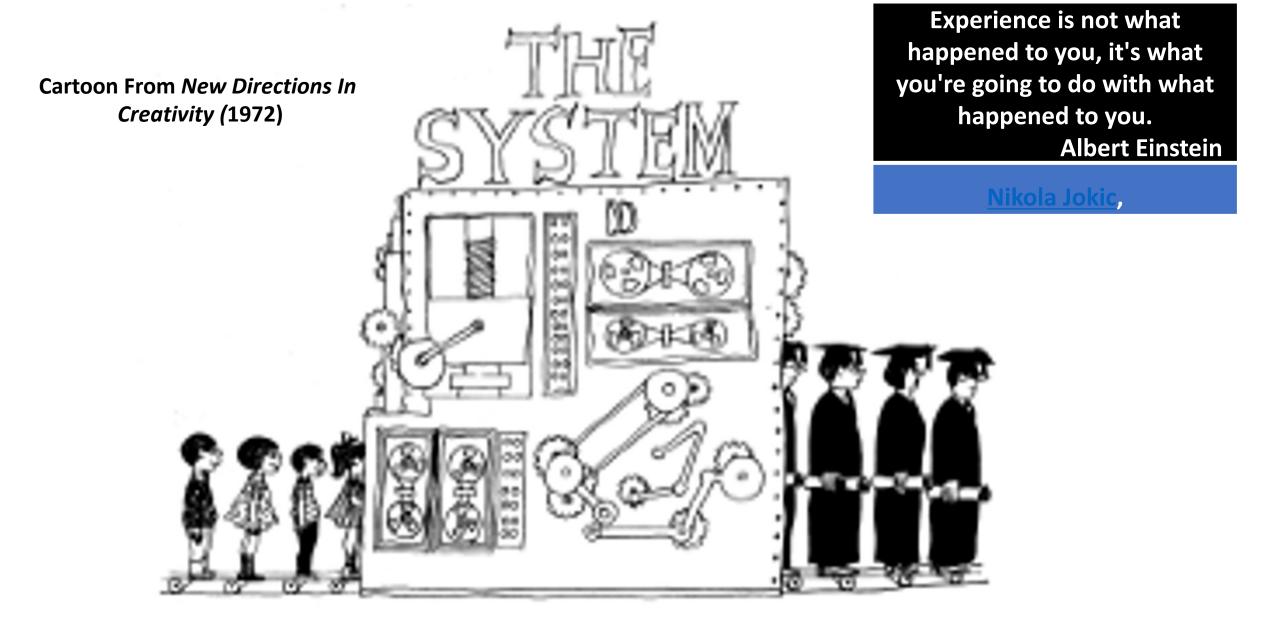
# APPLICATIONS OF THEORY AND RESEARCH TO PRACTICAL RESOURCES AND CLASSROOM PRACTICES

Joseph S. Renzulli & Sally Reis The University of Connecticut

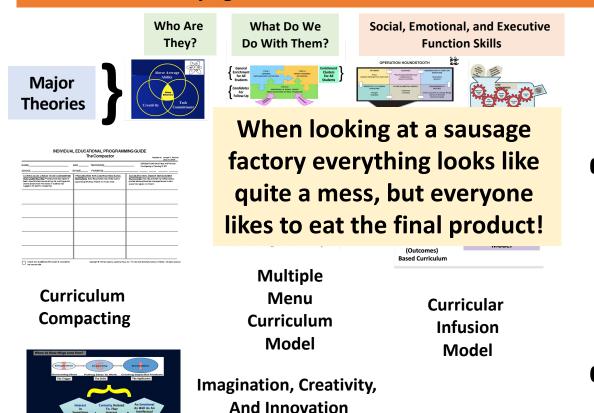


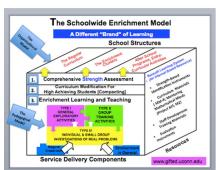
"The main thing is not to take it personal."

### 1. The Big Picture



#### **Overview of Underlying Theories Related to The Schoolwide Enrichment Model**









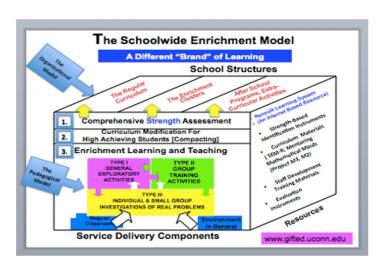
https://gifted.uconn.edu/schoolwide-enrichment-model/



# 1978 Led To Major Changes In My Career and Life

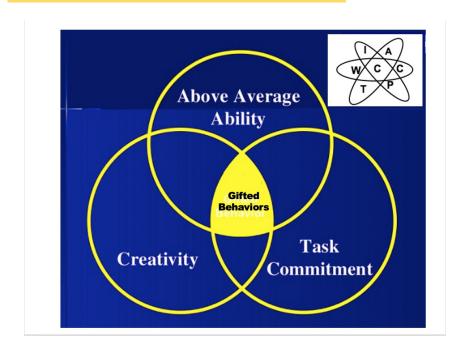
- 1. The Enrichment Triad Model was published
- 2. The Three Ring Conception of Giftedness was published
- 3. Confratute began
- 4. I met Sally Reis who developed the first Schoolwide Enrichment Program in Torrington, Connecticut

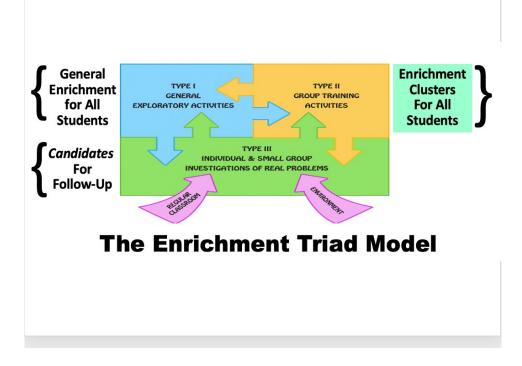




The Schoolwide Enrichment Model isn't just about providing activities for students – it's also about building communities.

### 2. The Two Major Theories



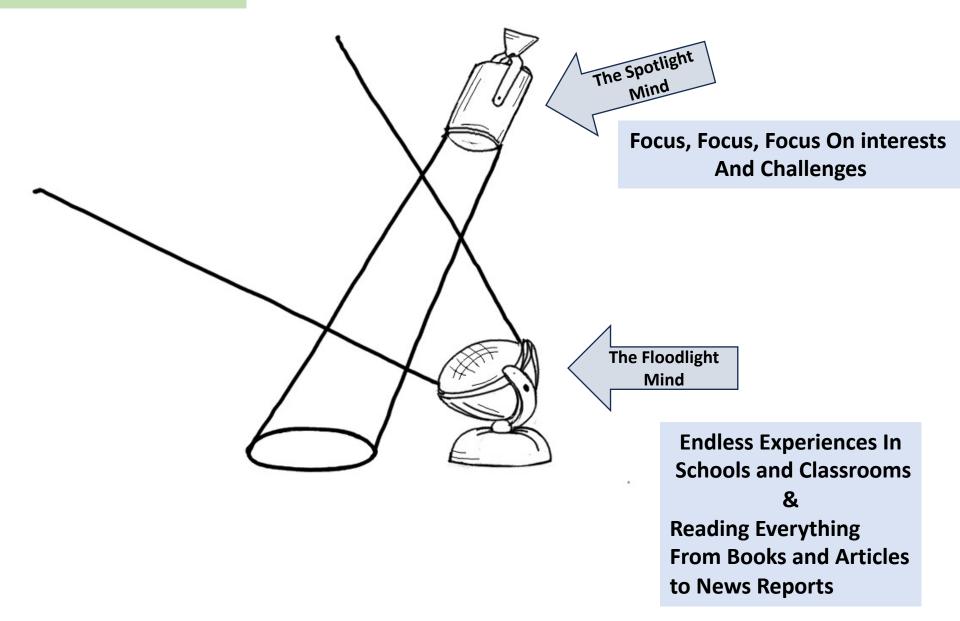


## My Most Frequently Asked Question



Where Did These Ideas Come From?

