

Dave Harris

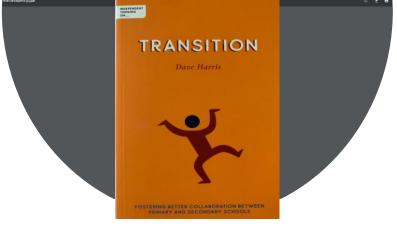
dave.harris@independentthinking.co.uk www.independentthinking.co.uk @bravehead

The Power of Wonder and Curiosity to develop learning



Who am 1??

- Managing Director of Independent Thinking
- Retired head teacher having worked for 30 years in deprived communities.
- Formed a 3-18 school by amalgamating a secondary, junior & infants in record time
- ❖ Author of "Are You Dropping the baton?"
- ❖ Author of "Brave Heads"
- Author of "Leadership Dialogues" 1 & 2 with Prof. John West Burnham
- Author of "Independent Thinking on Transition"
- Leadership consultant in over 15 countries
- Father of two wonderful 'touchstones'
- ❖ Believe that work without passion is pointless







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There Another Way

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The Second Big Book of Independent Thinking



Ian Gilbert

with Mark Anderson, Lisa Jane Adies, Phil Beaelle, Jackie Becov, vo The Real David Cameron, Paul Clarke, Tair Coirs, Mark Crouss e Harris, Crista Hazell, Martin Illingworth, Nina Jackson, Debra Kidd, Jonathan Lear, Trisha Lee, Roy Leighman,



STIMULATING CONVERSATIONS TO SUPPORT LEADERSHIP

AND DAVE HARRIS



INCLUSION ACTIVISM Thinking OPPORTUNITY SAFETY Entitlement Music Superation FAILURE Loneliness Empathy Deoposit Novels environment

POVERTY, EDUCATION AND ALTERNATIVE VOICES

MGR Pedagogy Hope Damage 19311111 Barriers Class Pride INEQUALITY Neerls Community Identity YEACHERS Family Belonging Race Guilt Respect Pleasure SOL IDARITY SWE Acceptance power Gifts Happiness Destro Loncliness Agent Dyopout Dreams Research Quthenticity System DIE? Thinking , Music Language INCLUSION Aspiration ACTIVISM Empathy W

Entitlement SAFETY Pedagogy environment

FAILURE Hope Damage 19311117 Barriers Pride Class

Community Race Pleasure Identity YEACHERS Family SOLIDARITY Needs Respect Guilt Gifts SWE Acceptance INEQU

power Agency Breams Dropout Loneliness Happiness Destrug P

IAN GILBER

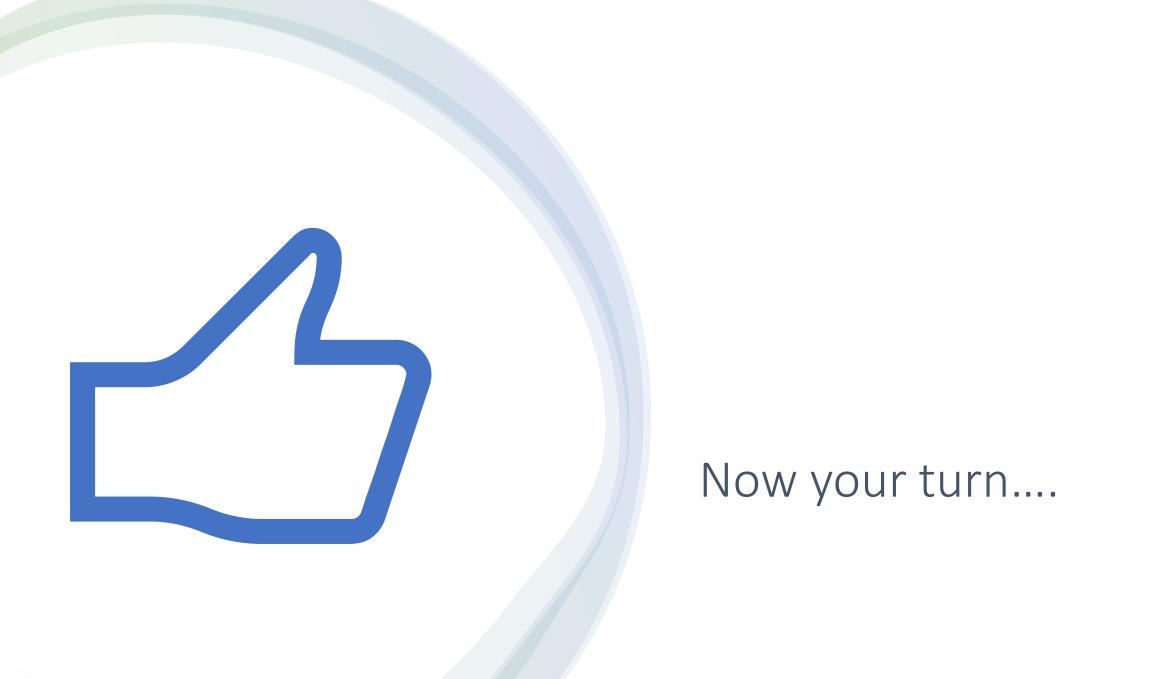
How about some more interesting facts?

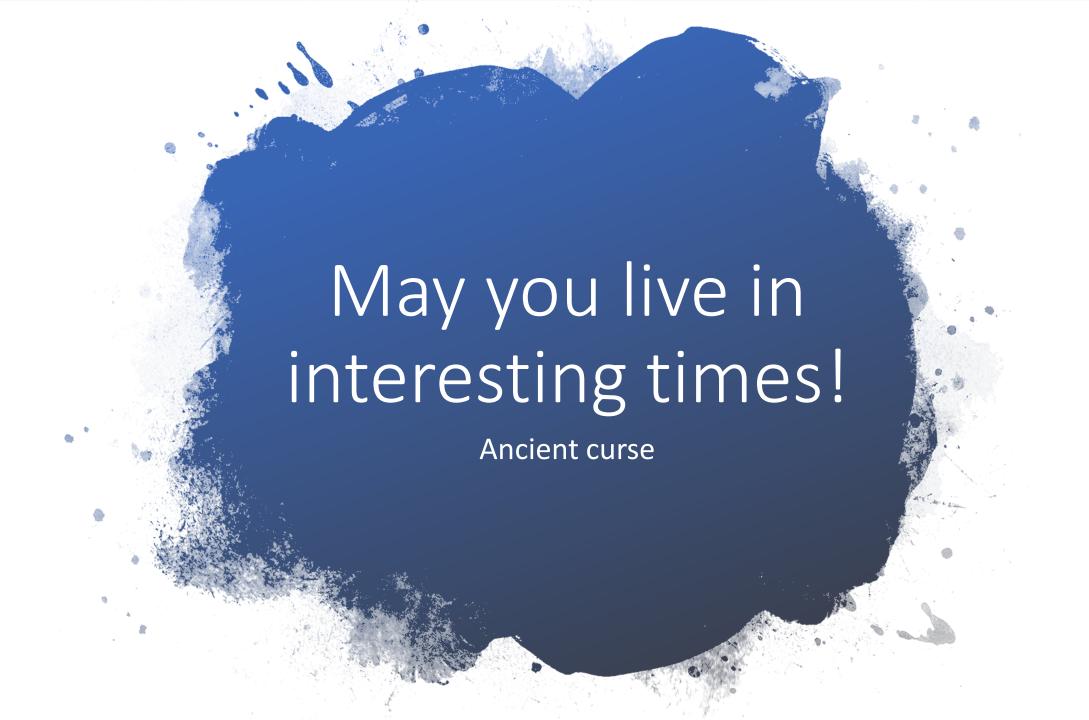


Who am I really?

