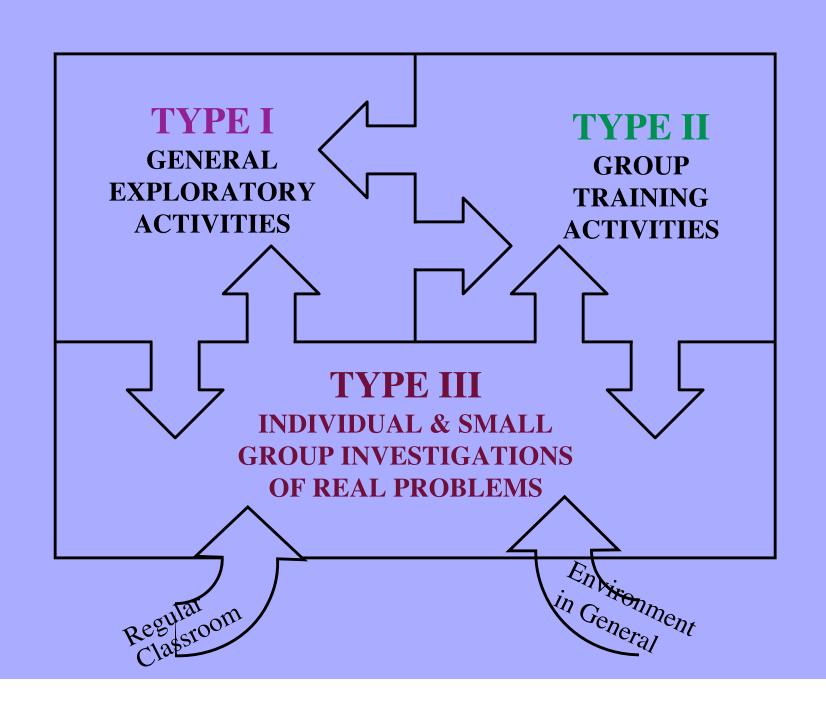
#### T he Scho

#### he Schoolwide Enrichment Model

Joseph S. Renzulli & Sally M. Reis

#### **School Structures**





#### **Benefits**

- Research based, but practical and easy to use
- Focuses on strengths rather than deficiencies
- Computer generated Renzulli Profiler



## **Benefits**

- Automatic selection from thousands of interestbased activities and resources (Magellan)
- Saves hundreds/thousands of hours of valuable teacher time
- Down-loadable research projects, independent studies, creative and critical thinking skills activities



## What does Renzulli Learning Provide?

Student Site with a Renzulli Profiler, Enrichment Data-Base, and Portfolio

Teacher Site with Student Information, Articles, Learning Maps, Directions, and Helpful Links

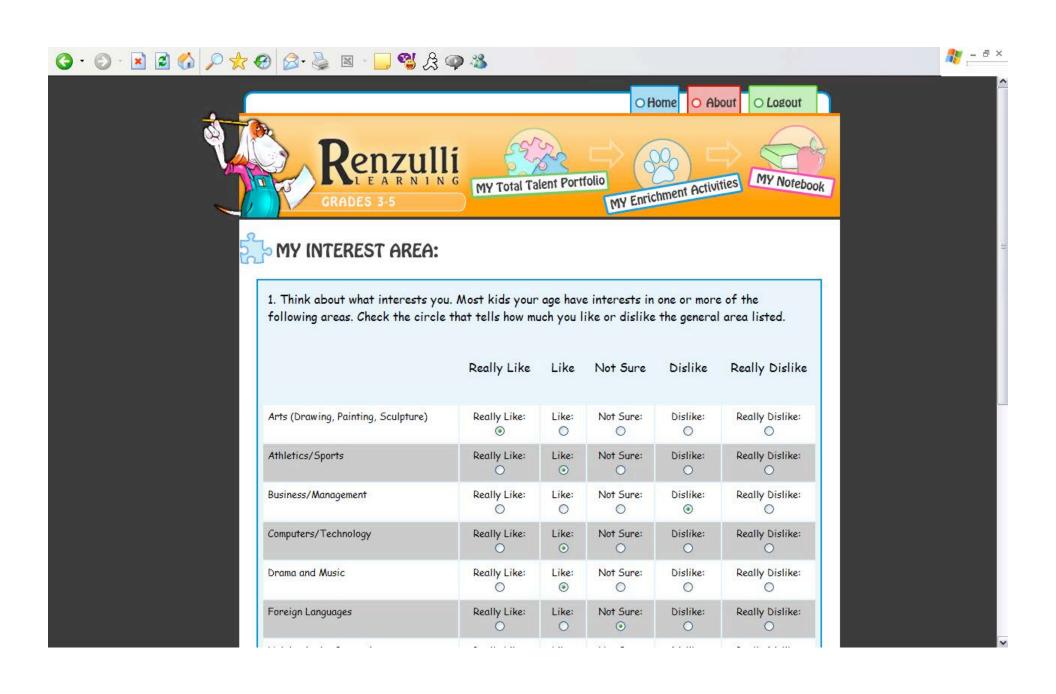
Parent Site with Pertinent Information about their Children and Helpful Links