## **Two Kinds Of Thinking**

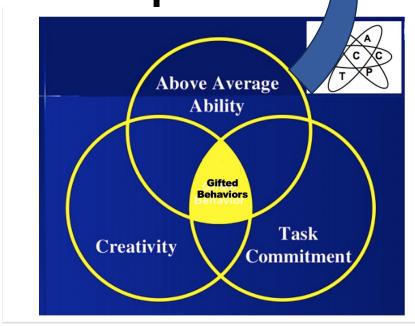


Also, where AAA came from in later years.

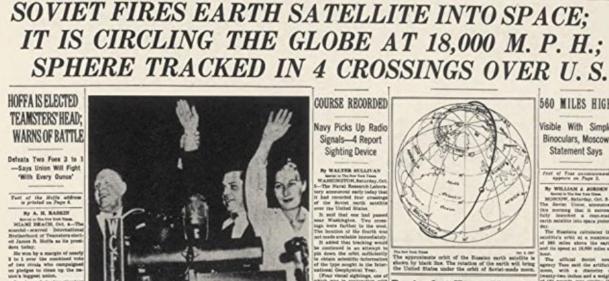
October 4, 1957

1. A Trip Back In History.

I was a middle school math & science teacher in New Jersey



Superintendent sent me the names of all the high IQ Students in our middle school.





## 10% RatePredicted;

#### COURSE RECORDED

The New York Times. LATE CIT

#### Navy Picks Up Radio Signals-4 Report Sighting Device

#### Device Is 8 Times Heavier Than One Planned by U.S.

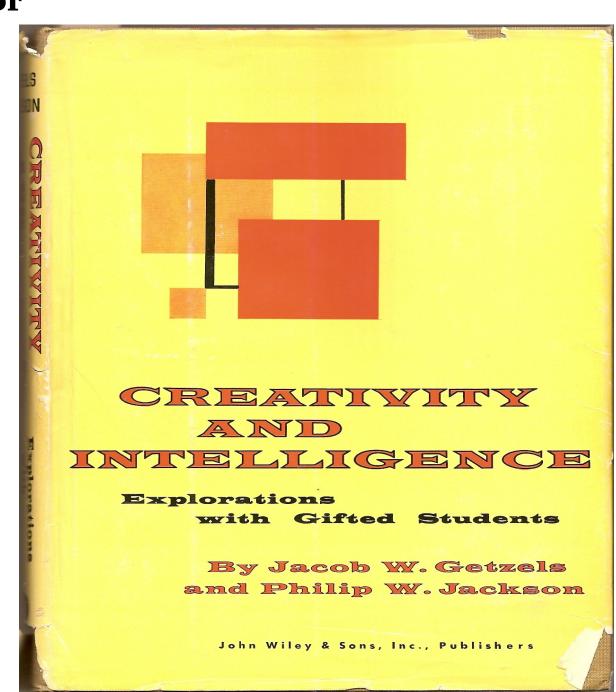
560 MILES HIGH

Visible With Simple Binoculars, Moscow Statement Says

## 1962 – An Inspiring Professor

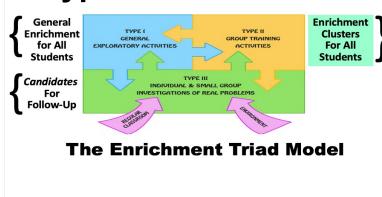
Jane Raph --An inspiring teacher and a little bit of luck...





# 2. A Trip Back In History

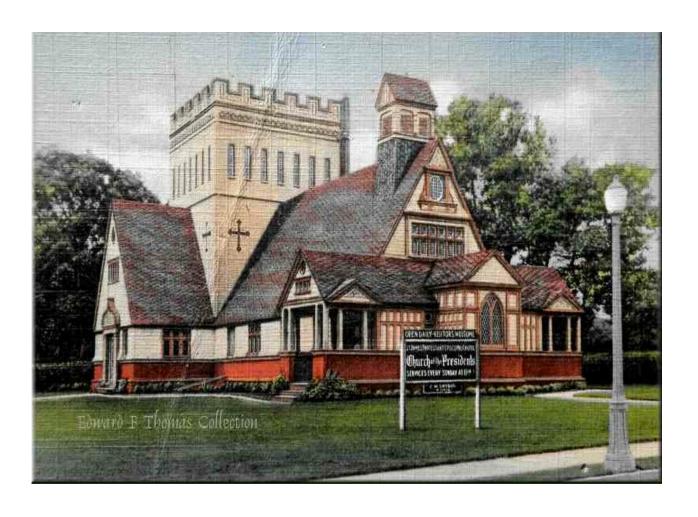
The seed for the idea of Type III Enrichment.



Herb Buehler, the Social Studies teacher on our middle school team

Bruce Frankel, A seventh grade student who had a fascination about all things related to presidents of the U. S.

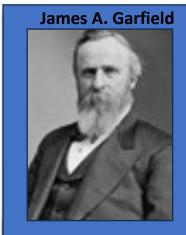
### **Around The Same Time**



The Church of The Seven Presidents

Presidents at the Monmouth County Shore

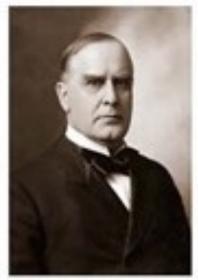












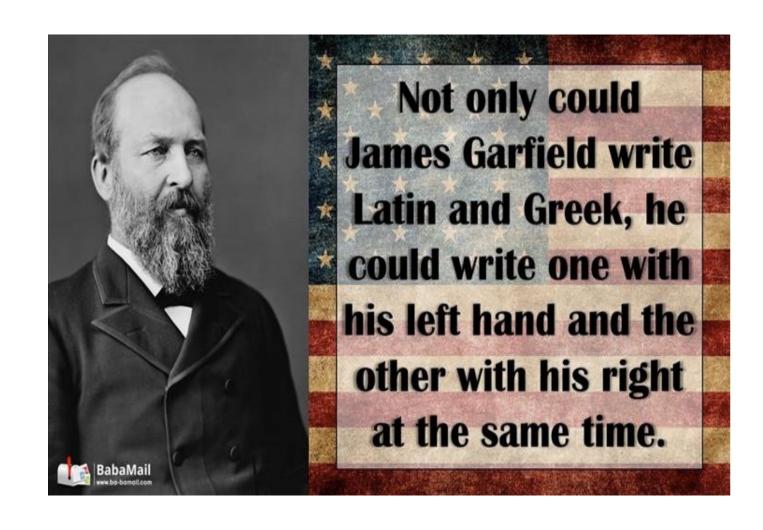




**Old Photo of Garfield's Home** 

## Things Bruce found out.

Garfield was shot and wounded by a disappointed office seeker at the railroad station in Washington, D.C. on July 2, 1881. He was brought by train to Elberon, N. J. in the belief that seashore air would help in his recovery.



Bruce Spent

One-Third

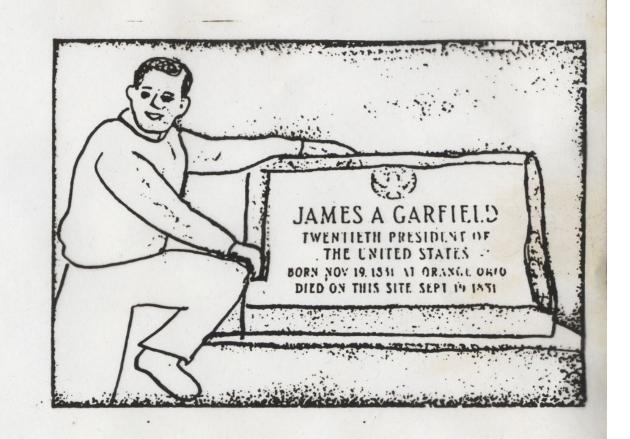
Of His Life

To Honor

Garfield '56\*

\*(William College)

A letter that touched Bruce's heart.