Which of these is not true:

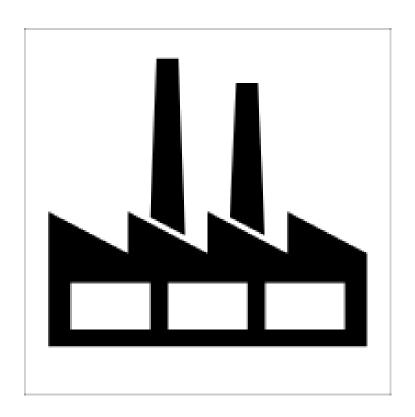
- 1. I was once a ballet dancer
- 2. I am a semi-professional singer
- 3. I was on a TV programme about Sex Education with Davina McCall
- 4. I once castrated a rock star's cat
- 5. I used to work in a cattle market





Communication/Information society Beginning to take shape

Industrial



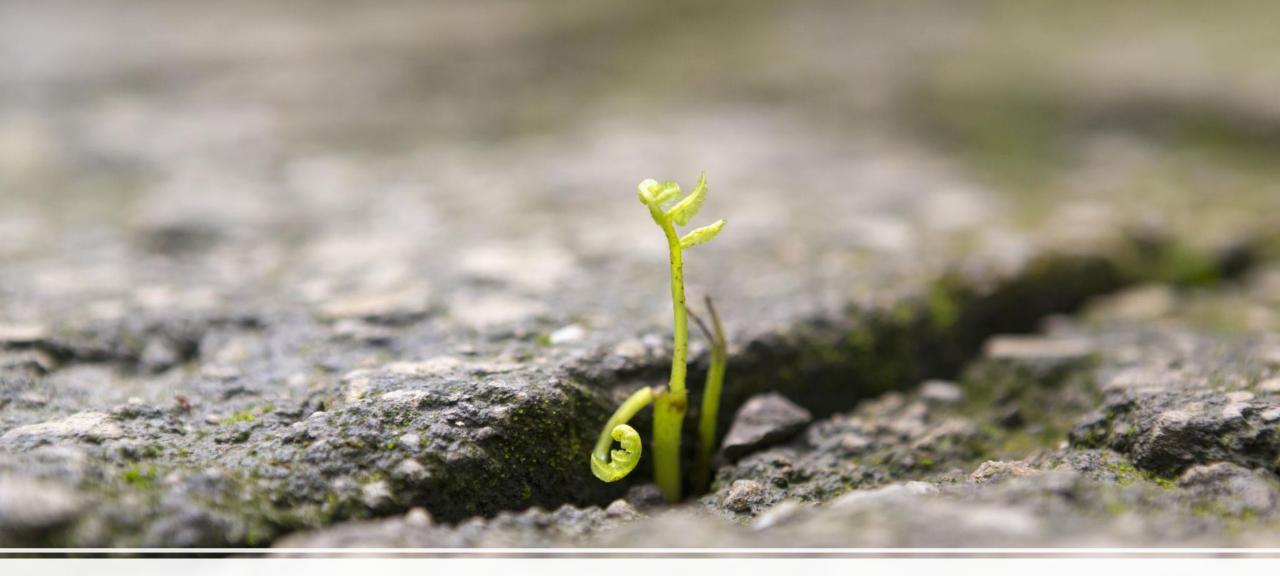
V

New Society



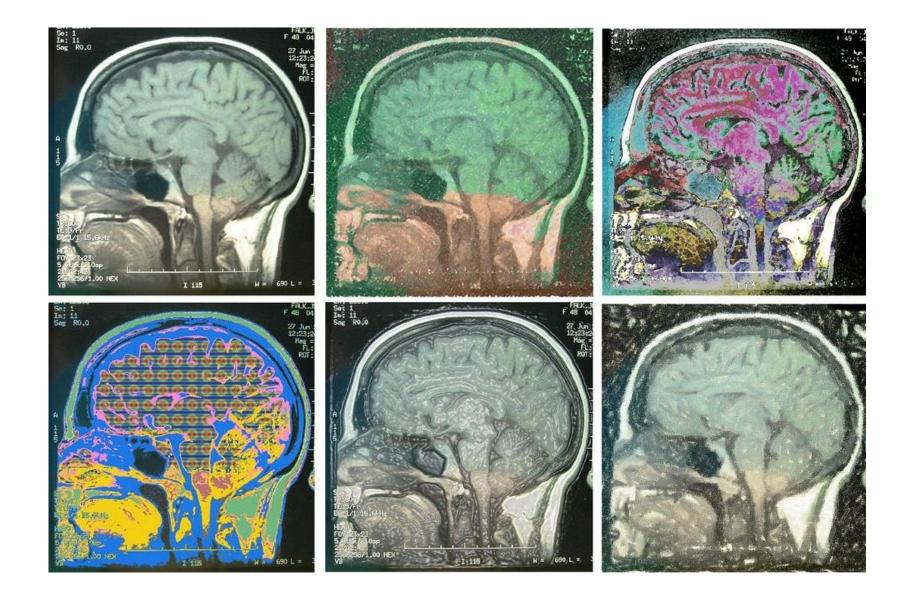
We need to be clear what education is for?





So how do we grow great learners?

Does the brain require change at a particular age?



It is not a question of growing wiser as you grow older. This is a thoroughly misguided concept.

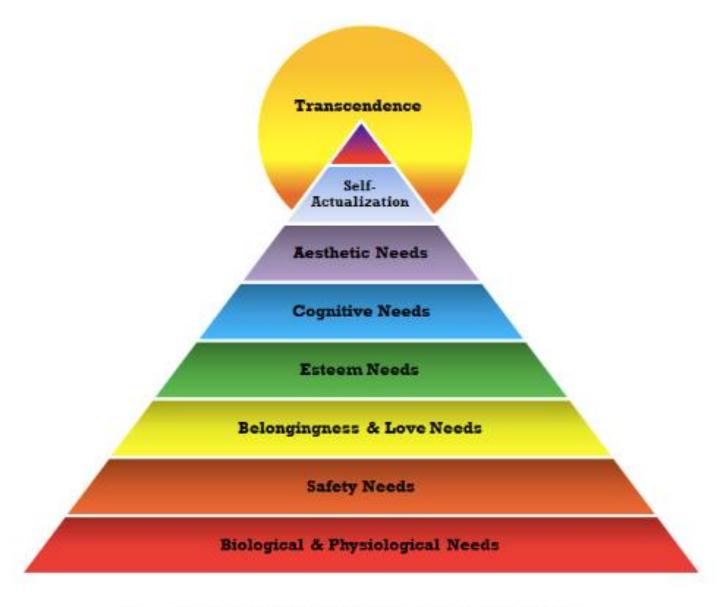
There are, after all, some very stupid old people.