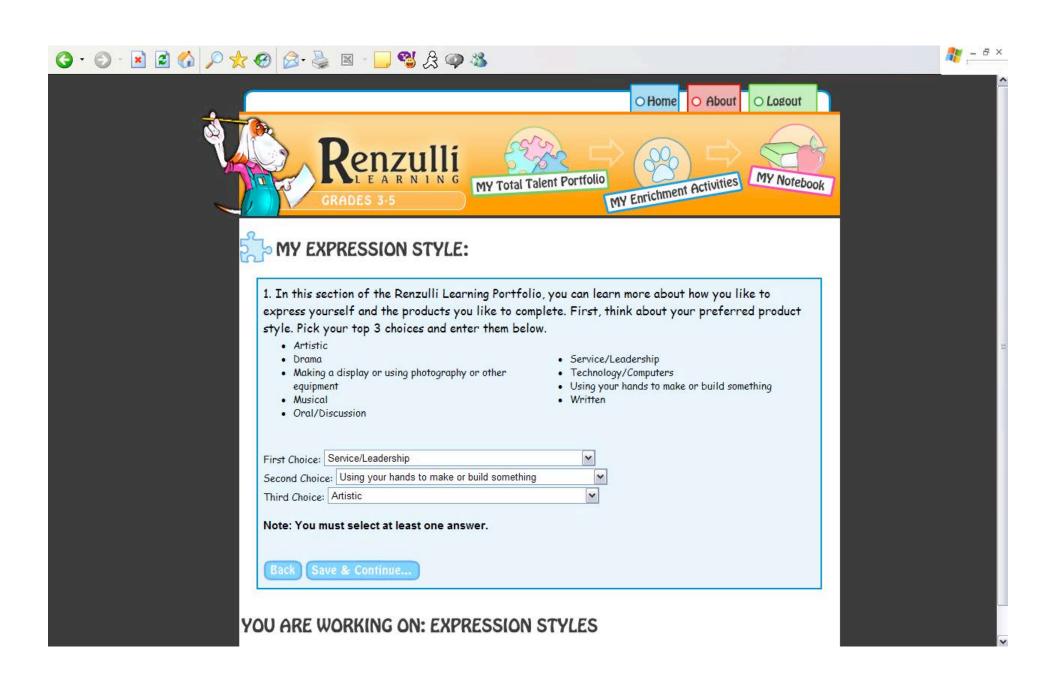
## Renzulli Learning:Student Benefits

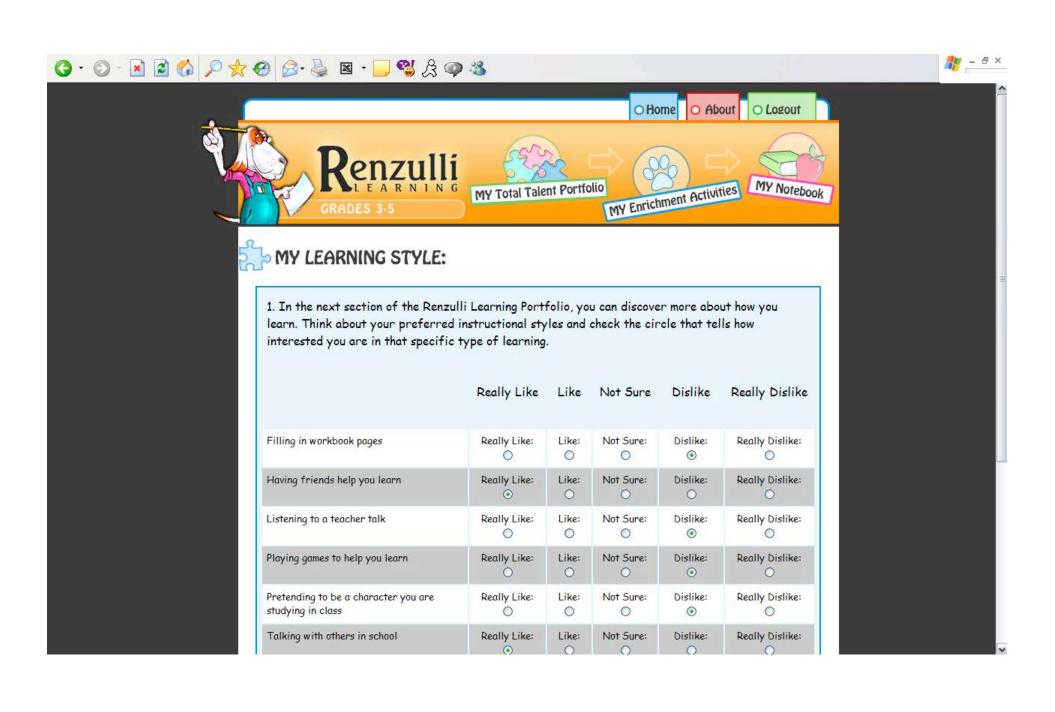
Enables students to better understand their interests, learning styles, and product preferences with an on-line analysis, followed by the opportunity to pursue joyful interests in thousands of follow-up enrichment activities.

## **The Total Talent Portfolio**

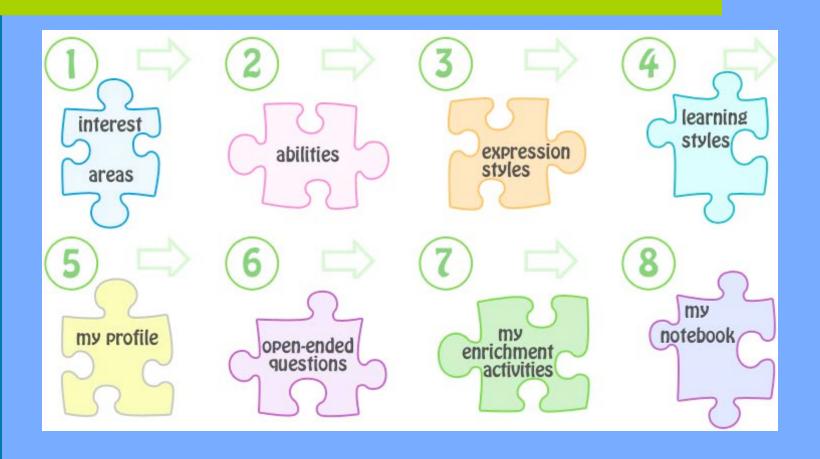








## After 20-30 minutes of responding to questions, each student receives an individualized profile.









### MY ENRICHMENT ACTIVITIES:

Here are some enrichment activities that might interest you. Click any of the icons below to view the activities:

Check this box to view only your favorites!











critical thinking 73 Activities



projects & independent study 79 Activities



contests & competitions



websites

81 Activities 20 Activities



books (fiction) 133 Activities



129 Activities

books (non-fiction) 46 Activities



books (how-to) 72 Activities



summer programs 46 Activities



on-line classes & activities 29 Activities





research sites





videos & dvd's 13 Activities

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## Renzulli Learning--currently over 6000 enrichment activities.





