

# Chantal Cravens

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**Psychedelic Synergy-  
The 60's, Creativity and Me**

***“I didn’t grow up gifted, at least not by name. I grew up being asked what was wrong with me.”***

*-Joseph Hughes, age 19*



# The art of questioning

personal  
curiosity  
HOTS  
challenge

POVs  
thought

William Golding has said, “The theme of *Lord of the Flies* is an attempt to trace the defects of a society back to the defects of human nature.

*“Based on your interpretation of the events in the novel, what are the principle defects in human nature that led to the breakdown of the boys’ ability to govern themselves and maintain order?”*



George (smart),  
Lennie (retarded)

```
graph TD; A[George (smart), Lennie (retarded)] --> B[Lennie accidentally kills a rabbit and crushes someone's hand]; B --> C[Gets scared and kills a woman]; C --> D[George knows an angry mob is after Lenny]; D --> E[Lennie gets 'released'];
```

Lennie accidentally kills a rabbit and crushes someone's hand

Gets scared and kills a woman

George knows an angry mob is after Lenny

Lennie gets 'released'

# Of Mice and Men (summary)

Do you think George made the “right” decision when he killed Lennie in the final scene of Steinbeck’s novel, *Of Mice and Men*?





# Sources for good questioning:

- <http://library.collaborizeclassroom.com/> Using a Facebook type platform to encourage responses to questions and prompts
- <http://changingminds.org/techniques/questioning/questioning.htm> Many different types of questions (Socratic, empowering questions, Kipling questions, etc)
- <http://www.engin.umich.edu/~cre/probsolv/strategy/cthinking.htm> Six types of Socratic Questions

# Collaborize



## The Platform

- Easy-to-use online learning platform. Launch a free site in less than 5 minutes!
- Safe and password-protected learning community for you and your students
- Keep the learning process fresh and interesting for students

# The creative individual- hallmarks

A word cloud of creative hallmarks. The words are arranged in a circular pattern and vary in size and color. The colors range from light green to dark red. The words include: 'creates', 'own-beat', 'improvises', 'humor', 'm-solutions', 'original', 'independent', 'invents', 'challenge-liker', and 'thinker'.

<http://edorigami.wikispaces.com/Visible+Thinking#Introduction>

-Creativity Routines Harvard- visible thinking CREATIVITY handouts

# *Xii* Individuals

1. Intellectually able
2. Incurably inquisitive
3. Excessive zeal in pursuit of interests
4. Emotionally insecure, intellectually self-confident



**PLAY**

ROBERT AND MICHÈLE ROO T-BERNSTEIN

# SPARKS *of* GENIUS

THE 13 THINKING TOOLS  
*of the*  
WORLD'S MOST CREATIVE PEOPLE

"A treasure trove of tools for exploring the world of creativity."  
—TODD CULLEN, author of *WORK LIKE A GENIUS*