We are not just trying to grade you, we are trying to grow you

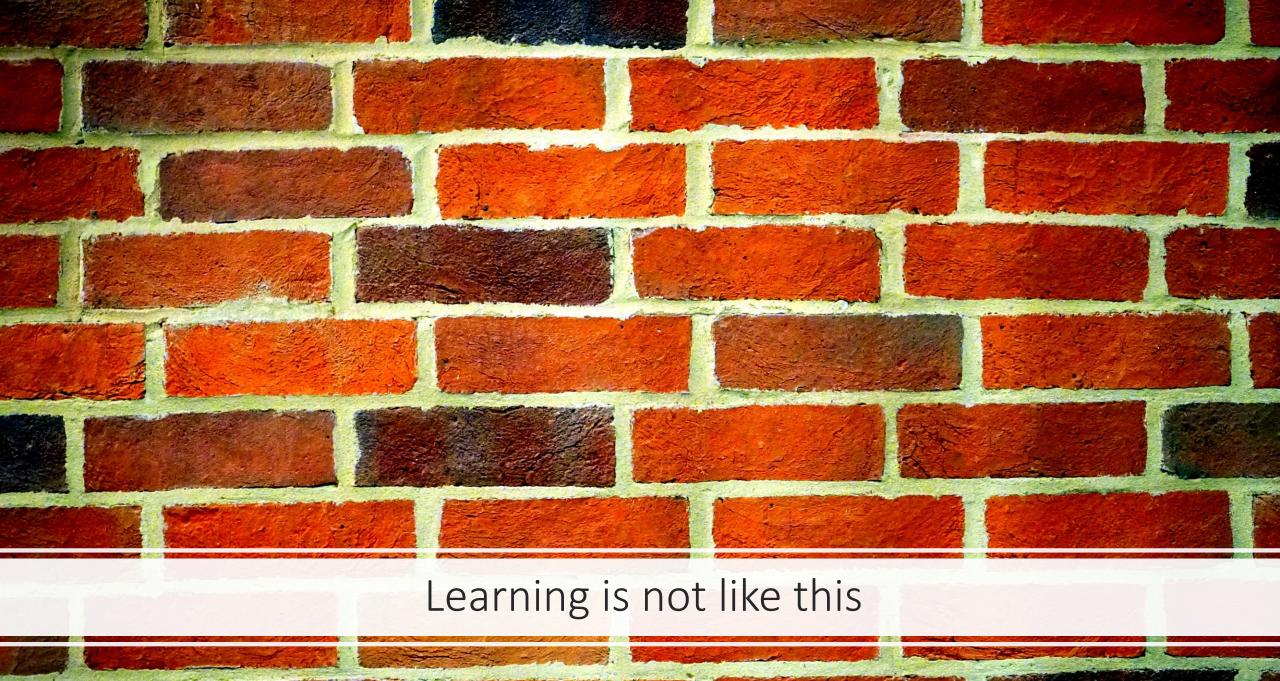
"No-one ever grew as a result of being measured"