#### Links

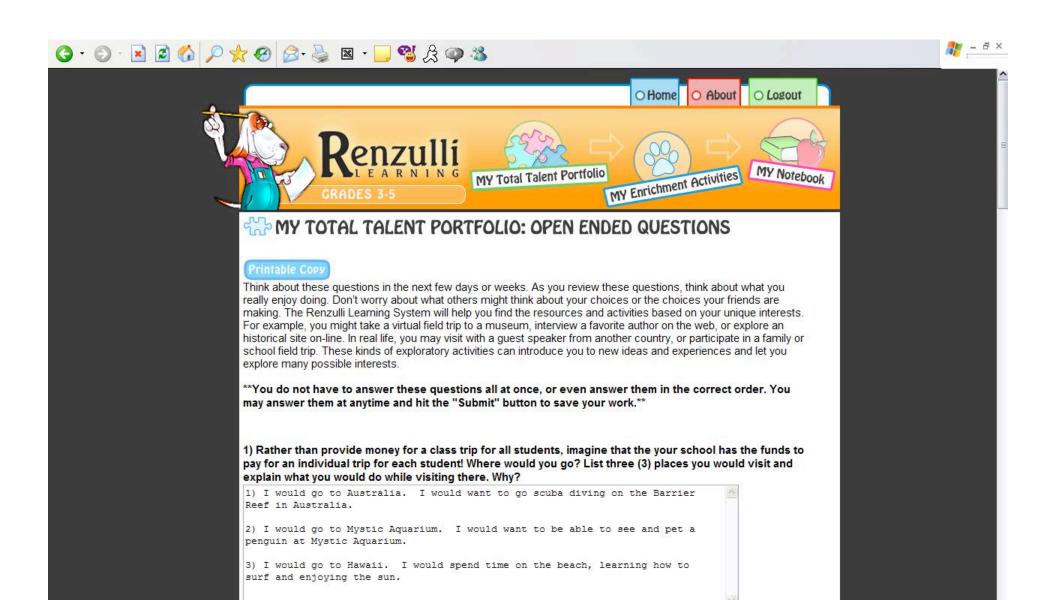
- Home
- New User
- FAQ's
- Help
- <u>Visitors</u>
- Student Site
- Teacher Site
- Parent Site
- Manager Site

## Welcome to Renzulli Learning Systems Student Site!

If you are already registered, please enter your username and password below and hit the "Go" button to login.

If you are here for the first time and want to register, please click here.

User Name:	liza renzulli
password:	Go
!	Forget Your Password?







MY NOTEBOOK HOME

ASSESSMENT OF MY WORK

MY FAVORITE ACTIVITIES

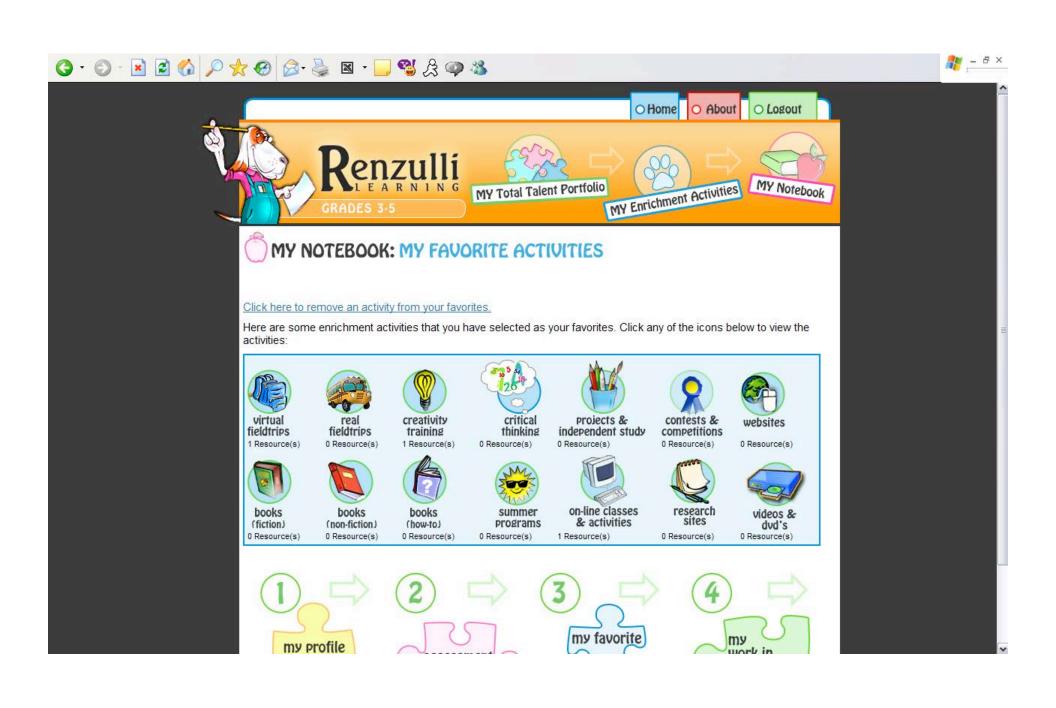
MY WORK IN PROGRESS



#### Select an option below:









#### Glossary

#### A|B|C|D|E|F|G|H|I|J|K|L|M|N|O|P|Q|R|S|T|U|V|W|X|Y|Z|

If you click on one of the letters above and it does not do anything, it means there is no glossary item that starts with that letter.



#### Abilities

Understanding your abilities can help you in your journey to know more about yourself. For example, if you have talents in writing, you can learn how you can better use written or oral language to develop your special gifts. Remember, your abilities can be developed!

#### Artistic

This is an expression style. You may like to draw or like to choose colors and pay attention to design or texture or the way things look or feel.

#### Athletics/Sports

This is an interest area. You may like physical activity, or are interested in learning about sports figures, diet, nutrition, physical therapy, or sports medicine.

## No Child Left... Bored!



## Virtual Field Trips

## Hundreds of specialized suggestions!

Take a tour through the National Museum of Natural History and explore every exhibit in the museum! Just click on the floor and then the exhibit you wish to visit!

Virtual Tour of the National Museum of Natural History http://www.mnh.si.edu/museum/virtualtour/index.html

## Virtual Field Trips Raise Test Scores

A scientifically designed research study returned evidence that web use, carefully designed and integrated into the curriculum, can raise student achievement. Students at two Maryland middle schools who participated in three online field trips scored higher on a national standardized reading comprehension test than those who used traditional learning methods alone.