Charles Gutier
B & O R.R. Station July 2, 1881

## **Making Connections**





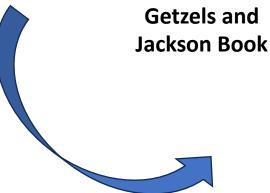
Torrance Tests of Creative Thinking

Side Note:

Major Problem

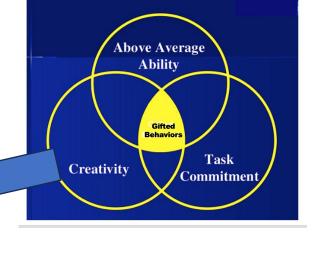
CREATIVITY
AND
INTELLIGENCE
Explorations
With Gifted Students
and Philip W. Jackson
Getzels and

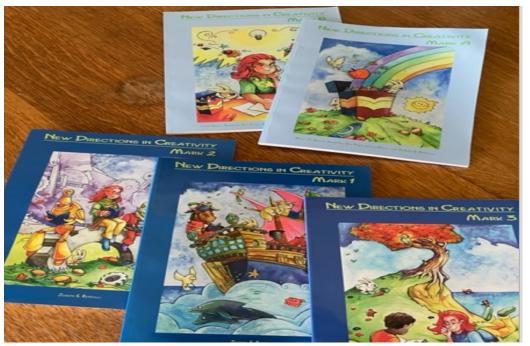
Side Note: Major Problem With The TTCT



**Trivia Note** 

Renzulli, J. S., & Paulus, D. (1968). Scoring creativity tests by computer. Gifted Child Quarterly, 12, 79-83.





New Directions In Creativity (1972) -- 120 Activities From Primary To High School

### New Directions In Creativity HYPERLINKS 120 Creativity Training Activities (K – 12)

https://gifted.uconn.edu/wp-content/uploads/sites/961/2023/07/NDC-Mark-1.pdf
https://gifted.uconn.edu/wp-content/uploads/sites/961/2023/07/NDC-Mark-2.pdf
https://gifted.uconn.edu/wp-content/uploads/sites/961/2023/07/NDC-Mark-3.pdf
https://gifted.uconn.edu/wp-content/uploads/sites/961/2023/07/NDC-Mark-A.pdf

https://gifted.uconn.edu/wp-content/uploads/sites/961/2023/07/NDC-Mark-B.pdf

# Information Ш Identification Necessary

# \*Enrichment Learning **And Teaching**

## Two Kinds of Assessment

**JSR** 2019

The Difference Between Assessment of Learning [What Students Already Know] And...



Yes, but it looks like it will create a pile of paperwork!

Assessment For Learning [What Skills They Need To **Learn New Material Enjoyably And Enthusiastically**]

**Expression Styles** 

**Enjoyment of** 

Learning

**Engagement** 

**Student** 

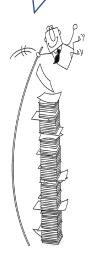


**Interests Executive Learning Styles Functions** 

> **Collaboration** Cooperation **Planning Self-Regulation Organizing Curiosity**

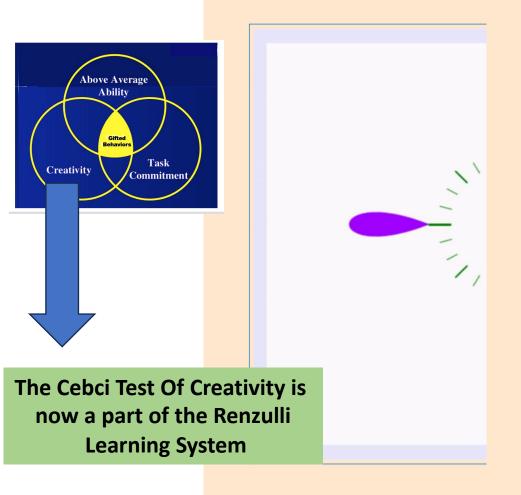


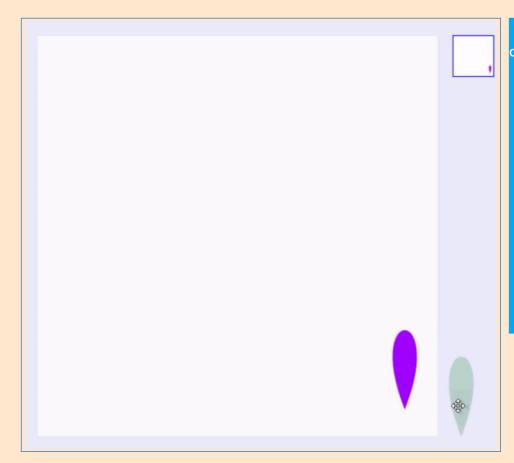




#### TUTORIA

### TUTORIAL STEP 1 - Adding a petal

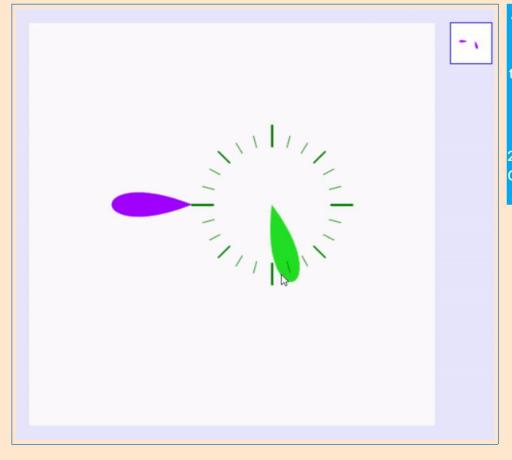




A petal is the only thing you need to make your flowers in this game. Watch the animation. To add a new petal to your flower: 1) with your mouse hold from the pointy half of the petal 2) drag it to the white drawing area 3) once there, simply release to drop the petal. Want to try? Click the NEXT >> button below to try yourself.



### TUTORIAL STEP 2 - Rotating a petal



As seen in the animation to rotate a petal:

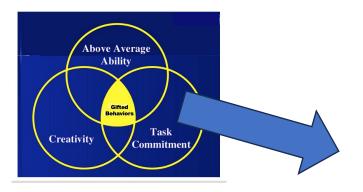
1) Move your mouse over the curved half of the petal, here shown with shaded area

2) Hold and rotate the petal. Click the NEXT >> button to

try it yourself.

## TUTORIAL STEP 5 - Adding a New Flower

Its your turn! Add a new page by clicking \_\_\_\_\_ Click the NEXT >> to continue.





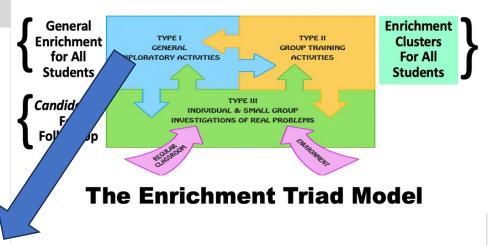
A detailed analysis was made of the 150 most successful and 150 least successful men among the gifted students in an attempt to identify some of the *non-intellectual factors* that affect success. Since the less successful subjects do not differ to any extent in intelligence as measured by tests, it is clear that notable achievement calls for a lot more than a higher order of intelligence.

The results [of the follow up study] indicated that personality factors are extremely important determinators of achievement. The four traits on which the [most and least successful groups] differed most widely were persistence in the accomplishment of ends, integration toward goals, self-confidence, and freedom from inferiority feelings. In the total picture the greatest contrast between the two groups in all-round emotional and social adjustment, and in drive to achieve. (Terman, 1959, pg. 148; italics not in the original).

# Numerous biographies of highly creative and productive people

To become the master of any skill it takes the total effort of your heart and mind and what you believe can be put into practice together in a harmonious and joyful way.

**Thomas Edison** 

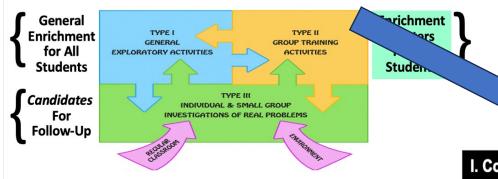


#### **Mainly Experience**

Taking **all** students on field trips and providing opportunities for follow-up. Developing a Type I Planning Guide.

#### **Type I Planning and Documentation Form**

Check all that apply:	Content Areas						
General Matrix							
Grade Level	Lang. Arts	Social Studies	Science	Math	Arts	[otal	
Methods of Delivery	Ľ	Š	Ň	Σ	Ā	ĭ	
I. Resource Persons							
Speakers							
Enrichment Clusters							
Demonstrations							
Artistic Performances							
Panel Discussion/Debate							
E-Mail							
Other							
II. Media							
Films							
Virtual Field Trips							
TED Talks/Virtual Lectures							
YouTube/Videos							
Television Programs/DVDs							
Newspaper/Magazine Articles							
Software Programs							
Other							
III. Other Resources							
Interest Development Centers							
Displays							
Field Trips							
Museum Programs							
Learning Centers							
Internet-Based							
Other							
Total							



The Enrichment Triad Model

Endless research by many people around the world on thinking skills, the development of a Type II Taxonomy, and creating a library of resources for teaching thinking skills that can selectively be used in our courses and professional development.