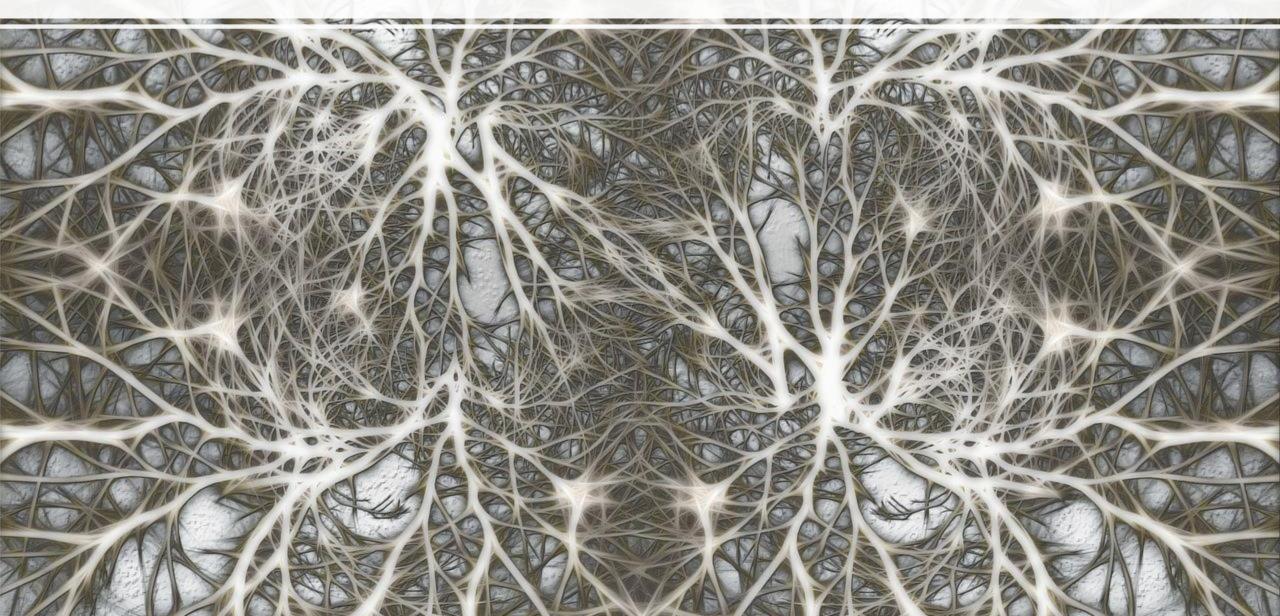


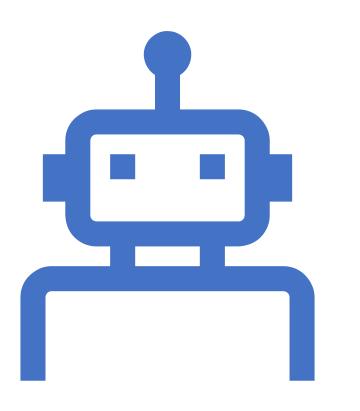
Maslow's Hierarchy Of Needs Pyramid





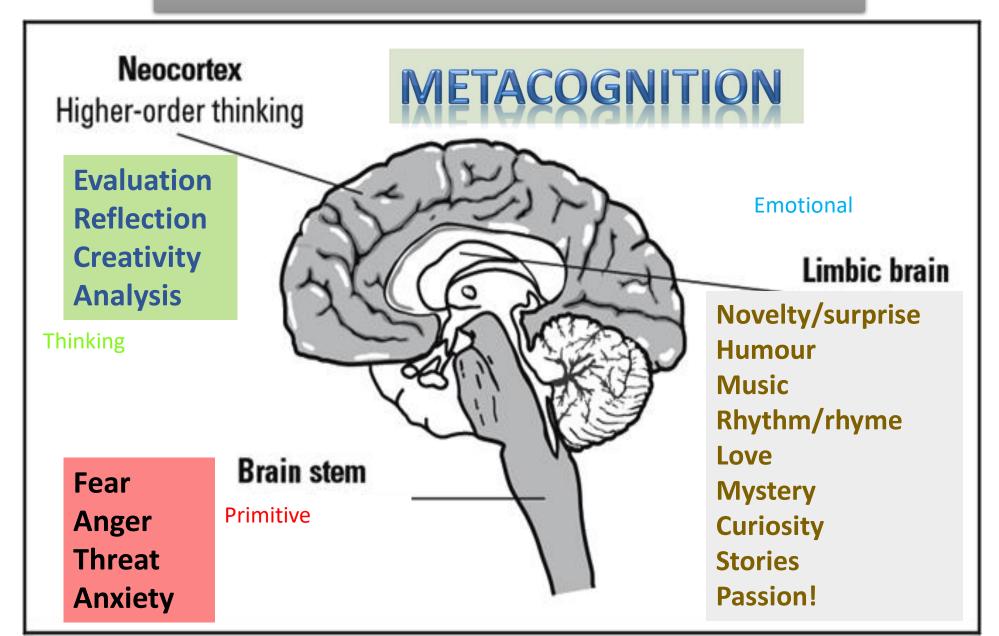






What is the most important thing you want kids to learn?

The learning brain

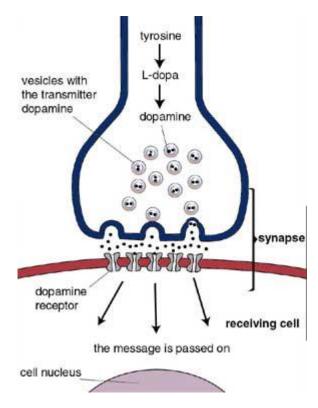




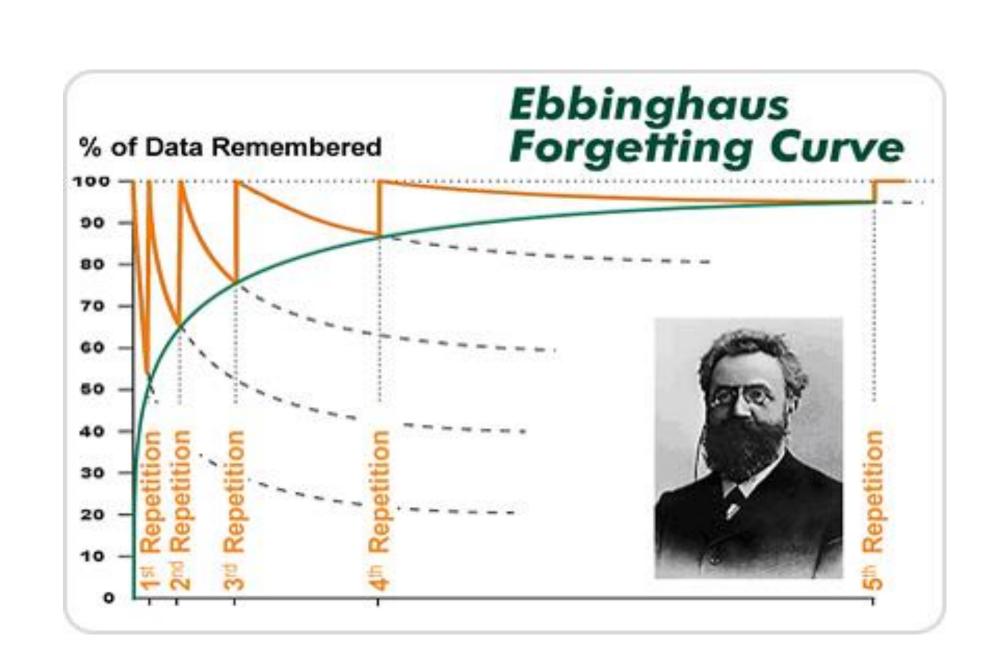
What about engagement?

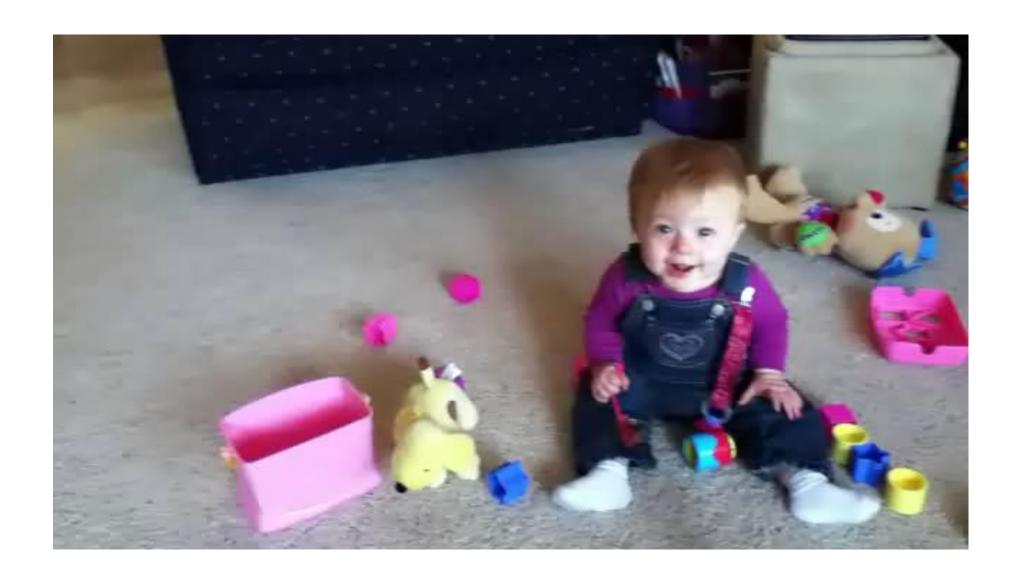
Type of engagement	Identifying traits	Tally	Number	%
Authentic engagement	Students are immersed in work that has clear meaning and immediate value to them.			
Ritual compliance	The work has little or no immediate meaning to students, but there are extrinsic outcomes of value that keep them engaged.			
Passive compliance	Students see little or no meaning in the assigned work but expend effort merely to avoid negative consequences.			
Retreatism	Students are disengaged from assigned work and make, no attempt to comply but are not disruptive to the learning of others.			
Rebellion	Students refuse to carry out the task, act disruptively and attempt to substitute alternative activities.			

The dopamine effect



Improves learning 15 minutes before & after!