Source: U.S. Newswire

http://news.techlearning.com/cgibin4/DM/y/envL0FKoBI0E2V0DPJk0E3

#### Kids' Castle

#### http://kotn.ntu.ac.uk/castle/castl\_fm.html

Explore the nooks and crannies of a castle, learn about each part of a castle. was used for, write a diary entry of what it might have been like to live in a castle, cook a medieval meal, design a coat of arms, listen to medieval music, and more.

#### • Eric Carle Museum of Picture Book Art:

http://www.picturebookart.org/visit/tour.asp Journey to the Eric Carle Museum of Picture Book Art to see galleries of picture book art by Eric Carle and others.

## Famous Bridges Of The World

http://www.civl.port.ac.uk/comp\_prog/bridges1/
Looking for a compiled list of some of the biggest and best bridges in the world.Click here to see a picture and learn important facts.

• National Geographic: The Lewis and Clark Journey

<a href="http://www.nationalgeographic.com/lewisandclark/journey\_intro.html">http://www.nationalgeographic.com/lewisandclark/journey\_intro.html</a>

Join Lewis and Clark on their journey that Thomas Jefferson sent them on!

Follow their path and learn about what happened along the way!

## Creativity Training Activities

# Hundreds of specialized suggestions! Down-load-able activities for teachers to use in their classrooms!

http://www.exploratorium.edu/music/index.html

Science of Music

Why do some songs get stuck in your head? Do you sing better in the shower? Enjoy many interesting activities and games about music. Be sure to check out the dot mixer!!

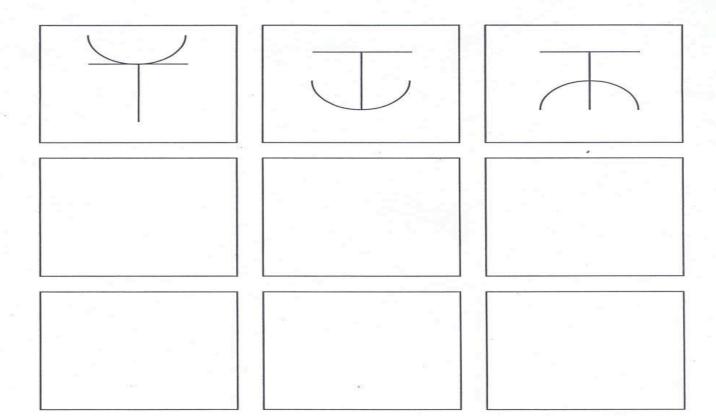
http://www.myweb3000.com/tangramgame.html

**Tangrams** 

Print out these tangram shapes and then try to make the different pictures shown below, using the hints provided if you need help.

4 Fun with Figures (a)

See how many diefent ways you can combine the above two figures to produce a new figure.three examples should help you think of other combinations. Use the back of the page if you need more space.



## **On-Line Activities**

## Hundreds of specialized suggestions!

## **Guiding the Time Traveler**

You're walking home after a long day and run into Leonardo da Vinci emerging from a time machine. He wants to bring back information so he can build an invention! How can you help him?

## www.secretsoftheice.org/index.html

Students who are interested in art can have outstanding artistic enrichment by visiting the following site where they can explore the history of art, art careers, and learn about art techniques by watching short video clips. They can even upload some of their own art and create a movie featuring their art.

## Affective Considerations: Encouraging Children to Use their Talents to Make a Difference

### Peace Corps Kids World

Check out Kids World, brought to you by the Peace Corps. Join their pal, Traveler, as she explores the globe and learns about making a difference. Come on in to the home of adventure and service - Peace Corps Kids World!

### http://whale.wheelock.edu/whalenet-stuff/stop\_cover.html#tags

At this site, if you are interested in animals, you can follow the movements of animals like the white-sided dolphin who was tagged in collaboration with the New England Aquarium and the Cape Cod Stranding Network that was on April 17, 2005.

## Plimoth Plantation - Online Learning Center

Find out firsthand about the first
Thanksgiving. Learn about how historians
decide what is fact and fiction using primary
sources. Share what you have learned online
for everyone to see.

## Within These Walls

Historians use clues to understand the past. Use the clues in this house to learn about its history just like the professionals do!

# Enrichment Activities: Type III Projects

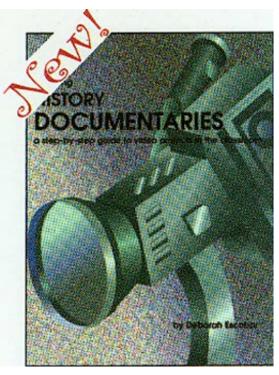
 Hundreds to choose from: 75 of our favorites: bridges, comics, castles, biographies, animals, culture, journalism, science...

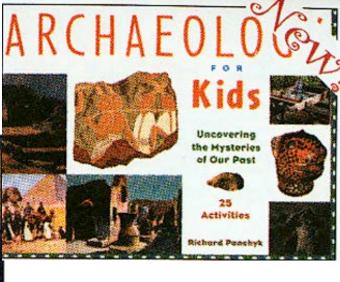


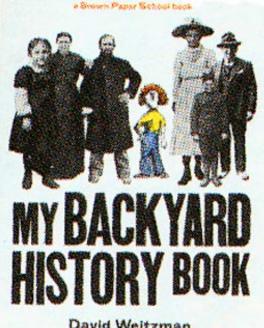
# **O**pportunities Resources **E**ncouragement

## How-To Books Fiction books Non-Fiction Books

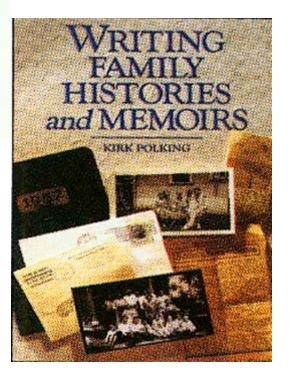
**Hundreds of specialized suggestions!** 

