

So what did you guys see?  
 if clockwise, then you use more of the right side of the brain and vice versa.  
 Most of us would see the dancer turning anti-clockwise though you can try to focus and change the direction, see if you can do it.

<http://www.youtube.com/watch?v=H4UJF2E>



**TheCaseSolutions.com**  
 The Case Solutions is a leading provider of case studies for business students. We offer a wide range of case studies from various industries and countries. Our case studies are designed to help students develop their critical thinking and problem-solving skills. We also offer a variety of resources, including articles, videos, and podcasts, to help students stay up-to-date on the latest business news and trends.

**TheCaseSolutions.com**  
 Creativity in Education

**Roger Willcott Sperry**

- **Left Brain**
- **Right Brain**
- **Left Brain**
- **Right Brain**



Ken Robinson

In this video, Ken Robinson suggests that the most creative ideas often come from those who are not trained in the same way as we are. He argues that education should encourage children to be curious and to explore, rather than to follow a set curriculum. He believes that the most important skill for the future is the ability to think creatively and to solve problems in new ways.

Ken is a school highlighting the positive of creative learning

"The only way to discover the limits of the possible is to go beyond them to the impossible" Bruce T. Lee

**Values**

- **passion**
- **spontaneity**
- **accepting**
- **vibrant**
- **open-minded**
- **self-confidence**

What are key advantages to creative learning?

Creating learning offers children:

- **Relevance**
- **Control of learning processes**
- **Ownership of knowledge**
- **Innovation**

"the higher the relevance of teaching to children's lives, worlds, cultures and interests, the more likelihood there is that pupils will have control of their own learning processes... If relevance, control and ownership apply, the greater the chance of creative learning resulting - something new is created, there is significant change or 'transformation' in the pupil" - i.e. 'innovation'. (Woods, 2002)

According to Robert Sternberg

- Creativity refers to a child's innovative thinking and can lead to the production of innovative beliefs.
- Child's giftedness in a classroom can be influenced by a motivating home background, compassionate classroom environment, understanding teachers, and goal role models and mentors. (Bragget & Bailey 2008).
- Sternberg as well as others see children's creativity as a way of sharing common foundations, although the level of creative input an individual student has to offer differs across a variety of areas from ability to achievement.



The only way to discover the limits of the possible is to go beyond them to the impossible" Bruce T. Lee

What other school are just there?

Montessori Australia

- Maria Montessori developed a distinctive system of education which was established around the hundred years ago.
- Currently around 200 Montessori education based schools and centres nationally and a majority are managed by community based non-profit associations.
- The concept of the Montessori system encourages children's discovery of learning and their independence through a learning environment of activities and materials which each child can utilize at their own rate.
- Montessori educational programmes offer children to learn from the stages of birth to three years old, three to six, six to twelve and twelve to eighteen years old.

**Montessori Australia Foundation's Vision and Goal**

- The Montessori Australia Foundation is a non-profit organisation that offers support services to Montessori schools, teachers and parents. The Foundation upholds continuous communication with all Montessori programmes across Australia.
- The Foundation shares its mission of the Association Montessori Internationale and succeeds "to support the natural development of the human being from birth to maturity enabling children to become the transforming elements of society leading to a harmonious and peaceful world"
- The Montessori Australia Foundation's goal is that in 50 years, by the time it is 2053, Montessori will be a self-governing system educating 15% of all children in Australia.

**Montessori Approach to Creativity**

Dr. Montessori describes the basic qualities of the creative individual by stating that, "the child possesses tremendous creativity which is directed towards becoming a developed individual, endowed with a sensitive soul, an eye that sees and a hand that dares."

- The Montessori viewed creativity within the context of total development which includes intellectual, artistic, emotional and physical.
- Dr. Montessori's sequencing of child development identifies the most significant areas of creative endeavours, these are the stages of the personality and the construction of a child's future.
- It is believed through the Montessori system that the classroom environment is the foundation for a child's creative process.
- With a child's full use of their mind, eyes and hands, they will become confident in their classroom environment.



"In natural but governing the development of a child's imagination and creativity are shown powers in the mind that develop as its mental capacities are established through its or her interaction in the environment."

**The Rules of Genius: An  
Innovator's Guide to Creativity  
TheCaseSolutions.com**

# TheCaseSolutions.com

“ the use of the imagination or original idea, esp. in the production of artistic work ”

“If you're not prepared to be wrong, you'll never come up anything original.”

"If you're not prepared to be wrong, you'll never come up with anything original."

"The great pleasure and feeling in my right brain is more than my left brain can find the words to tell you."