#### I. Cognitive Thinking Skills

- A. Creative Thinking Skills
- B. Analytic, Problem-Solving & Decision-Making Skills
- C. Critical and Logical Thinking Skills

#### III. Learning How-To Learn Skills

- A. Listening, Observing, & Perceiving
- B. Reading, Notetaking, & Outlining
- C. Interviewing & Surveying
- D. Analyzing & Organizing Data
- V. Written, Oral, and Visual Communication Skills
- A. Written Communication Skills
- **B. Oral Communication Skills**
- C. Visual Communication Skills

## II. Character Development and Affective Process Skills

- A. Character Development
- **B. Interpersonal Skills**
- C. Intrapersonal Skills
- IV. Using Advanced Research Skills & Reference Materials
- A. Preparing for Research & Investigative Projects
- **B. Library & Electronic Reference**
- C. Finding & Using Community Resources

#### VI. Meta-Cognitive Technology Skills

- The ability to identify trustworthy and useful information
- The ability to selectively manage overabundant information
- The ability to organize, classify, and evaluate information
- The ability to conduct self-assessments of web-based information
- The ability to use relevant information to advance the quality of one's work
- . The ability to communicate information effectively

General Enrichment for All Students

Candidates
For For Follow-Up

Candidates
For Follow-Up

Enrichment Clusters
For All Students

Candidates
For Follow-Up

**The Enrichment Triad Model** 

Example is the best school of mankind, and they will learn at no other.

Philosopher, Edmund Burke

Numerous case studies about all kinds of students doing outstanding work on Type III Enrichment projects

Hint: Whenever you are sharing information about Type III Enrichment, *always* tell a few stories about outstanding examples you have facilitated or heard about.

## **Resources Available For Dissemination**

A key to getting people interested in bringing about change in their schools is providing them with easy-to-access information in various formats. The files below contain articles and videos that you may want to review to see which ones tell the story in a manner (print, video, long or short) that you think serve you best. All are available at no cost or need to request permission,

Publications by Joseph S. Renzulli & Sally Reis <a href="https://gifted.uconn.edu/renzulli\_all\_publications/">https://gifted.uconn.edu/renzulli\_all\_publications/</a>

Instruments for gaining assessment for learning information from students <a href="https://gifted.uconn.edu/renzulli\_instruments">https://gifted.uconn.edu/renzulli\_instruments</a>

Short Articles by Joseph S. Renzulli (5-27-23) that are designed to capture the attention of leaders and policy makers <a href="https://gifted.uconn.edu/renzulli\_short\_articles/">https://gifted.uconn.edu/renzulli\_short\_articles/</a>

Videos About The Schoolwide Enrichment Model <a href="https://gifted.uconn.edu/renzulli\_videos/">https://gifted.uconn.edu/renzulli\_videos/</a>

Videos about selected topics distributed by our Center by various leaders in the field <a href="https://gifted.uconn.edu/renzulli\_videos/">https://gifted.uconn.edu/renzulli\_videos/</a>

[Especially valuable for "busy administrators"]

Academia, LinkedIn, Confrater Mailing List Short Stuff

# Curricular Enrichment Infusion: A Practical Application For For Modifying The Regular Curriculum

[Example of Short Stuff - 4 Pgs.]

Joseph S. Renzulli
The University of Connecticut

#### **Abstract**

Today's education systems around the world are still dominated by a pedagogy that focuses on information acquisition, storage, and retrieval; and unfortunately, scores on standardized achievement continue to be the way in which most schools and teaching are evaluated. One state has recently proposed a performance-based teacher salary system, and, of course, the criterion for paying teachers will be based on increasing test scores. Can you imagine the type of teaching that will result from such an approach?

The acquisition of knowledge is important, however, we firmly believe that schools should be places for talent development. Our work for decades has focused on what we call creative/productive giftedness rather than traditional lesson-learning giftedness. In this keynote, Joe will summarize some experiences that have influenced our work over the past fifty years. A good deal of this work has focused on the development of theories or models for identifying talent potentials and serving young people in school settings, but theories don't create lasting change. To change practices, we need professional development for both teachers and administrators that focuses on enjoyable and engaging practices that can reasonably be done in classrooms. This keynote focuses on enrichment practices and easy access to the resources that can be



#### **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!

The Schoolwide Enrichment Team, Program Coordinator, and/or the Principal	Sustainability Study [20
Conducts regularly scheduled meetings of the Schoolwide Enrichment Team	
Has a list of the names of all students for whom Curriculum Compacting is being provided and periodically reviews	Compactors with the teachers
Has a collection of Type III Management Plans from projects completed by students in Enrichment Clusters or other	r special program opportunities
Sets up a regularly scheduled weekly time for Enrichment Clusters	
Visits Enrichment Clusters and arranges for follow-up meetings with the teachers	
Maintains a list of outside persons who have been invited to provide Type I or Type II Enrichment in the school	
Maintains a list of outside persons who have served as Type III Mentors to individuals or small groups	
Maintains a list of state contests and competitions (e.g., National History Day, Invention Convention, Future Proble and provides information to teachers about dates, locations, and entrance and registration requirements	m Solving, Math League, etc.)
Asks teachers for quarterly summaries listing Types I, II, or III Enrichment activities that have been infused into the	regular curriculum
Sends announcements about student, teacher, or program accomplishments to the local press	
Arranges for an end-of-year Type III Fair or Showcase for students, parents, district officials, board members, and the	ne local press
Has visual displays and graphic organizers (e.g., Three Ring Conception of Giftedness, Triad Model) throughout the understand "the language of the model" and the meaning and purpose of key features	building so that students and teachers
Arranges to showcase student work throughout the building, in the central office, and other public and commercia	l buildings throughout the community
Has an attractive brochure that can be shared with parents, visitors, and others who ask about the program	
"Artifacts" exist in the buildings that validate the school is an SEM school or on the way to becoming one! [Artifact to staff related to SEM, articles about SEM regularly distributed and discussed, bulletin boards displaying Type1, 2 and	•

## Developed by one of the principals in New York city

## **Closing Story**

Chronicle Guidance Professional Service P991

## What Makes Giftedness? Reexamining a Definition

by Joseph S. Renzulli

hroughout recorded history and undoubtedly even before records were kept, people have always been interested in men and women who display superior ability. As early as 2200 B.C. the Chinese had developed an elaborate system of competitive examinations to select outstanding persons for government positions,1 and down through the ages almost every culture has been fascinated by its most able citizens. Although the areas of performance in which one might be recognized as a gifted person are determined by the needs and values of the prevailing culture, scholars and laypersons alike have debated (and continue to debate) the age-old question: What makes giftedness?

The purpose of this article is therefore threefold. First, I shall analyze some past and current definitions of giftedness. Second, I shall review studies that deal with characteristics of gifted individuals. Finally, I shall present a new definition of giftedness that is operational, i.e., useful to school personnel, and defensible in terms of research findings.

#### The Definition Continuum

Numerous conceptions and countless definitions of gittedness have been put forth over the years. One way of analyzing existing definitions is to view them along a continuum ranging from "conservative" to "liberal," Le., according to the degree of restrictiveness used in determining who is eligible for special programs and services.

Restrictiveness can be expressed in two

JOSEPH S. RENZULLI (University of Virginia Chapter) is associate director of the Bureau of Educational Research, University of Connecticut, Storrs. © 1978 by Joseph S. Ren-



ways. First, a definition can limit the number of performance areas that are considered in determining eligibility for special programs. A conservative definition, for example, might limit eligibility to academic performance only and exclude other areas such as music, art, drama, leadership, public speaking, social service, and creative writing. Second, a definition may specify the degree or level of excellence one must attain to be considered spifted.

At the conservative end of the continuum is Lewis Terman's definition of giftedness, "the top 1 % level in general intellectual ability, as measured by the Stanford-Binet Intelligence Scale or a comparable instrument."

Reprinted with the author's parmission from PHI DELTA KAPPAN, Valume 60, Number 3, Naxember 1978, pages 180-184 + 261, Cappright 1978 by Phi Delta Kappa, Inc.