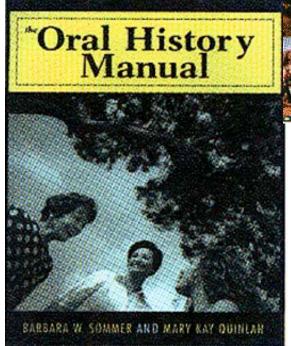


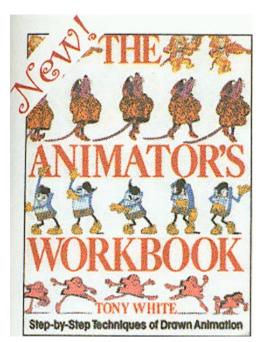




David Weitzman

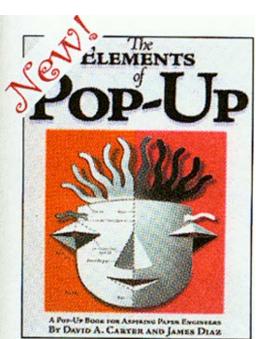


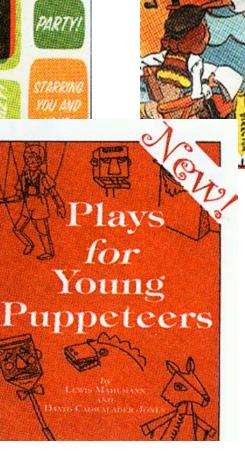


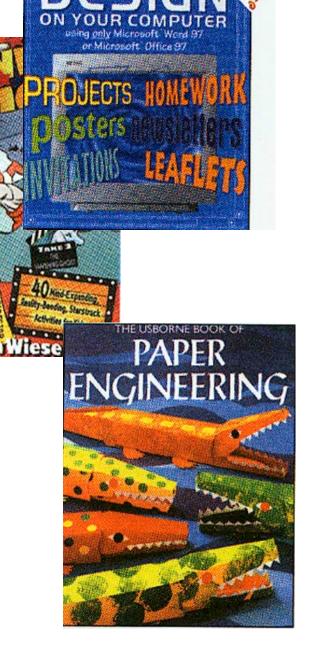




Pagnet Sc po







## Critical Thinking Activities

### More specialized suggestions!

### **Ancient Egypt Discovery Case**

Explore Ancient Egypt through an interactive discovery case full of materials that will spark your interest. Take a look at the interactive timeline, write your name in Egyptian Hieroglyphs, look at a map of Ancient Egypt, learn about the pyramids, burial customs, Gods and Goddesses, and much more. There are exciting explorations in this site. Don't miss it!

### http://www.dnr.state.wi.us/org/caer/ce/eek/nature/track.htm

For students who are interested in nature, another site provides opportunities for studying animal tracks and learning more about how to track certain types of species. An on-line activity at this site presents a mystery that students are asked to solve about where someone was going and what they were doing when they were going there. Students are taught to carefully examine animal tracks to learn more about them.

# Hundreds of Contests and Competitions

- Based on students' interests
- •Using authentic methods of research and inquiry
- •WRITING, MATH, SCIENCE, HISTORY, TECHNOLOGY,
- DEBATE, AND THE LIST GOES ON.....

#### **NSTA Young Inventors**

The 2005 Young Inventors Awards Program is open to all students in grades 2-8 in the United States.

Students must work to conceive and design their tool inventions.



### More specialized suggestions!

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http://www.dnr.state.wi.us/org/caer/ce/eek/nature/track.htm

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Students are taught to examine animal Authoristy of Connecticut Research & Development Corporation Company tracks to learn more about them.



## Field Tests in Several Settings!

 When asked how much they enjoyed using Renzulli Learning, students in our field test site replied:

Completely: 71%

Very Much: 29%

Somewhat: 0%

Not At All: 0%



Did you think that your profile described you well?

Yes: 93%

Maybe: 7%

No: 0%

Did you try to view at least some of the choices in each of the 14 different categories of enrichment?

Yes: 89% No: 11%

Did you have a favorite category of enrichment activity?

Yes: 100%

No: 0%



## Field Tests in Several Settings!

**Favorite Enrichment Activities!** 

**Online Classes and Activities: 32%** 

**Virtual Field Trips: 21%** 

**Creativity Training: 17%** 

**Critical Thinking: 7%** 

**Projects & Independent Study: 7%** 

**Real Field Trips: 4%** 

**Contests & Competitions: 4%** 

Websites: 4%

**Creativity Training 4%** 









## Did you think that your profile described you well?

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Did you try to view at least some of the choices in each of the 14 different categories of enrichment?

Yes: 89%

No: 11%

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## **Favorite Enrichment Categories:**

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Critical Thinking: 7%

Projects & Independent Study: 7%

Real Field Trips: 4%

Contests & Competitions: 4%

Websites: 4%

**Creativity Training 4%** 

## Why did you like it?

It was very exciting because they know what you like and they have websites for you.

Because it had everything that was for me and things that I like.

You can look at fish live on virtual webcams.

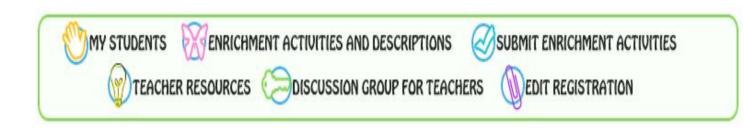
Because it takes you to some awesome websites

I liked how it had questions and when it was done, it knew all about me.

It was very cool and found all of my interests.

## For Teachers:

- Information about students' profiles, questionnaires, activities, sites visited, and assessments completed
- Opportunities to discuss the system with other teachers and share resources, ideas for class activities
- Down-loadable activities, independent studies, learning maps, and classroom work



# A dozen teaching assistants in your class--

To help you to identify challenging activities, books, online summer programs, independent projects, research opportunities and resources, contests and competitions....

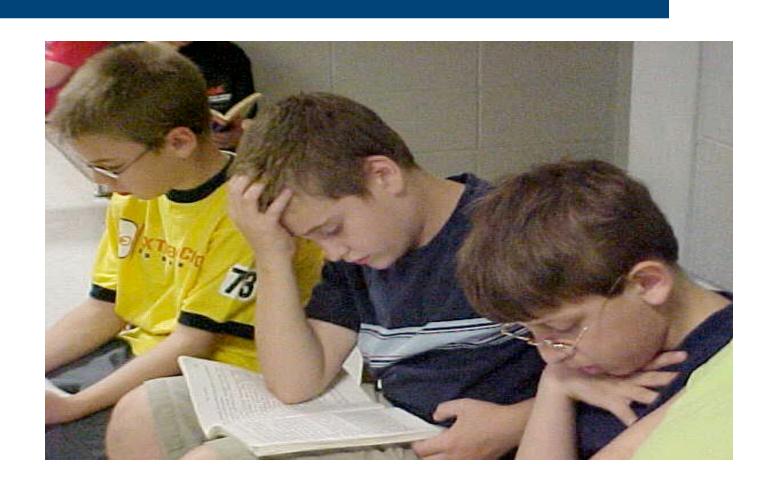
# What have we learned about talent development during the last 30 years?