DAUNTON PRESS



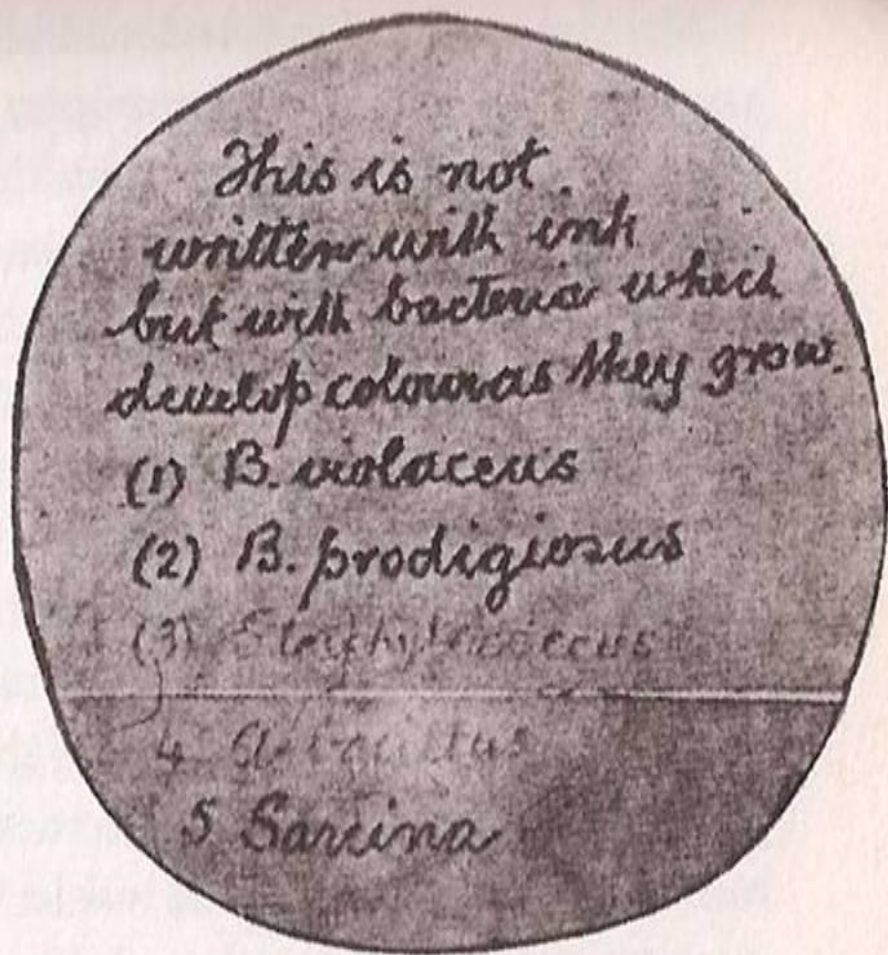


Fig. 13-1. Bacterial paintings by Alexander Fleming. The one on the right reads: "This is not written with ink but with bacteria which develop colour as they grow. (1) *B. violaceus* (2) *B. prodigiosus* (3) *Staphylococcus* (4) *A. bacillus* (5) *Sarcina*."



of shove-ha'penny. Nor did Fleming confine his playful spirit to after-hours only. He played at work — or, more accurately, he played *with* his work. “You treat research like a game,” his boss, Sir Almroth Wright, once said to him. “You find it all great fun.”

Wright may have been criticizing Fleming, or perhaps he was jealous. In any event, Fleming agreed wholeheartedly. Play was his style. He made up games within the game of science. “I play with microbes,” he said whenever anyone asked what he did. “There are, of course, many rules to this play . . . but when you have acquired knowledge and experience it is very pleasant to break the rules and to be able to find something nobody had thought of.” In this he was very much like ethologist Konrad Lorenz and Max Delbrück, one of the founders of molecular biology. Lorenz once told Desmond Morris, “Contrary to your Shakespeare, there is madness to my method!” His book *King Solomon's Ring* (1952) recounts truly outrageous situations — such as allowing his geese and ravens full run of his house — resulting in observations that no careful scientist would ever encourage, let alone report. Delbrück is famous for his “principle of limited sloppiness”: be sloppy enough that something unexpected may happen but not so sloppy that you can't tell what it was. For Fleming, bacterial play was a way of courting serendipity, that uncanny knack of finding valuable things *not sought for.*

for  
yell

↓  
“”

↙ \*



# Tumble Vision Kaleidoscope



Amazing! And it's FREE! ★★★★★

by Ct166hs - Version 1.12 - Nov 8, 2011

[Report a Concern](#) >

As a kaleidoscope collector for many years owning over 200 handmade scopes, I am astonished at the beautiful images this app provides! What a delight to watch it gently change or move it manually with a touch of your finger...also the size is pleasing to the eye on the iPad! And what a great feature to be able to play your iTunes music from the app while watching the pieces "tumble" on the screen. Truly relaxing! Loved this FREE app so much I went to their store to purchase 3 more fabulous images altho they generously give you 3 different styles for FREE! A-MAZING! Thank you developers for a very special & unique app. Would love it to have the ability to change mirror angles in the future.

[Less](#) ▲

# TumbleVision Kaleidoscope HD / Universal

## Description

A collection of handcrafted kaleidoscopes, filled with a carefully chosen selection of objects, no computer generated patterns here - explore the intricate patterns created by the tumbling interaction of real world objects, as only scopes of old could capture.

"TumbleVision HD is beautifully designed, is a treat to set up and use and is much more than a mere novelty. I truly am a child again and this is a nice early Christmas present for me. HIGHLY recommended" - pda-247.com

Featured on iTunes in four countries!