# Sometimes things can get pretty nasty...

Renzulliitis: A National Disease
In Gifted Education
Article By Hans Jellen

"Change is hard at first, messy in the middle, and gorgeous at the end."



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#### CIAL PUBLICATIONS

CEK L. BURLESON, Editor (ISTINE A. SWANSON, Staff Associate Joseph S. Renzulli
School of Education
University of Connecticut
Storrs, CT 06268

Dear Mr. Renzulli:

Recently I received a letter from one Dan King, a copy of which is enclosed. He alleges, as you can see, that both your 1978 KAPPAN article and the most recent one in the May 1981 issue appeared elsewhere prior to publication in the KAPPAN. You'll notice that he fails to specify where they appeared; I've asked him for full citations. In the meantime, could I please hear from you as to whether the articles in question appeared elsewhere? Thanks for your assistance.

Cordially,

Robert W. Cole, Jr. Editor PHI DELTA KAPPAN

**RWC:th** 

**Enclosure** 



DEPARTMENT OF EDUCATION Ph. (315) 588 7157 CERTIFICATIONIFLACTMENT Ph. (219) 586-77

June 5, 1981

Editor Phi Delta Kappan 8th and Union Street Box 789 Bloomington, Indiana

Dear Editor:

In your May, 1981 issue of the <u>Phi Delta Kappan</u> you printed an article entitled "The Revolving-Door Model: A New Way of Identifying the Gifted "by Joseph Renzulli and his colleagues. I am writing to inform you that this same material has been printed elsewhere by Renzulli in explaining his triad model at least two years ago and in articles elsewhere.

One makes the basic assumption that what is printed in the Phi Belta Kappan is orginal and new. One cannot make the presumption that the PDK membership does not contain educators of the gifted. One should make the presumption that the journal is not a digest of articles in other publications but material printed for the first time.

I hope that the editorial process includes some check on articles to discover whether they have been published elsewhere or not. Had this process been a tight one, it might also have discovered that the Renzulli article in the late 1978 issue of the Phi Delta Kappan had also been published elsewhere before.

Sincerely.

Dr. Dan King Assistant Professor

DK/311

Bot Cole 2:30.

disregard letter of 6/22 - enother pending another letter to explain





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815 S. Los Zafines

Green Valley, AZ 83514

I'm still shaking my head over a phone call I received this morning. Dan King called me in response to my letter of June 22 that asked him to supply documentation for the allegations that I mentioned to you in my earlier letter. This Dan King said that he had never sent such a letter and, in fact, that he did not even know who Joseph Renzulli is. Apparently someone has perpetrated a hoax that is, to say the least, in bad taste. I apologize for having disturbed your summer with this. Please consider the matter to be closed. I trust that you'll continue to send your work to the KAPPAN: we value you as a contributor. Keep in touch.

Cordially,

Robert W. Cole, Jr.

I Love You Gift Co. 822 North Fairfax St. Alexandria, Va 22314

005042
The ASS FOR THE GIFTED
DR JOSEPH RENZULLI
SCH OF ED UNIV OF CONN
STORRS
CT 06268

Bulk Rate U S Postage

**PAID** 

Alexandria, Va Permit No. 13 Please peel off label And place on order form

Address Correction Requested

I received over 20 of these postcards, all from anonymous sources.

# The Main Take-Away From Confratute...

### 7th Grade Science Teacher At Dow Avenue School, Ocean Township, NJ

Stephanie Battjer

Sent: Thursday, June 4, 2015 at 7:14 AM

To: joseph.renzulli@uconn.edu

You forwarded this message on 6/4/15, 2:47 PM.

Dear Dr. Renzulli,

I ran across your name and work recently and I believe you were my 7th grade science teacher at Dow Avenue School. You were always one of my favorite teachers! I remember your enthusiasm as a relatively young teacher, and the you always made class fun and interesting.

I am impressed with your work and your achievements. I just wanted to say hello to great teacher and scholar! Hope all is well with you!

Best Regards,
Brian Battjer

Fun

And
For

Teachers

Administrators

The main "take away" message from Confratulis:

No matter what you are teaching no matter how much it depends on presenting prescribed knowledge...

...you should always try to do everything possible to make it more fun and interesting!



A-Z

NEAG SCHOOL OF EDUCATION

#### Renzulli Center for Creativity, Gifted **Education, and Talent Development**

Search this site...

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News **▼** Dr. Joe Renzulli's Contributions ▼ SUPPORT THE CENTER **Contact Information** 

2024 Wal

All Articles and Chapters

Instruments

DR. JOS

A

**Practical Resources** 

Short Articles on Key Issues

ENTATIONS

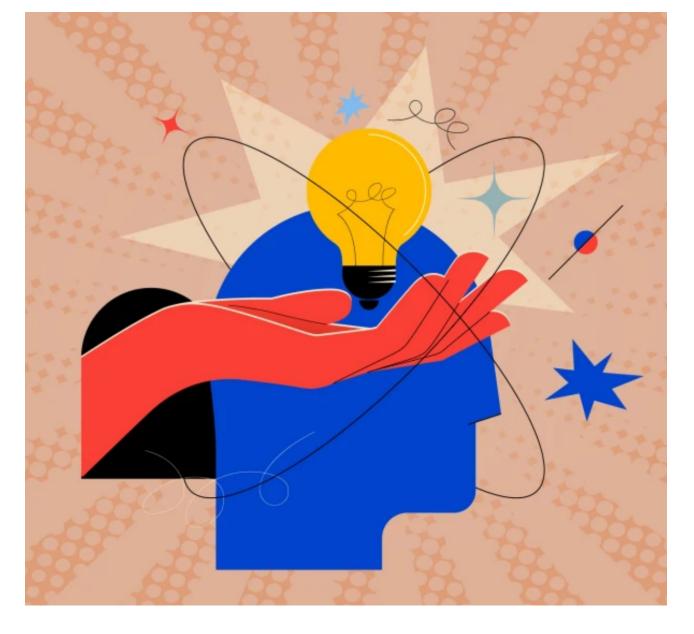


# Please feel free to join my Linkedin Account at the following address:

https://www.linkedin.com/in/joseph-s-renzulli-861b5b22/



### Favorite Quote



"Inspiration exists, but it must find you working." Pablo Picasso

### What is Enrichment Pedagogy?

Developed by researchers and educators whose classrooms and practices have served as laboratories for enrichment and innovations that have subsequently become mainstays in our field.



# ENRICHMENT PEDAGOGY UNDERLIES OUR WORK

- Strength-based Instruction
- Critical/Creative Thinking & Problem Solving
- Creative Productivity—Inventions & Projects
- Finding and Pursuing Interests
- Depth and Complexity
- Small Group Advanced Explorations
- Differentiated Instruction Targeted to Needs
- Adjusting and Embracing Affective Differences
- Support for Social Emotional Development
- High level Questioning Skills
- Embracing Challenge and Supported Struggle

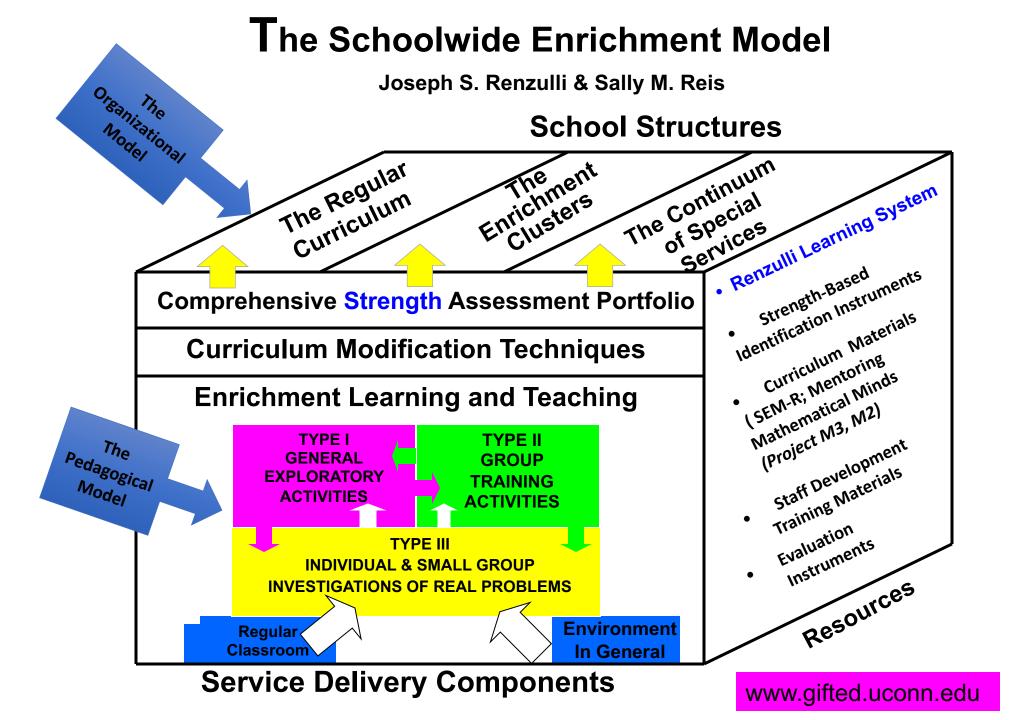


Passion projects, Maker spaces...