When the regular curriculum is adjusted for differences and enrichment opportunities, resources, and encouragement are provided,

Student achievement, creativity, engagement in learning, and attitudes toward school all improve.



# How can Renzulli Learning help to enrich and challenge all of your students?

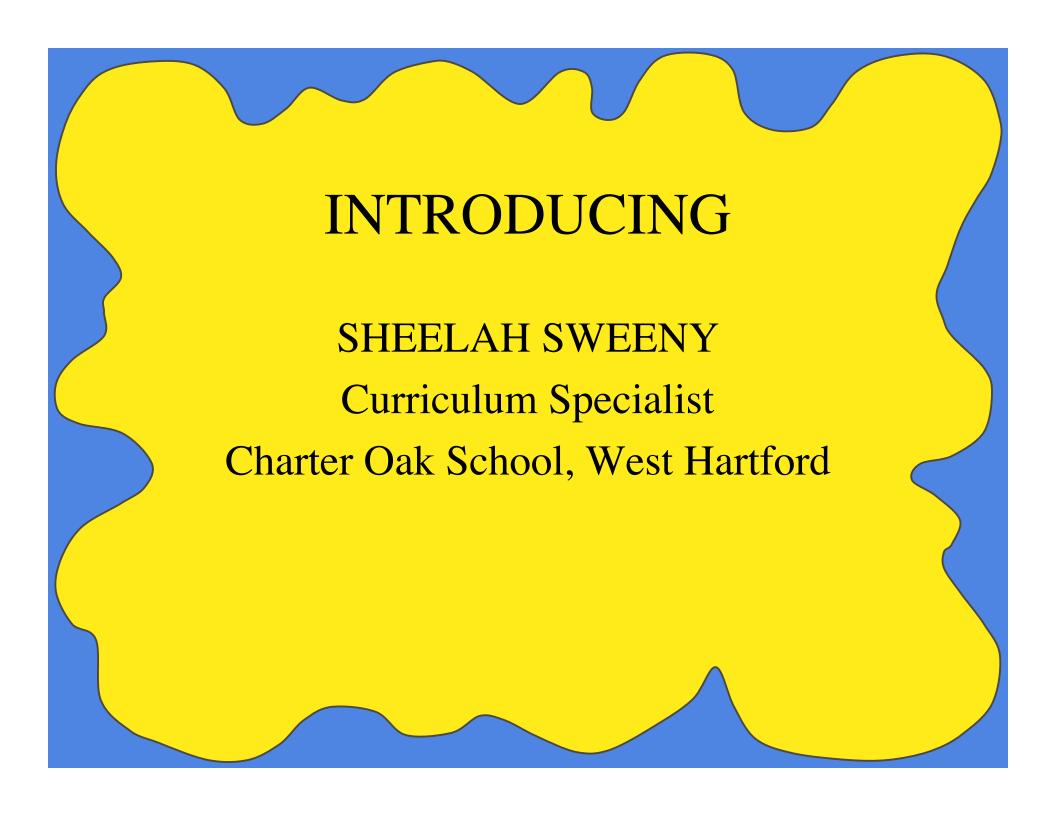


## Try Renzulli Learning

See the information on the brochure.

Try Renzulli Learning with 2-3 of your students for 2 weeks..follow the directions on the web site listed on the cover of your brochure--Try it for Confratute!





# Using Renzulli Learning in the Classroom

# One Teacher's Experience



## Introduction of Renzulli Learning



- Acquaint students with the purpose
- Register
- Students answer questions

### **The Total Talent Portfolio**



- Student and teacher read Student Profile
- Determine accuracy
- Choose an area of interest



## **Sample Profile**

• Amber is a fourth grade student who has special interests and abilities in school. She described her grades as 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 interests appear to be in writing. She seems to really enjoy writing, and should be exposed to writing in a variety of genres such as fiction and non-fiction, poetry, and journalism.

## **Open Ended Questions**

Open-Ended Questions

Imagine that you have written your first book and you are ready to submit it for publication. What is the title of your book and what is your book about?

• The title of my book would be "Runaway". It will be about an Egyptian girl from ancient Egypt who runs away from home because she has a dream that she must find an ancient amulet from Alexandria. The amulet is the key to discovering an important fact about her great-great grandfather.

## The Teacher's Role

- The "Guide on the Side"
  - Consulting
  - Guiding
  - Assisting



## **Enrichment Activities**

- Search and Surf
- Identify favorites





## **Choosing Activities**

Skills-based activities







Gathering information





Taking notes



### **Products**

#### I Can't Write a Poem

By Amber

Forget it

You must be kidding

I have no ideas

Duh!

I can't pick just one topic

Too many choices

My mind goes blank

I think too hard

It's time for lunch

My favorite TV show is on

Time's up? Uh oh!

All I have is a dumb list of excuses.

You like it? Really? No kidding.

Thanks a lot. Would you like to see another one?

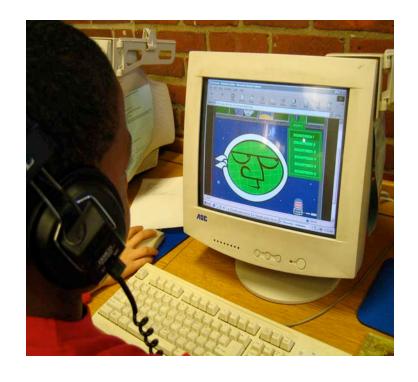
#### My Instant Poem

By Amber

This is the poem that melts and freezes in the ice cream parlor when it drips onto your paper that soaks it all in because the paper is flat and because it wants to become 2-dimensional

And when a brain freeze
takes over your mind
this is the poem that helps
it unfreeze
and makes you think better

- Social activity
- Interested and encouraging
- Productive talk
- Sharing profiles



Michael



"I have a lot of things
 I'm interested in, but I
 never follow through
 with my ideas. Maybe
 this will help me pick an
 idea and follow through
 with it!"