Free App



A way to  
have a  
synesthesia  
experience.



# The Man Who Tasted Shapes

- The Man Who Tasted Shapes is a book by neurologist Richard Cytowic about synesthesia.
- It is estimated that synesthesia could possibly be as prevalent as 1 in 23 persons.



**The Man Who Tasted Shapes**  
Richard E. Cytowic, M.D.



# Power and Conflict-

## *The Middle Colonies*

Questions for class discussion and reflection



1. The Middle Colonies were founded by the Dutch, searching for a northwest passage to China.  
*What does this have to do with gaining power?*
2. What hostile act occurred in 1664 at the city of New Netherland?
3. What statement can we make about money, power and conflict?
4. How are the desire for freedom and conflict related?
5. Why do you think there was conflict in New Jersey when it was split and changed from one leader to a group of 24 leaders?
6. What can we say about sharing power?
7. What views did the Quakers have about power and being peaceable? How does this relate to the Albert Einstein quote below?



**I am not only a pacifist but a militant pacifist. I am willing to fight for peace. Nothing will end war unless the people themselves refuse to go to war.”**

~ Albert Einstein

Create

---

Are creative  
endeavors a  
waste of time?



# Creative in a digital world



<http://edorigami.wikispaces.com/>

Andrew Churches' digital taxonomy, etc.! Great site!

# DOCUMENTING AND OBSERVATION METHODS

OPERATION: DECEPTION METHODS 2

STATUS:  IN PROGRESS  COMPLETED

Just in case someone is following you, create a detailed fictitious character for you to pose as to lead them astray.

Write your fake bio on the right-hand page (include an altered photo of yourself in disguise, that is, draw over it).

NAME: INSPECTOR MOFFAT  
OCCUPATION: PRIVATE INVESTIGATOR  
LOCATION: MIDDLEBURY, VT  
HOBBIES: COLLECTING PAPER, SPYING,  
CREATING DISGUISES  
LIKES: SECRET DOCUMENTS, RARE  
BOOKS  
DISLIKES: FACELESS CORPORATIONS,  
CONSUMERISM



PLACE  
PHOTO  
HERE

NAME:

DOB:

OCCUPATION:

LOCATION:

HOBBIES:

NICKNAME:

LIKES:

DISLIKES:

Finish This Book by Keri Smith



[www.picmonkey.com](http://www.picmonkey.com)



**Do our students  
care about  
creativity in the  
classroom?**

I want to be challenged, brain teased, until my mind gives in.

What we have here is pretty basic. I want to show

my creativity and my potential. I am a pretty creative

writer with a bolt load of ideas.





# Photo Mess

(I-pod and I-Pad)

Free!!

## Book Review:

Use this app to create a collage of images that relate to the book you read.

Give a presentation to the class and explain how these images relate to the book.



## Different Ending:

Create a different ending to the book.

Tell your story with pictures.

Give a presentation to the class describing your ending.

# Multimedia projects

Teach them how to create a FREE movie in MS Movie Maker!!

Don't know how? See here:

[http://www.bridgeportisd.net/depts/tech/cit/henson/hs\\_dw\\_newweb/movie%20maker%20handout.pdf](http://www.bridgeportisd.net/depts/tech/cit/henson/hs_dw_newweb/movie%20maker%20handout.pdf)

# Some ideas from the CAG

(California Association for the Gifted) ICONS:

A key thinking skill that goes with Analysis: **Judge with Criteria**- give kids criteria to judge something or have them create their own criteria.