**Genius Hour** 

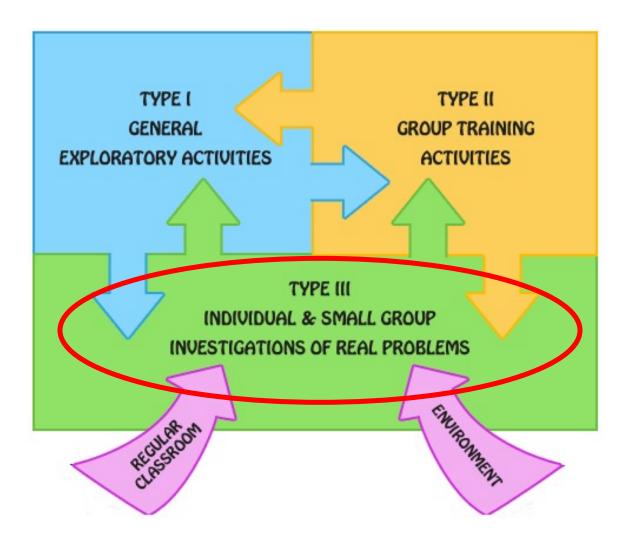






### Motivating Real-world Impacts

The Enrichment Triad Model





Enthusiasm For Learning

#### What is a Strength-based, Talent-focused Approach?

Educational experiences designed to align with students' strengths, interests, and talents.

Engaging students in the curriculum

Enabling personal expression of learning and outcomes

Identifying and nurturing strengths, interests and talents



View Profile in: Language

Continue

Jackie is a first 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 technology**, as she seems to like activities that involve technology and computers, multimedia equipment, and communication.

Jackie's second area of interest appears to be in reading, as she seems to like reading novels, stories, poetry, and other types of literature.

Jackie's **third area of interest appears to be in business**. She seems to show an interest in organizing or starting a business or assuming a leadership role in working with people, such as stage managing the play or becoming editor of the yearbook.

Jackie 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. Jackie has very clearly defined learning preferences. Her **preferred instructional style is through technology** that helps her to learn by using various interactive multi-media devices and Internet content. Her **second choice of learning style is discussions** that happen when two or more students talk with their teacher or in small groups about issues and topics by discussing facts and opinions and discussing them. Jackie **also enjoys 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 completed individually, in small groups of students, or in a whole class of students.

Jackie also has a preferred product style. That is, she has certain kinds of products that she likes to complete. Her **first product choice is technological**, as she enjoys photography, using computer technology, and integrating media in a number of different and interesting ways. Her **second choice of product style is audio-visual/display**. She enjoys organizing attractive arrangements of objects, and/or likes to work on displaying information on boards or posters. She also may enjoy organizing materials and designing diagrams to visually display information. Jackie's **third choice of product style is service**, as she likes to provide assistance to individuals or groups in her community. Jackie may also want to lead a group of students to do something that provides help to others in need.

As Jackie 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 Jackie to new ideas and experiences and let her explore many possible interests.







Continue

### 50,000 Vetted Enrichment Opportunities

#### 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 your favorites and your teacher favorites only!
- Don't show links that require Adobe Flash



Virtual Field Trips

491 Activities



Real Field Trips

107 Activities



Creativity Training

620 Activities



Critical Thinking

**422 Activities** 



Projects & Independent Study

25 Activities



Contests & Competitions

1850 Activities



Websites

173 Activities



Fiction (Books & E-Books)

60 Activities



Non-Fiction (Books & E-Books)

39 Activities



How-to (Books & E-Books)

167 Activities



Summer Programs

1253 Activities



On-line Activities & Classes

1594 Activities



Research Sites



Videos & DVDs

- Differentiate and challenge
- Compact Curriculum
- Renzulli Learning Virtual Field Trips
- Creativity Training
- Future Problem Solving
- Projects
- Enrichment Clusters
- Enrichment in homes and classrooms



## Enrichment Clusters – What Are They?

Enrichment Clusters are non-graded groups of students who share common interests and come together during specially designed time blocks to pursue these interests.

The main rationale for participation in one or more clusters is that <u>students and teachers want to be</u> <u>there.</u>



• Would you like to become a "Dumpsite Detective" and uncover ways to reuse our trash?

• Would you like to see worms at work reducing our lunchroom garbage?

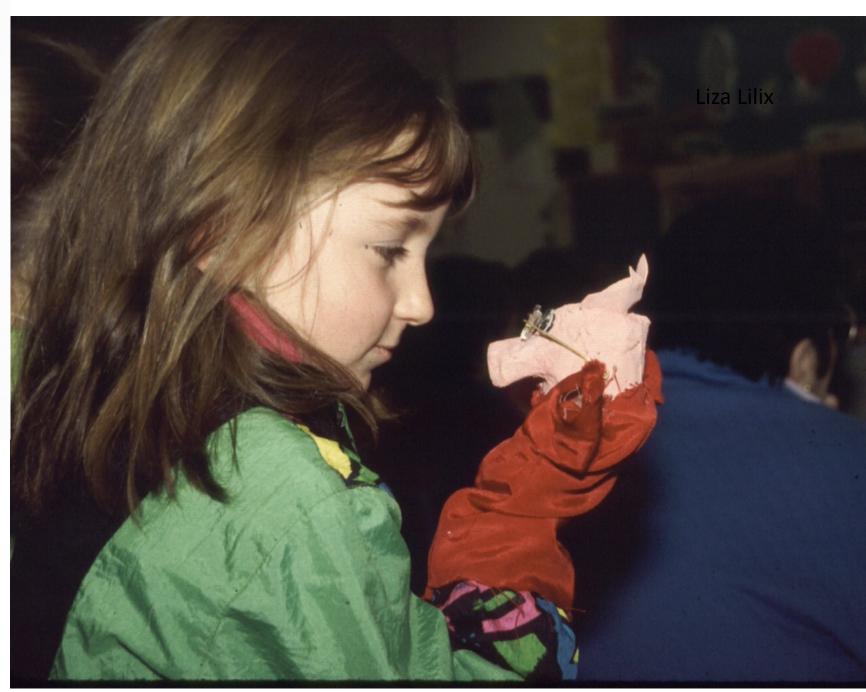


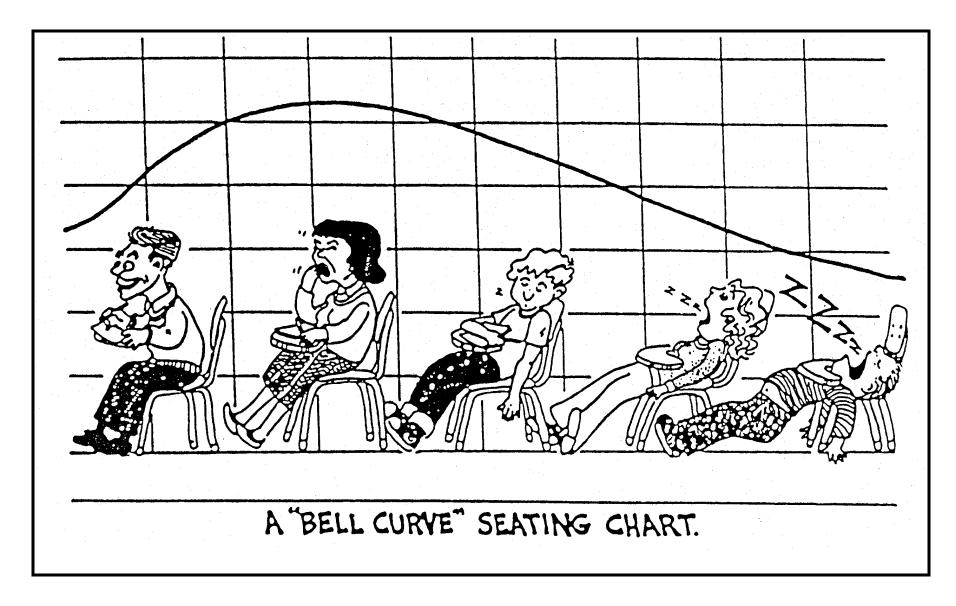
Join The Recyclers and become an expert in converting trash into *treasures*!