Amber



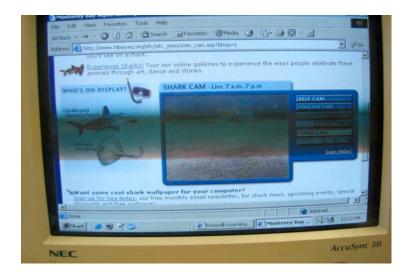
 "I was thinking about the open ended questions last night and know exactly what I'm going to say."



Keye



- "This is so awesome!
   Look, I can see sharks on the web cam!"
- Overheard later in the day by a teacher
  - "I can get you that web site I was on."



### **Parent Reactions**

#### Lois

- "What was that new program my daughter was using? She came home tonight and was so excited about it. I know she liked it because she told us all about it. Usually she doesn't tell us anything about what she does in school."



#### **Teacher Reactions**

- Students were excited and self motivated
- Good information for beginning of school year
- Great way to direct student learning
- Want to use it with all students, not just
   Gifted and Talented students
- Will support differentiated instruction

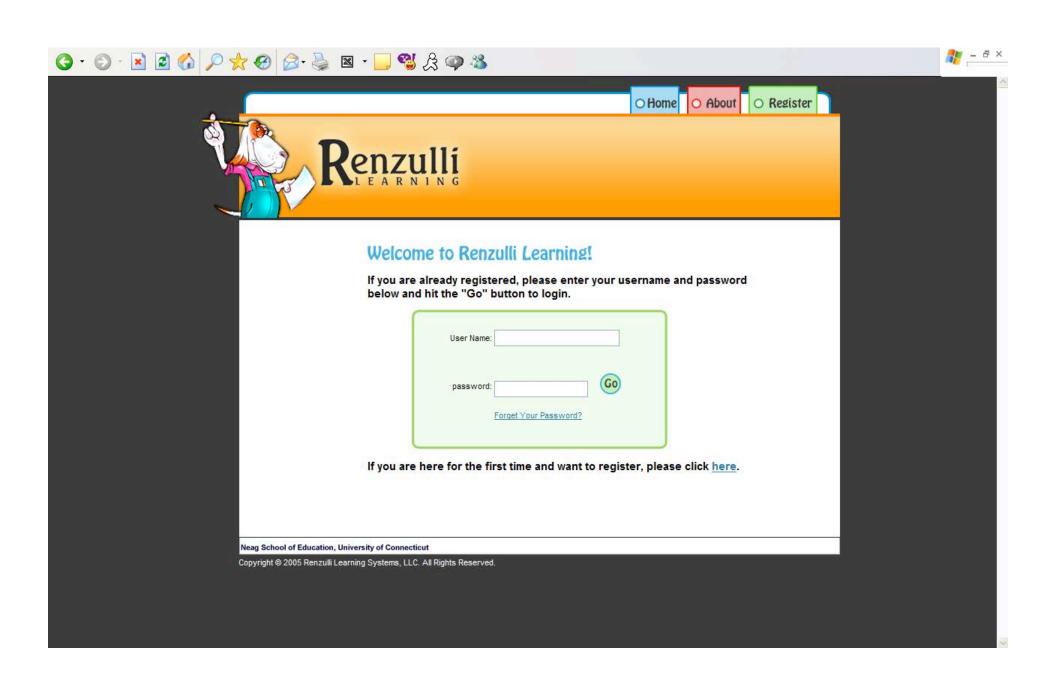
### **Teacher Comments**

- Valuable insight into interests, especially from quiet students
- Students excited about the activities and ideas available
- Students want to use Renzulli Learning as soon as they finish other activities with the Gifted & Talented teacher