Thunks

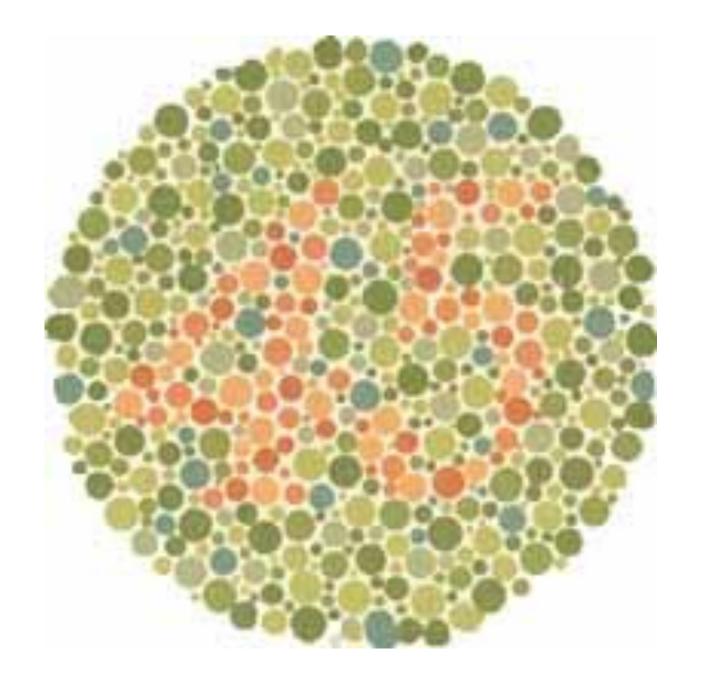
- Is there more future or past?
- In a dark room what does a mirror reflect?
- Can you touch the wind?
- Is there more happiness or sadness in the world?
- Can you feel happy and sad at the same time?
- If I read a comic in a shop without paying for it is that stealing?
- If we borrow every single book from a library is it still a library?
- Is it ever OK to cheat?
- Which has the greatest volume happiness or / sadness?