Be a Mother Nature Super Hero and Save the World!



Liza at 5, in her enrichment cluster, and at 34





From Get Off My Brain, by Randy McCutcheon, illustrated by Pete Wagner

# Goals of Compacting

- Create a challenging learning environment in the classroom and the enrichment programn for all children!
- Define objectives and guarantee proficiency in basic curriculum.
- Find time for alternative learning activities based on advanced content and individual student interest.



#### **Curriculum Modification For High Achieving Students**

Individual Educational Programming Guide The Compactor  Prepared by Joseph S. Renzulli Linda M. Smith					
Name:	Age:	Teacher(s):		Individual Conference Dates and Persons Participating in Planning of IEP	
School:	Grade:	Parent(s):			
Curriculum Areas to Be Considered for Compacting Provide a brief description of basic material to be covered during this marking period and the assessment information or evidence that suggests the need for compacting.	Describe activities that v	pacting Basic Material will be used to guarantee ic curricular areas.	Describe advanced-le	ion and/or Enrichment Activities ctivities that will be used to provide vel learning experiences in each area of the regular curriculum.	
Namelt	or0\	je <sup>It</sup>		change It	
No	PIO				
Check here if additional information is recorded on the reverse side.					

### Most above grade level students never learn to work

- When students encounter high levels of challenge, they feel scared and nervous and almost always revert to easier work—
- Some fortunate students encounter challenge earlier while others do not
- Encountering challenge in music/arts, sports, and academics is GOOD-

#### What can you do?

- Build opportunities into your lessons for students to work at different levels and explain where these opportunities are clearly.
- Tell your students how they can modify your unit or lesson to meet their levels. Give them examples of how they can differentiate to push themselves: Write more than I have asked it you can!
- Talk about what it means to push yourself academically, and then talk individual students about their levels, what they can do easily and what's hard for them, and explain to them the purpose of trying harder texts, tasks, and work.
- Encourage experimentation and effort and explain that this is how we all grow and become smarter.

#### **Teacher and Parent Roles for Talent Development**

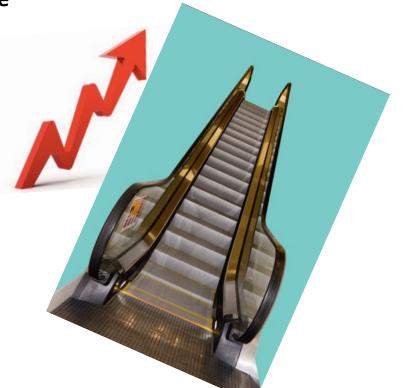
- 1. Serves as a coach, mentor, and "Guide-on-the-Side" for identified students.
- 2. Infuse the 3 Es into any and all learning activities

3. Support individual or small groups of students working on projects, performances, or other types of creative and investigative projects.

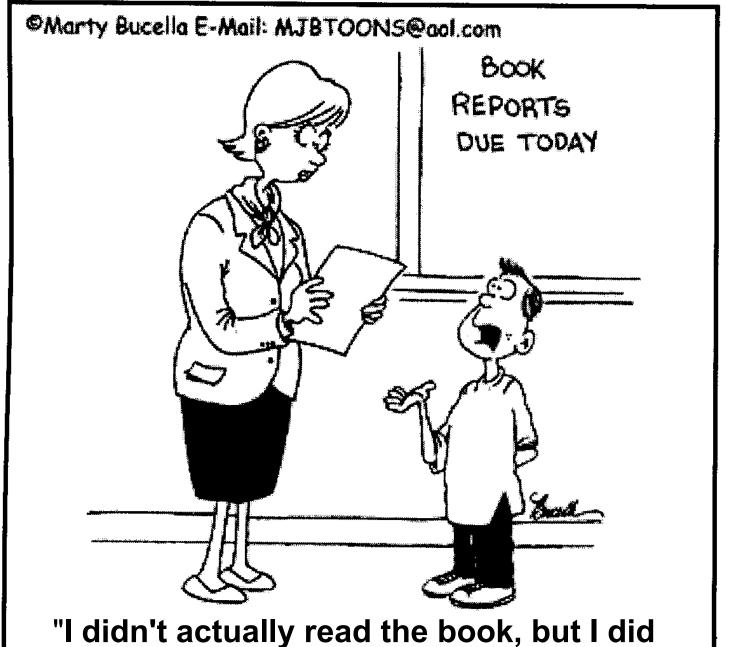




"The Resident Escalator"







"I didn't actually read the book, but I did play the video game loosely based on it."

### Components of the SEM-R Framework

Phase 1 - Exposure	Phase 2 - Training & Self- Selected Reading	Phase 3 - Interest & Choice Components	
<ul> <li>High-interest book hooks for read aloud</li> <li>Higher-order thinking probing questions</li> <li>Bookmarks for teachers with questions focusing on advanced thinking skills and reading skill instruction that is relevant to a broad range of literature</li> </ul>	<ul> <li>Training and discussions on Supported Independent Reading</li> <li>One-on-one teacher conferences on higher level reading strategy and instruction</li> <li>Bookmarks for students posing higher-order questions regarding character, plot, setting, considering the story, and other useful topics.</li> </ul>	<ul> <li>Introducing creative thinking</li> <li>Exploring the Internet</li> <li>Genre studies</li> <li>Literary exploration</li> <li>Responding to books</li> <li>Investigation centers</li> <li>Focus on biographies</li> <li>Buddy reading</li> <li>Books on tape</li> <li>Literature circles</li> <li>Creative or expository writing</li> <li>Type III investigations</li> </ul>	
Type I Activities	Type II Activities	Type II & Type III Investigations	

Complex Challenges

**2e Students** 

Distinguishing Strengths



### Our Research Team



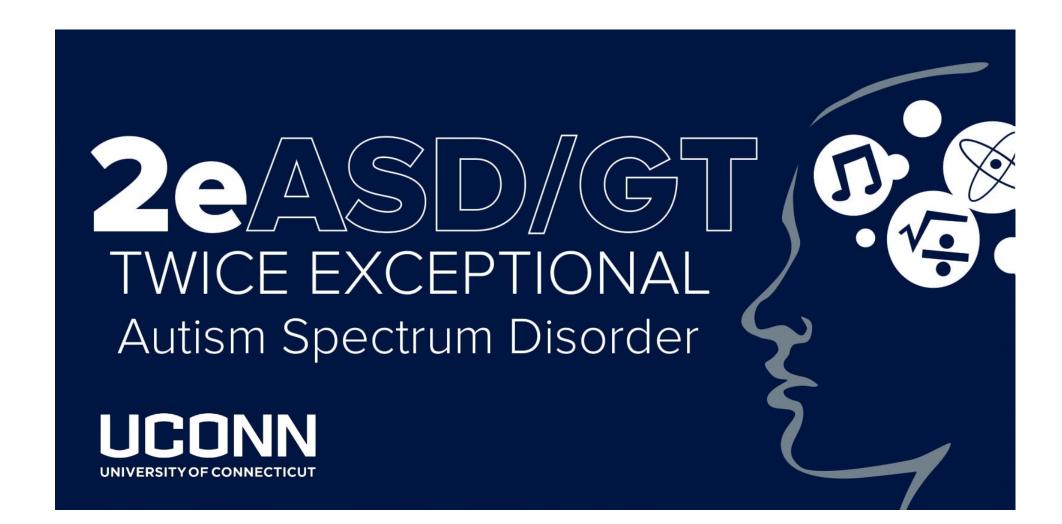








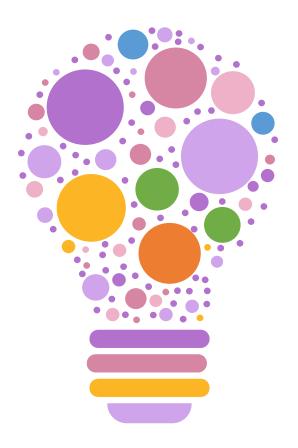
### What is Project 2e-ASD? https://giftedasd.project.uconn.edu





...It's not easy being green!