**TheCaseSolutions.com**

## LEFT-BRAIN FUNCTIONS

Analytic  
thought

Logic

Language

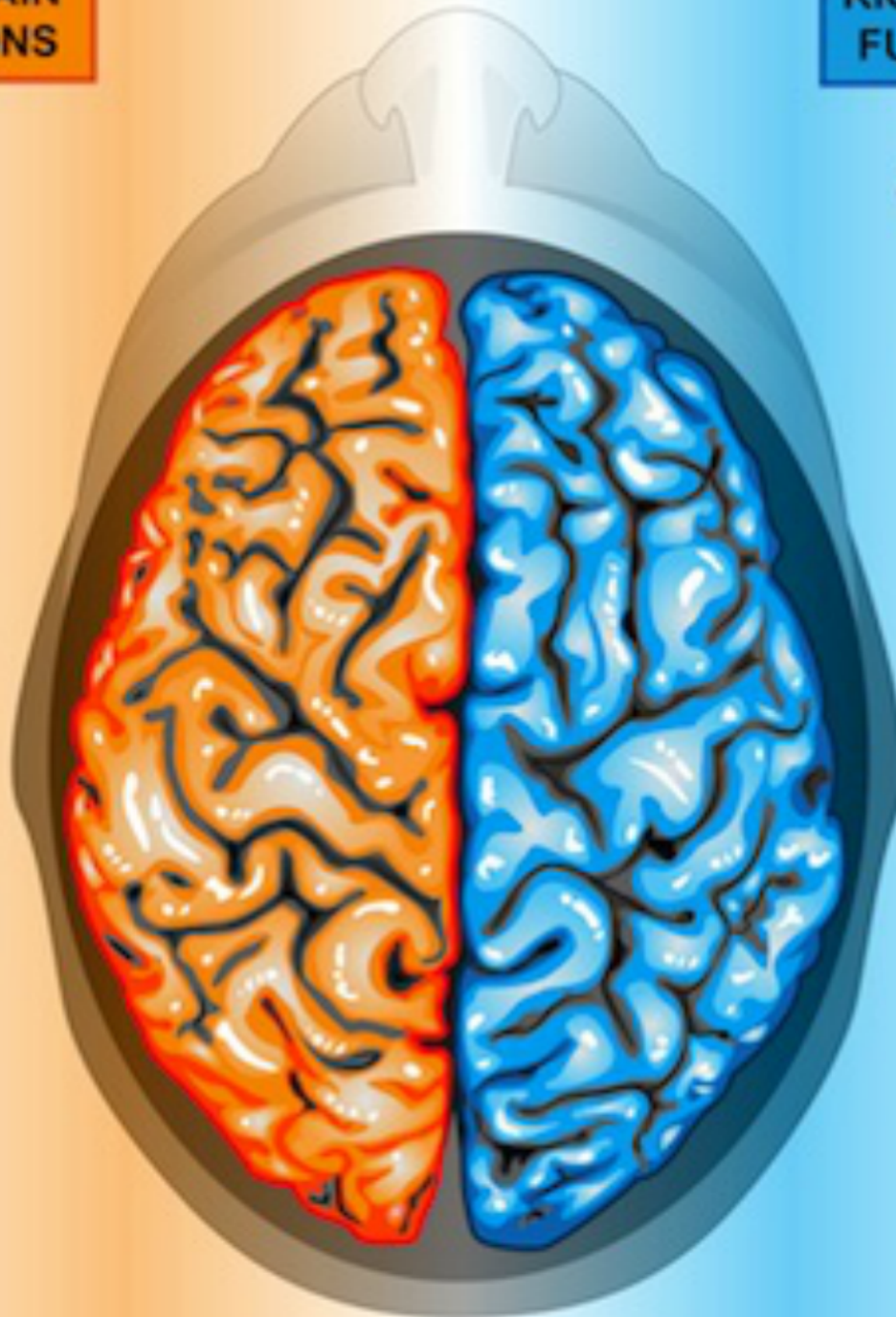
Reasoning

Science  
and math

Written

Numbers  
skills

Right-hand  
control



## RIGHT-BRAIN FUNCTIONS

Art awareness

Creativity

Imagination

Intuition

Insight

Holistic  
thought

Music  
awareness

3-D forms

Left-hand  
control

**TheCaseSolutions.com**

Activity!

OK this is a test . . . I  
Say the color, not the  
Word. Try till you get  
It right. Then post your  
Comment . . .

**TheCaseSolutions.com**

Creativity in Education

# TheCaseSolutions.com

- Experiments show that most children rank highly creative (right brain) before entering school. Because our educational systems place a higher value on left brain skills such as mathematics, logic and language than it does on drawing or using our imagination, only ten percent of these same children will rank highly creative by age 7. By the time we are adults, high creativity remains in only 2 percent of the population.
- Teachers are depriving students with the opportunity to develop both the left and right side of their brains, imagination can be utilized in maths and science, not just drama and the arts. This can give children the opportunity to experiment and find their passion.
- being creative can help students socially and influence them



ver the limits of the possible is to go  
possible." Arthur C. Clark

Values associated with creative learning!

**TheCaseSolutions.com**