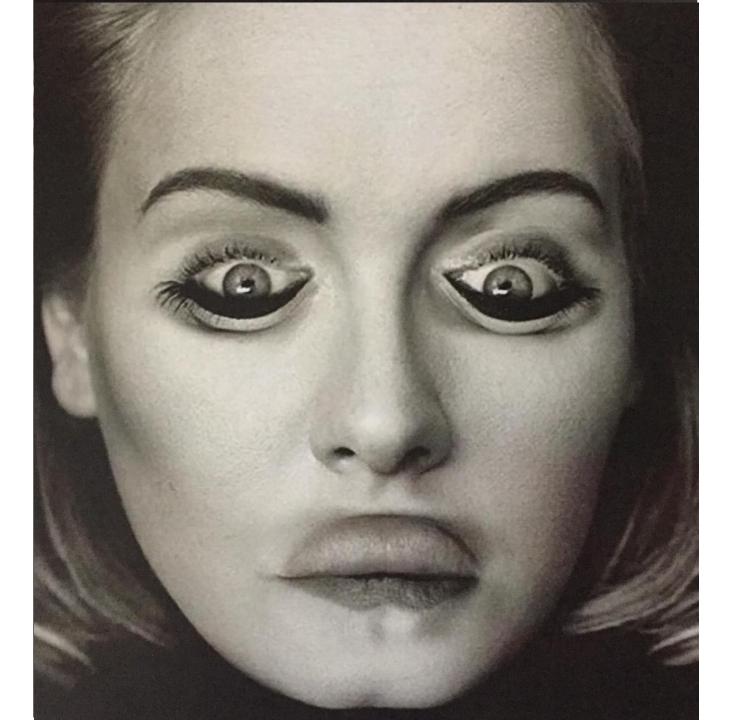






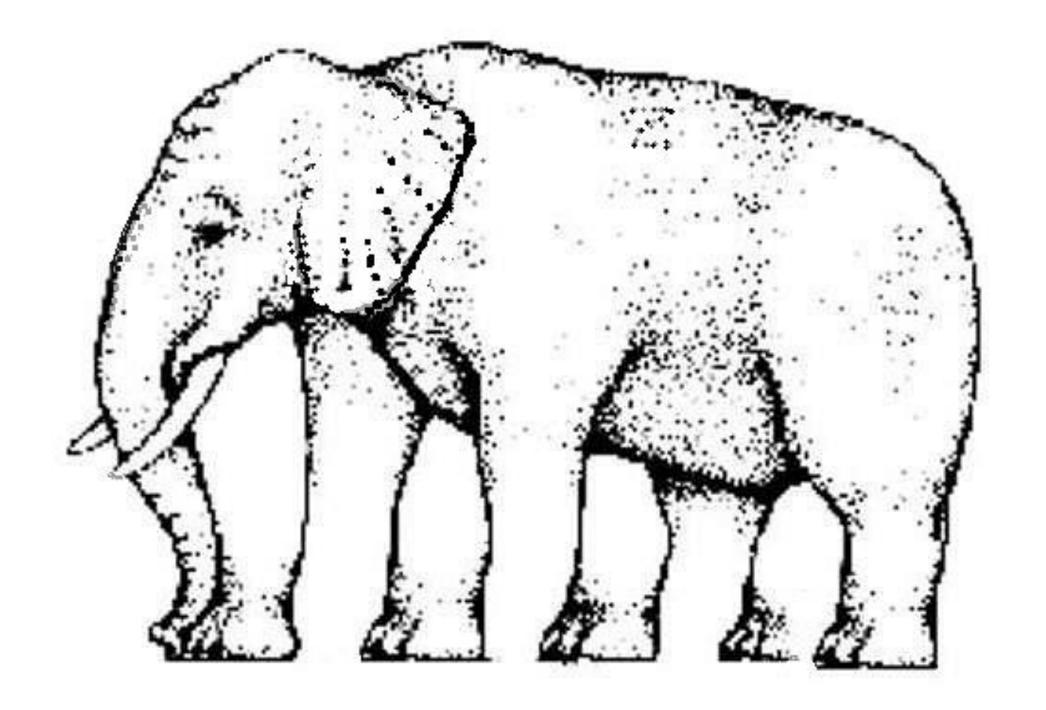




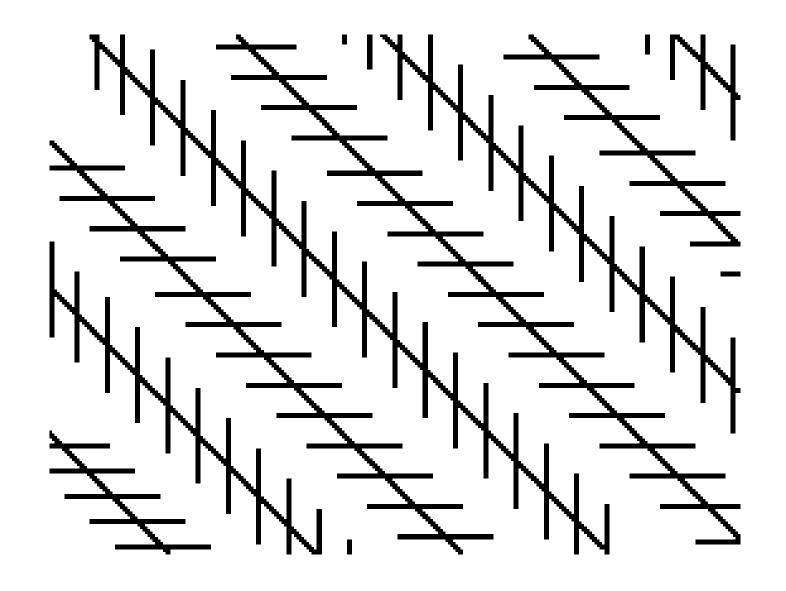




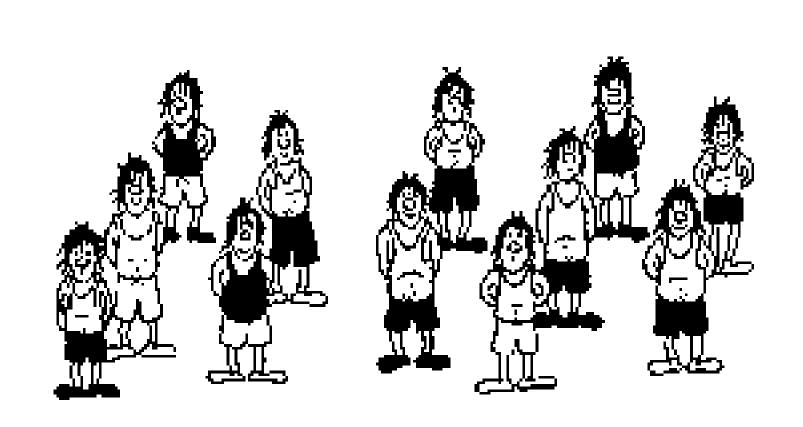




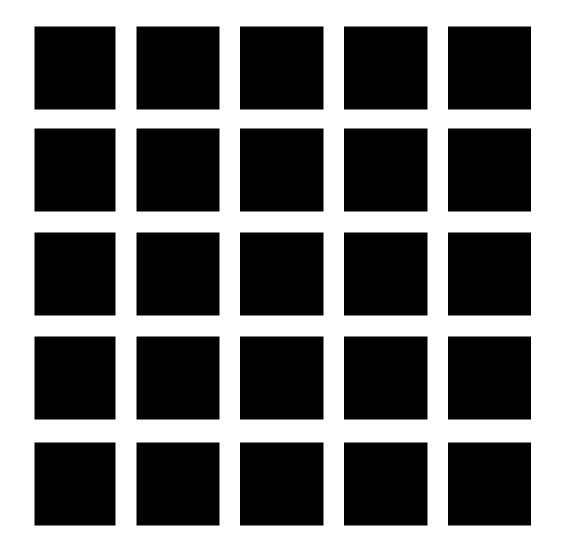
The diagonal lines are parallel. (Zöllner illusion)

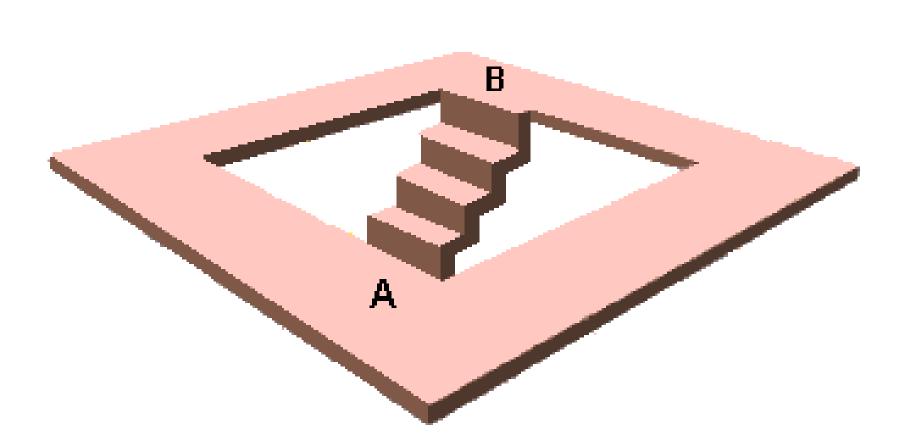


Can we trust our own brain?



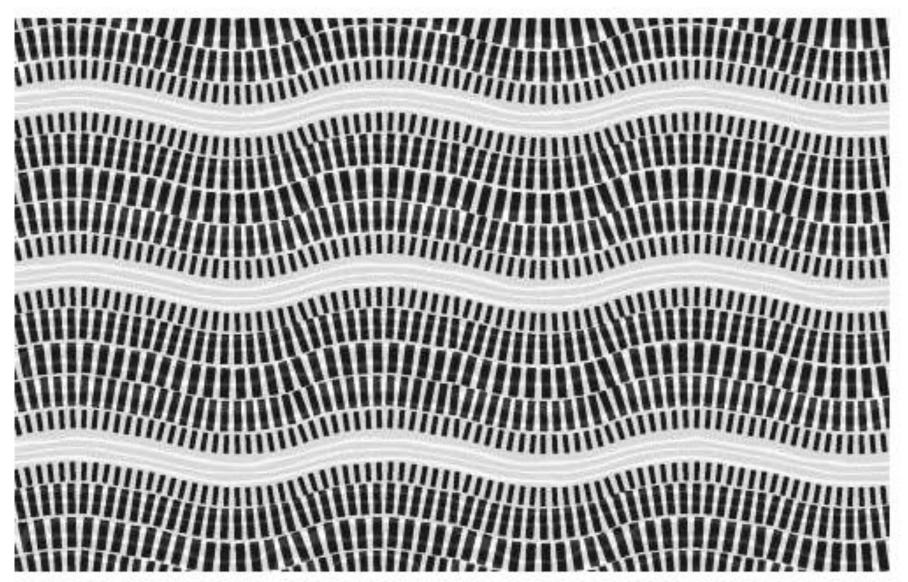
There are no gray spots at the corners of the squares.





Three Streams.

Apparent movement of the streams is created by afterimages as our eyes shift to examine the picture.



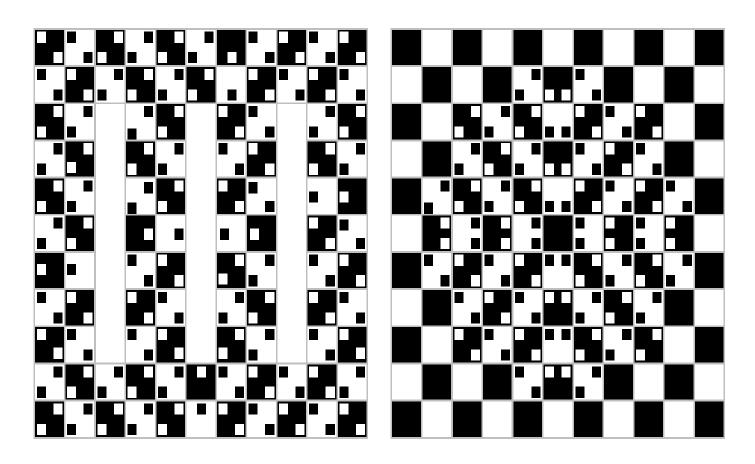
Blue-Green Illusion.

This image has only three colors. What appears to be blue and green is actually the same color. The altered perception is caused because the eyes combine adjacent colors.