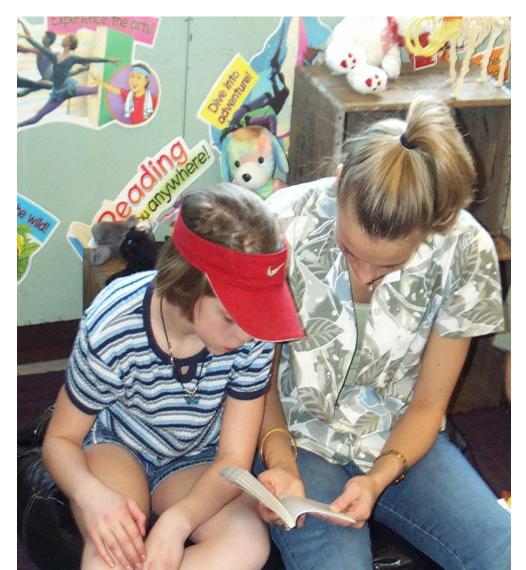
Most participants' academic talents were formally recognized, as over half reported that they had been identified as being academically talented in elementary or secondary school. The rest were recognized by their teachers and parents as having advanced and academic talents students but they did understand that they had academic talents, leading them to volunteer to participate in this study.



### Advanced Content Opportunities:

I had an amazing teacher who gave me opportunities to participate in projects. One of my mentors was a science teacher and she also gave me advanced opportunities. She gave me so many chances for advanced work. She let me apply science to the real world and to me, that was beautiful. She gave me the confidence to know that I could go beyond and to extra work. There were so many teachers who believed in me and gave me advanced courses and advanced independent projects. They gave me time to write short stories. They let me explore my strengths and interests. They nurtured me—they gave me a fluid opportunity. Many public schools are like conveyer belts, but my school was like the elevator in Charlie and the Chocolate Factory.

### Enrichment opportunities reduce underachievement



When gifted students underachieve, enrichment makes a difference, as 82% of underachievers studied reversed their underachievement after completing an interest-based project.

https://gifted.uconn.edu/schoolwide-enrichment-model/semresearch/



Enrichment opportunities that offer rich, challenging learning can make a profound difference in the lives of students (even when they participate for 2-3 hours each week).

### Theme One



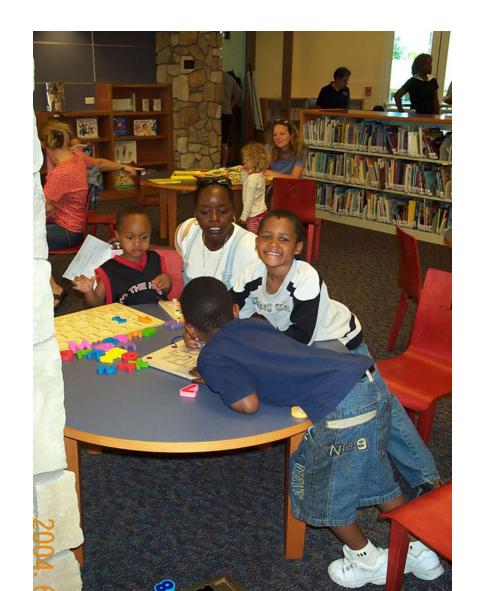
### Theme Two

When teachers use enrichment and strength-based approaches, learning is more engaging and enjoyable and all students can make continuous progress.



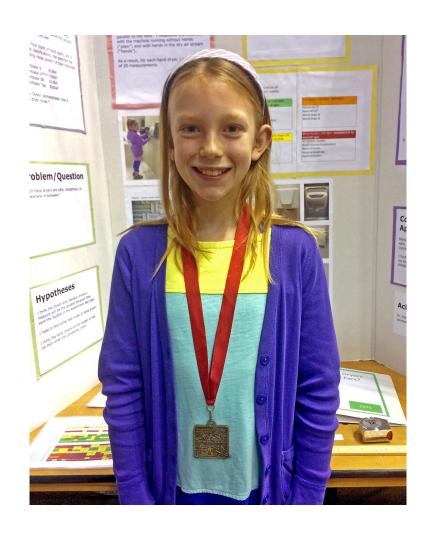
### Theme Three

The use of creative and joyful teaching and the arts does not result in lower test scores! Rather, achievement scores INCREASE when we use creative teaching methods and enrichment pedagogy.



# Theme Four

The most important predictors of subsequent creative productivity are the creation and enhancement of interests, the development of task commitment, and learning to use one's talents to improve the world.



# What kind of person do I want to be when I grow up?

Greta Thunberg, the Swedish teenage activist who has attracted worldwide attention with her campaign to fight climate change.



Winslow began collecting food instead of presents for his birthday. Soon, it led to him holding his first annual food drive drive where he collects thousands of pounds of food and money.



William was an eight-year old from Raleigh, North Carolina, set up a community wide food drive to collect food for BackPack Buddies, an Inter-faith Food Shuttle program providing lowincome students healthy meals on the weekend. Inter-Faith Food Shuttle is an innovative hunger-relief organization serving seven counties (Wake, Durham, Orange, Chatham, Johnston, Nash, and Edgecombe) in North Carolina.

#### Sidney Keys III

https://www.cnn.com/videos/tv/2017/12/15/cnnheroes-keys-young-wonder-orig.cnn/video/playlists/2017-top-10-cnn-heroes/

From a young age, Sidney
Keys III loved to read. But
finding characters he could
relate to was a challenge,
because most of the books at
his school library featured
white protagonists. "I'd never
been exposed to African
American literature in a fun
way," Sidney said.

He started a monthly book club for African American males called Books N Bros

https://www.booksnbros.co m/our-story



# Writing a book for a friend with cancer

When Naudia Greenawalt's friend was facing cancer, Naudia had a lot of questions. What kind of medicine would he take? Was it possible to get rid of the cancer? Would her friend still be the same goofy, fun-loving kid?



https://www.youtube.com/ watch?v=\_mJdjEwEQhg

## What Can You Do?

- ★ Build opportunities for exposure, enjoyment and talent development into every day
- ★ Create and peak your students' interests
- Ask yourself—how can I make this lesson or unit more enjoyable? How can I integrate students' strengths?
- \* Expose your students to important ideas and concepts
- ★ Encourage some students to go further and deeper if they are interested—supported struggle
- \* Encourage effort, focus and a love of learning—make it fun!
- ★ Make academic memories that last
- ★ Expose students/children to something interesting and fun each day—Did you learn something new today?
- ★ Develop and encourage students' strengths and interests





Abby at nursery school last year when the music teacher entered her class—let's do music enrichment with her both in school and at home!

I view our work in talent development in education as a war against educational mediocrity, conformity, and the societal institutions that knowingly or unknowingly contribute to the suppression of creativity, social justice, and the liberation of the human mind and spirit. Schools should be places for talent development and all students should have the right and the time to develop their talents.

Joseph Renzulli



? How do we create giftedness?

Always, Always In The Student's Area(s) Of Interest





# ENRICHMENT PEDAGOGY UNDERLIES OUR WORK

- Strength-based Instruction
- Critical/Creative Thinking & Problem Solving
- Creative Productivity
- Independent Study
- Finding and Pursuing Interests
- Depth and Complexity
- Small Group Advanced Explorations
- Differentiated Instruction Targeted to Needs
- Adjusting and Embracing Affective Differences
- Support for Social Emotional Needs and Development
- High level Questioning Skills
- Embracing Challenge and Supported Struggle



Children deserve the chance to make a difference in their community, the opportunity to solve problems for the common good, and the time to develop transformational talents that will make our world a better place to live.



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