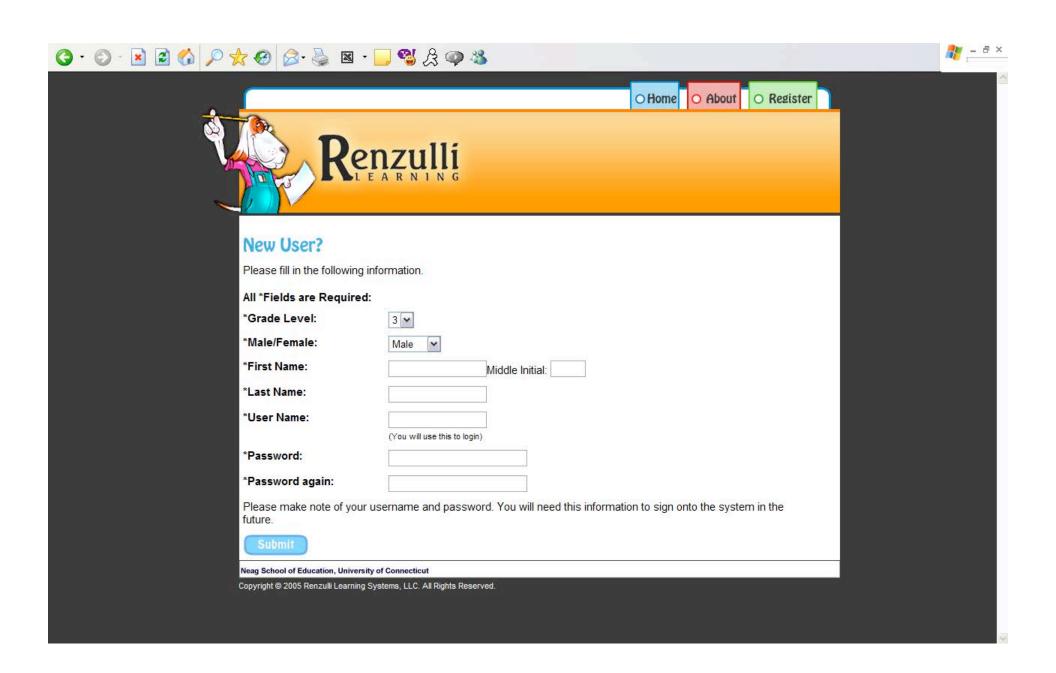
### **Benefits**

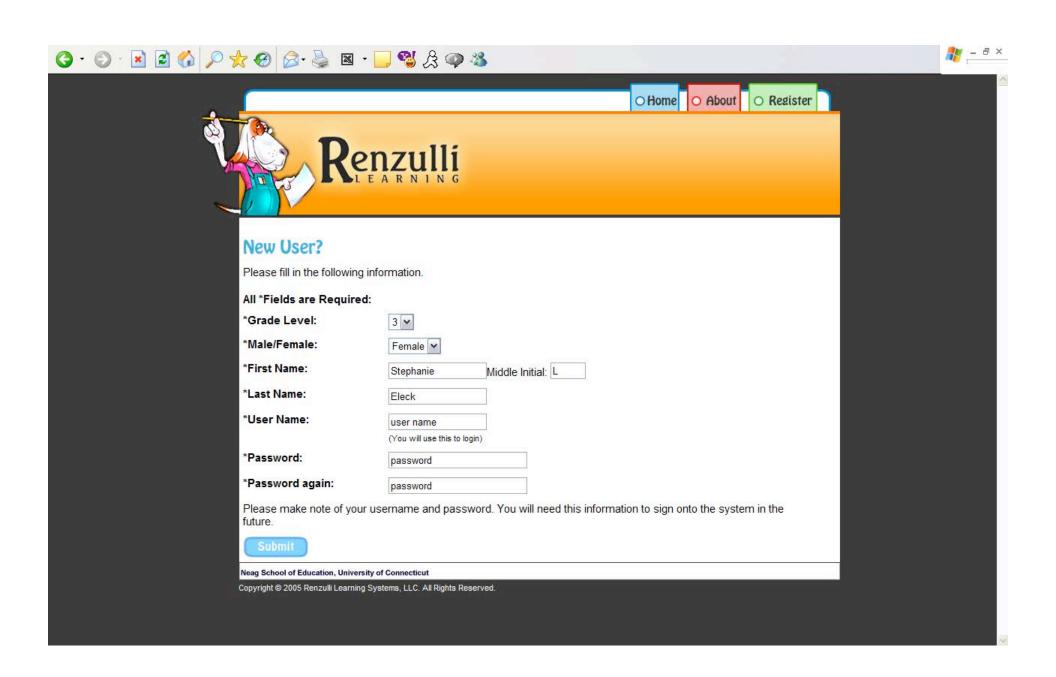
- Quality resources
- Web sites pre-approved
- Provides focus
- Expands skills
- Directs work product choices
- Motivational



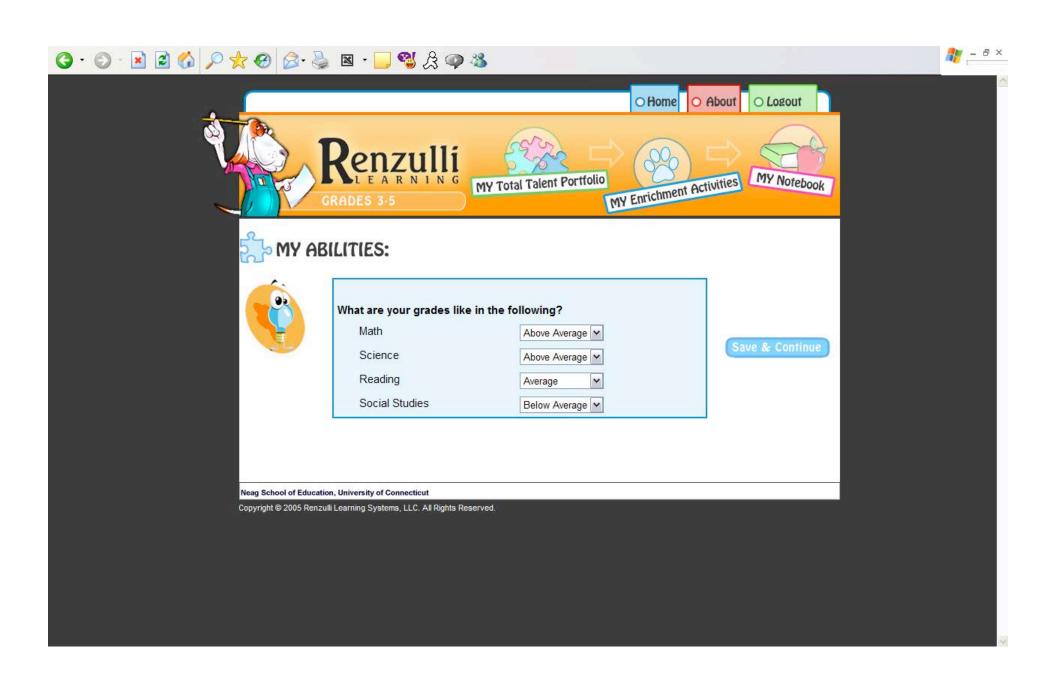








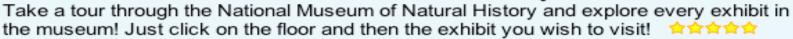






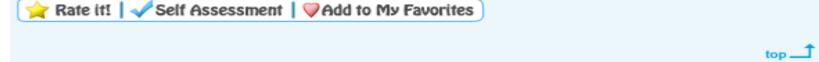


#### Virtual Tour of the National Museum of Natural History





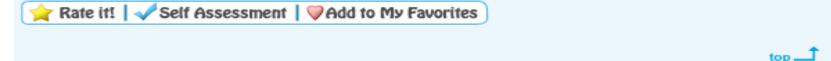
Virtual Tour of the National Museum of Natural History



#### The cave of Lascaux

Virtually explore this ancient cave and look at all the beautiful cave paintings! This site explains the history of the cave and the meanings of the various cave paintings as well.

The cave of Lascaux



#### Madame Tussaud's Wax Museum

Take a virtual field trip to this wax museum! Filled with wax figures of people from early history, to people of today, this virtual fieldtrip is fascinating not only because we'll be viewing fourteen wax figures, but also because you'll learn a lot about England's history, and about the lives of some of Europe's leading figures. Read the introduction, then click on the places you can visit in the left-hand column!

Madame Tussaud's Wax Museum