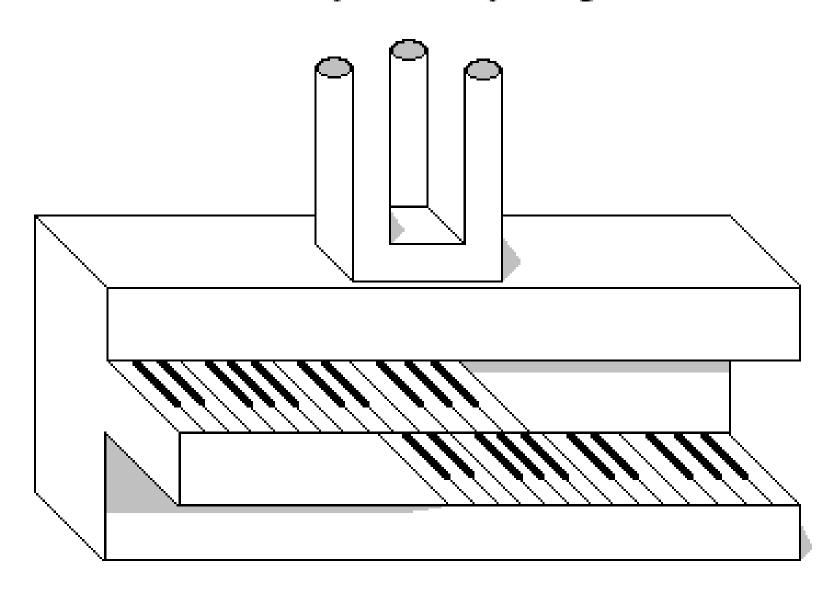


Warped Squares?

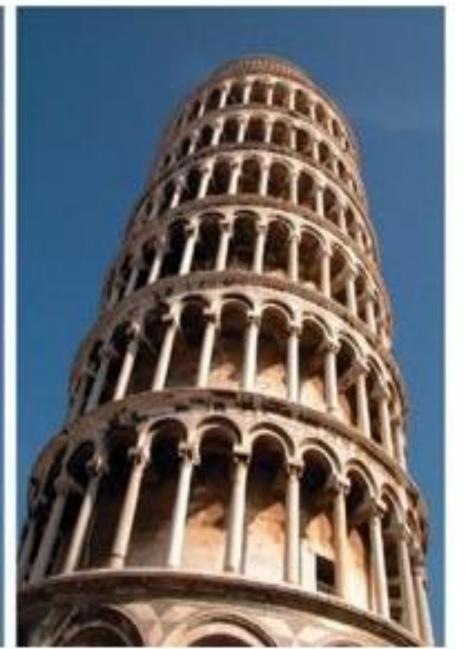
There are no curved lines in these figures. You can use a ruler to check it out. The diagonal patterns created by the tiny squares distort the perception of the pictures.