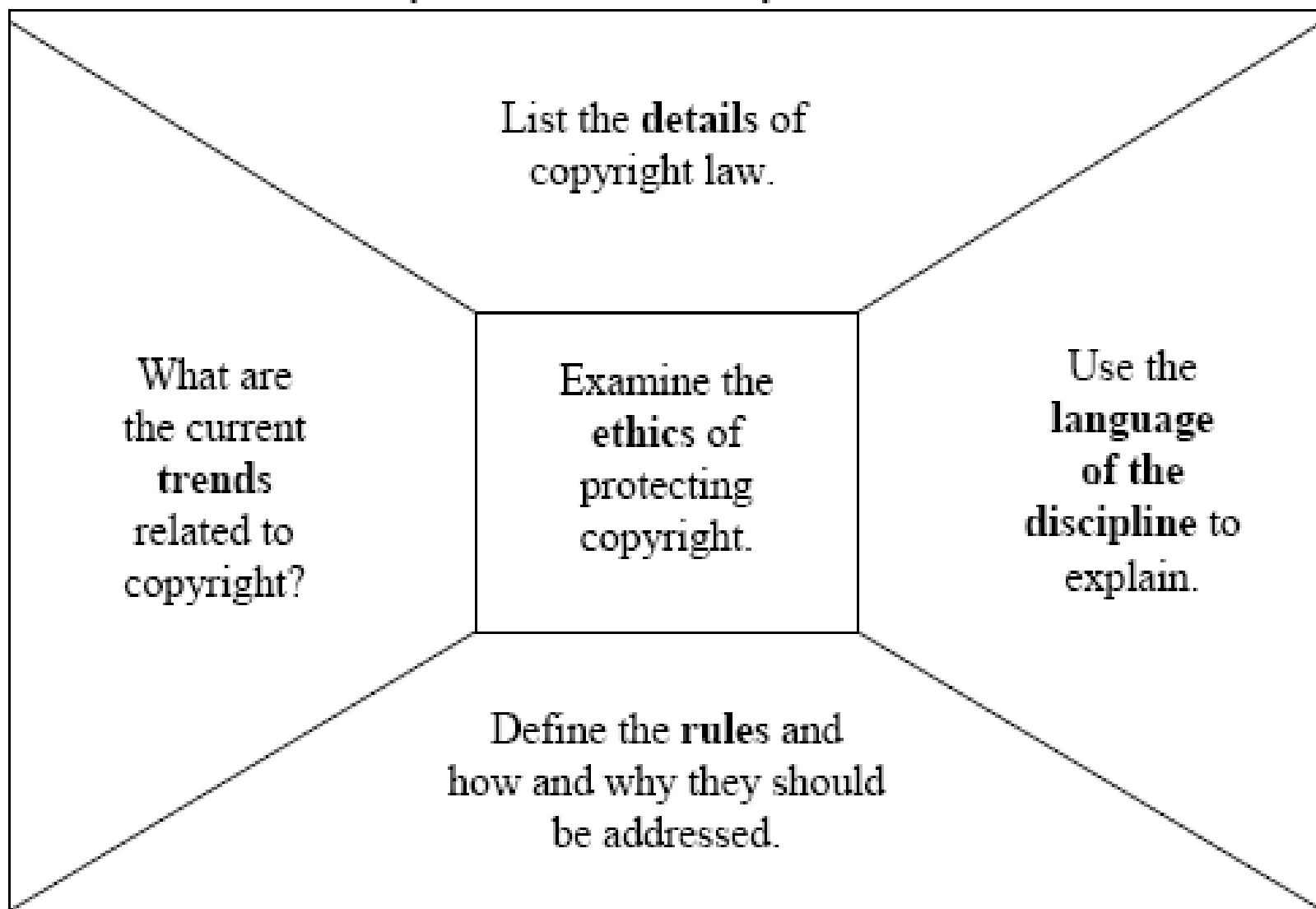
IE: What makes a car “good”?

**Reliability, gas mileage, how many people it seats, how much it can tow, what is costs to insure it, etc.**

Awesome resource for differentiated instruction- 46 pages with lesson plan ideas and posters:

<http://www.rosedale.k12.ca.us/view/3080.pdf>

## Frames Lesson Example for Secondary Students:



This is only one example of many activities from this resource:

<http://www.rosedale.k12.ca.us/view/3080.pdf>



Think Like  
Leonardo  
Da Vinci

The National Bestseller

How to  
Think like  
Leonardo da Vinci

"By capturing the very essence of Da Vinci's life and genius... Michael Gelb guides us in a discovery and understanding of the boundlessness of our own full human potential."

—Daphne Chaplin, author of *The Fall in Love and After Math, Thinking Mind*

Seven  
Steps to  
Genius  
Every Day

MICHAEL J.  
GELB

# Curiosità

- Keep a notebook or journal
- Carry it with you everywhere & Write regularly
- Supplement with magazine clippings, etc.
- Record your questions, observations, insights, jokes, dreams and musings



# Curiosità- 100 Questions

In your journal,  
make a list of  
100 questions  
that are  
important to  
you.

You may say I'm a dreamer  
But I'm not the only one



# Questions- Themes

- When you're done, you'll see themes emerge.
- Highlight the themes you identify.
- Are most of your questions about family? Business? Money?
- Choose your top ten questions.
- Now rank them in importance 1-10.
- Don't try to answer them at this point.



# UNDERSTANDING CREATIVITY

Jane Piirto, Ph.D.

## the creative epiphany

GIFTED MINDS, GRAND REALIZATIONS

BY ANN BROWN-SCOTT

With one life story written by

Ann Brown-Scott • Christine Marissa Cowler

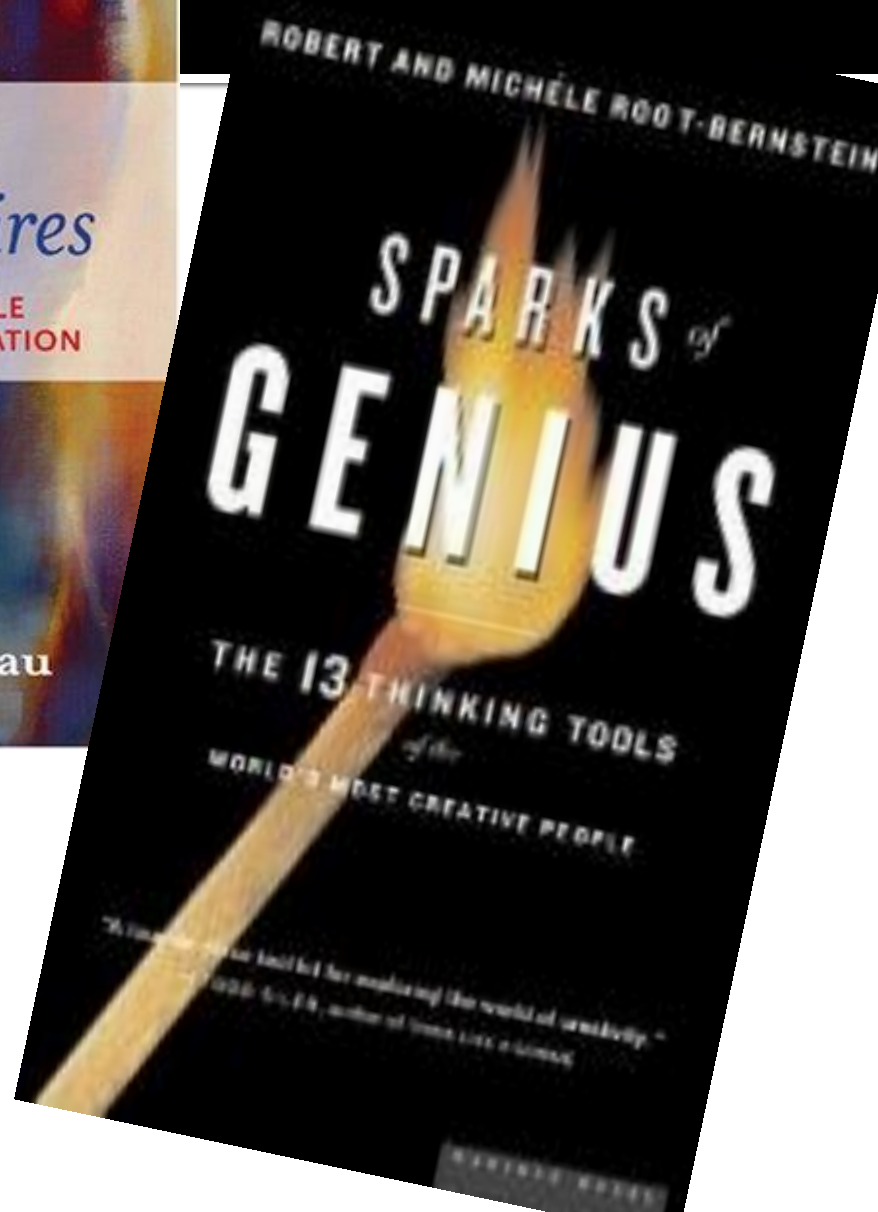
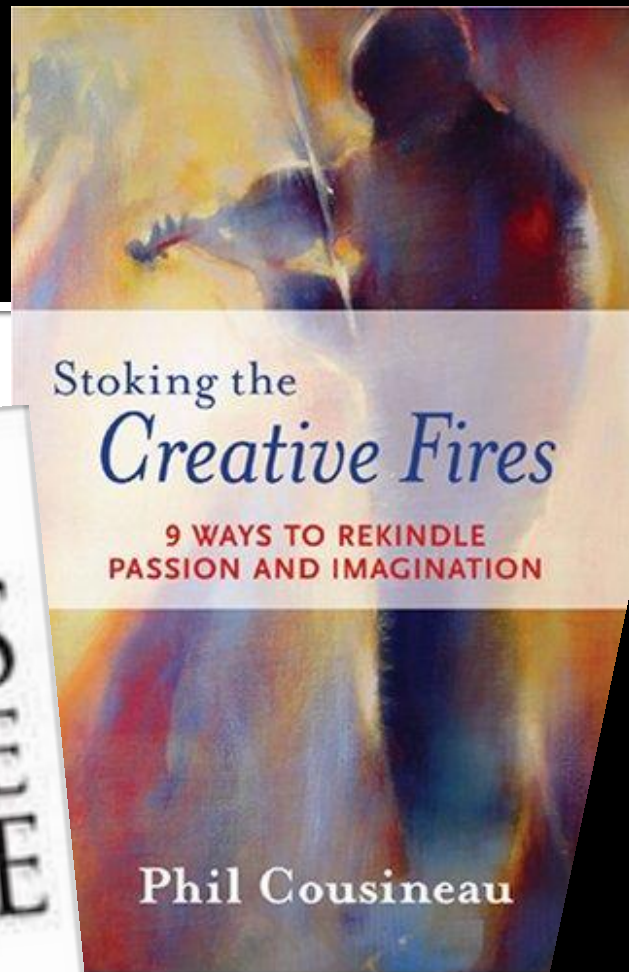
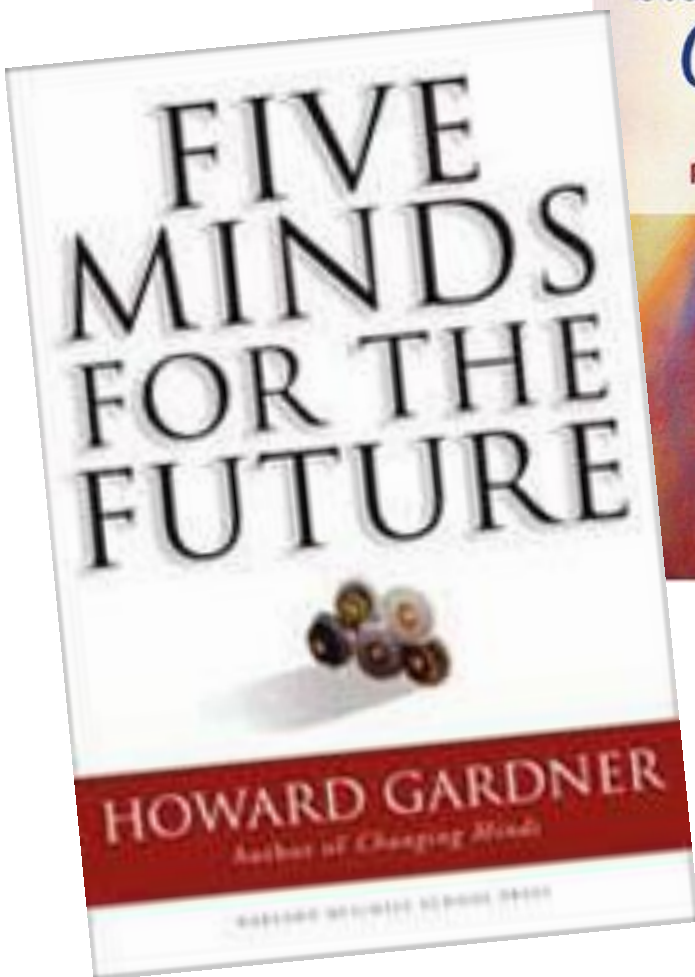
Allan C. Hand • Jane Jeter • Joseph Leigh • Howard Leibel

Jack Lightfoot • Al Miller • La Murray T. McQueen Morgan

Rick Neffert • John H. Wood • Harry Park • Sandy Pickett

Nigel Fothergill • Fred Guzik • Ross Kozlov

Sharon Page Schneider • Laura Sealand





# A Parent's Guide to **Gifted** Children



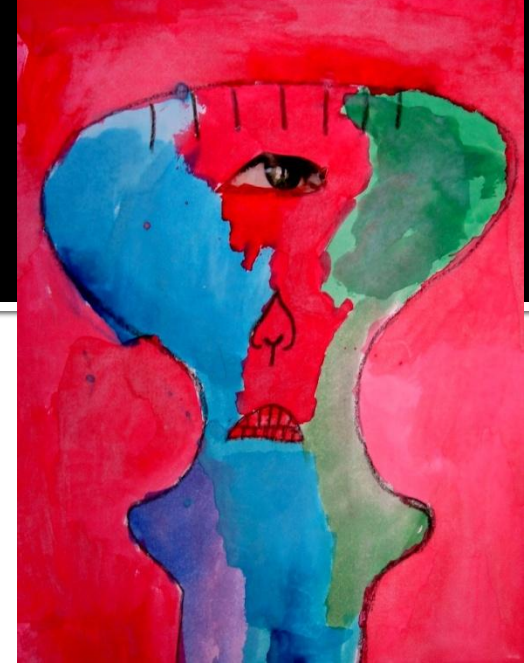
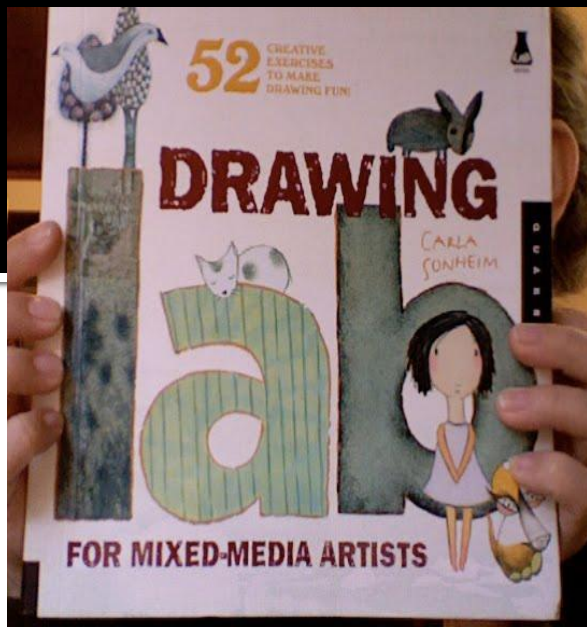
James T. Webb, Ph.D.  
Janet L. Gore, M.Ed.  
Edward R. Amend, Psy.D.  
Arlene R. DeVries, M.S.E.

# Living with **Intensity**



Edited by Susan Daniels, Ph.D. & Michael M. Piechowski, Ph.D.





One Eyed Monster, etc. [Drawing Lab](#) by Carla Sonheim





# Resources for teaching

- <http://www.criticalthinking.com/company/articles.jsp?code=p>  
Deductive and inductive thinking, writing skills, etc.
- <http://www.mindmapping.com/> Mind mapping
- Teachertube
- Youtube
- Discovery Education Streaming Video
- [www.sengifted.org](http://www.sengifted.org) Emotional needs of the gifted

# Credits:

- Books- I took the photos
- I pad apps: I tunes store- screen shots
- Kurt Vonnegut in his office (image):  
<http://www.scoop.it/t/science-fiction-research-resources?page=21>
- Pot of boiling water:  
<http://www.youtube.com/watch?v=le8CoRSe2eM>
- Drawing Lab(image of book):  
[http://www.paperandthreads.com/2010/08/drawing\\_lab\\_by\\_carla\\_sonheim\\_a\\_1.php](http://www.paperandthreads.com/2010/08/drawing_lab_by_carla_sonheim_a_1.php)
- Movies: student created in class  
<http://leclisse.wordpress.com/2009/03/04/the-beatnik-on-film/> Audrey Hepburn in Funny Face