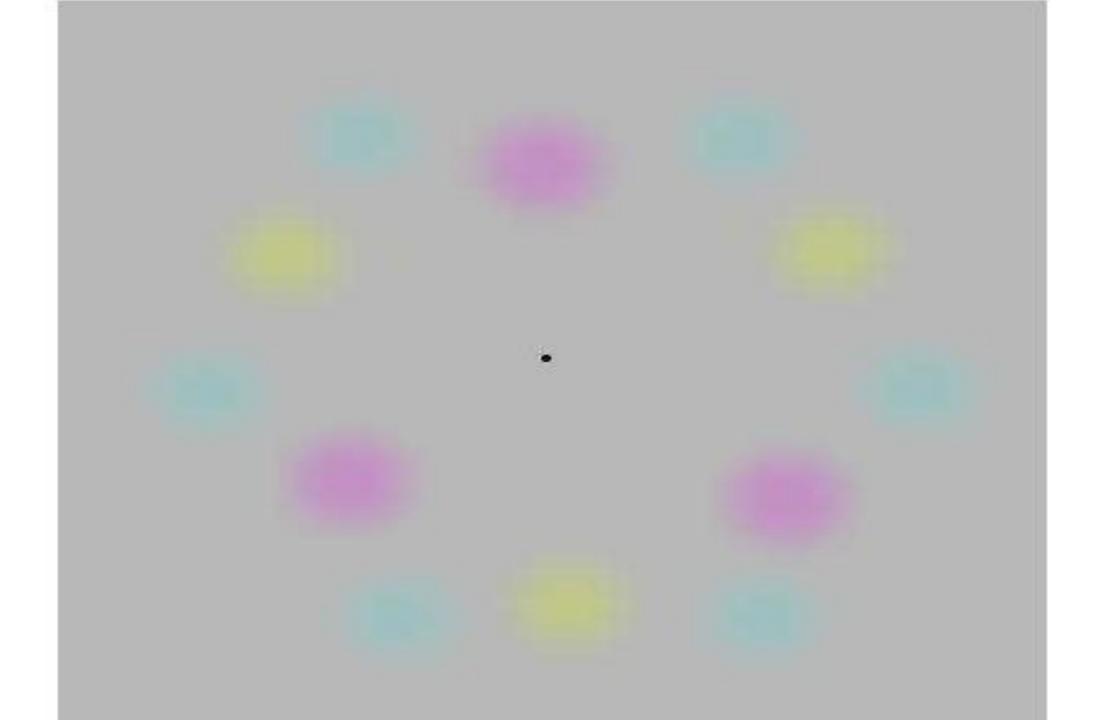


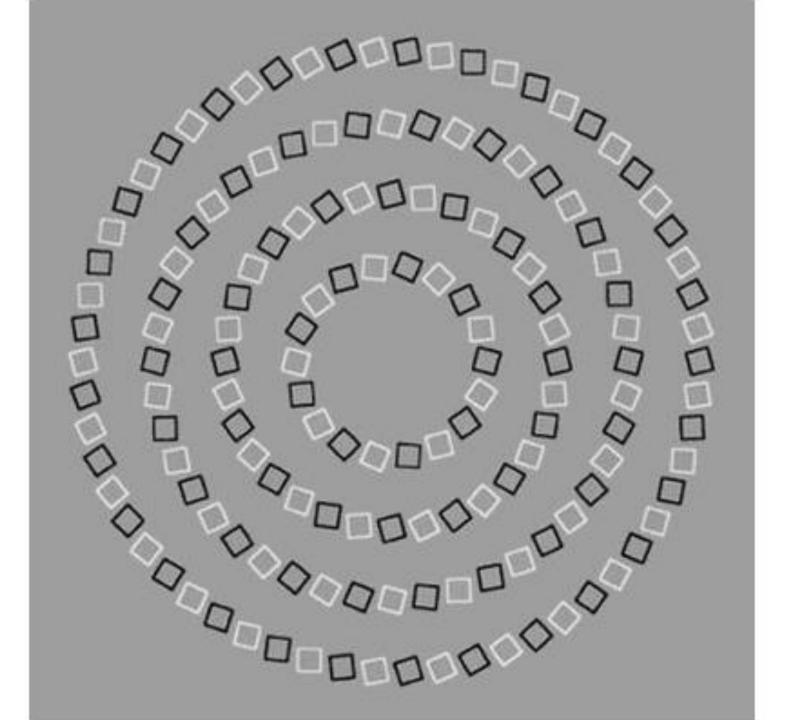
Two-keyboard Pipe Organ

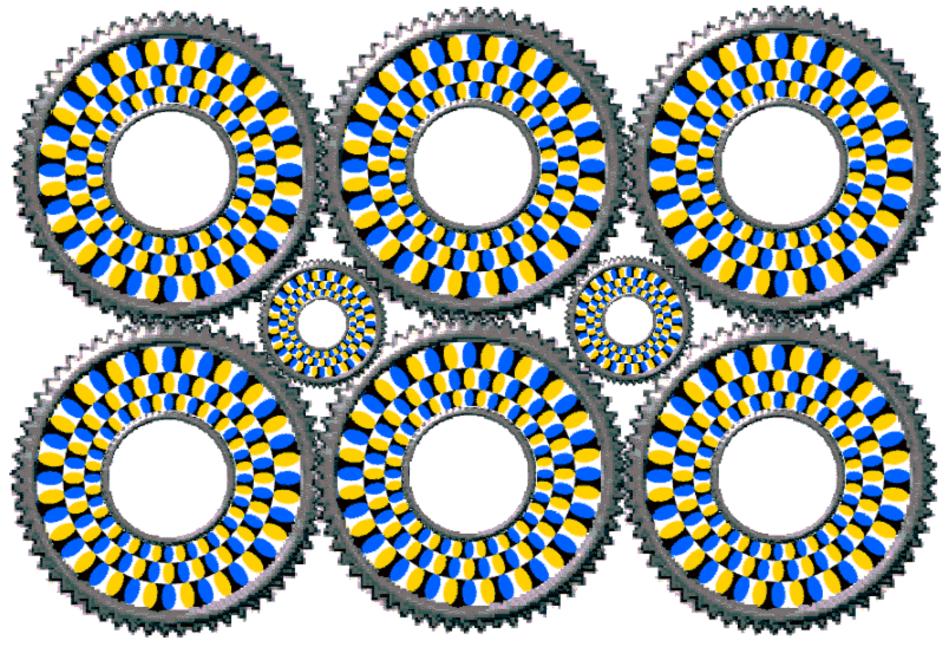






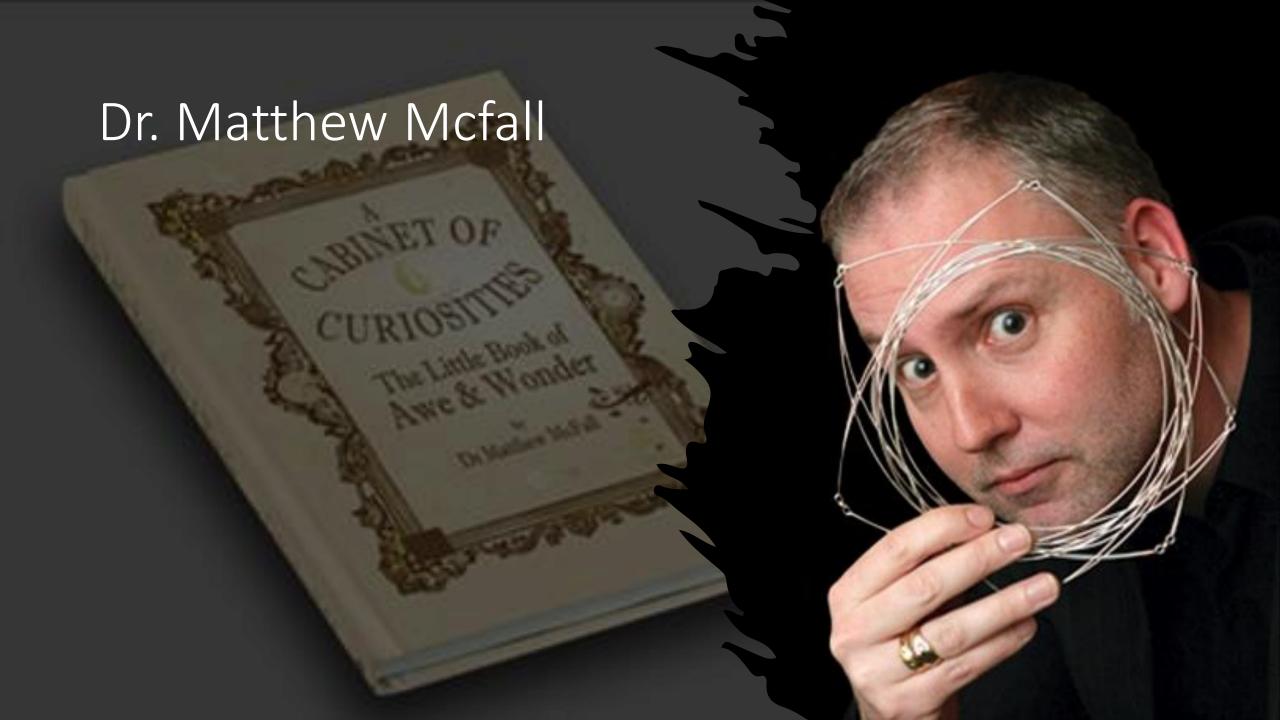




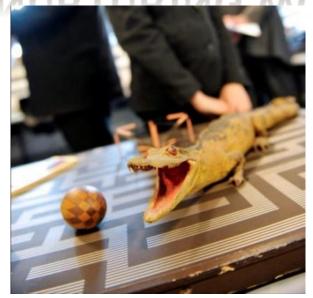


Derived from a design by A. Kitaoka

YELLOW BLUE ORANGE BLACK RED GREEN PURPLE YELLOW RED ORANGE GREEN BLACK BLUE RED PURPLE GREEN BLUE ORANGE



NURTURING WONDER













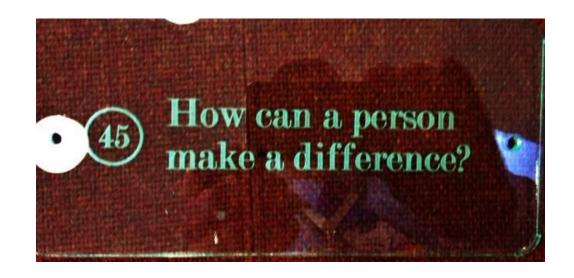


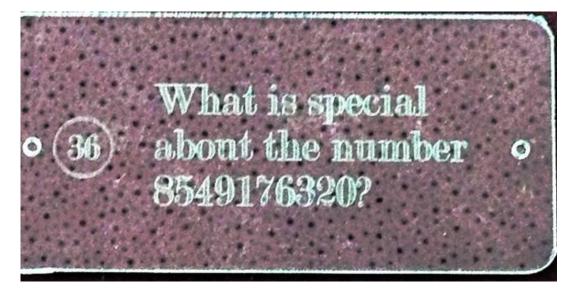






Wonder trail





BE PROUD OF YOUR SCARS



Is your brain full??



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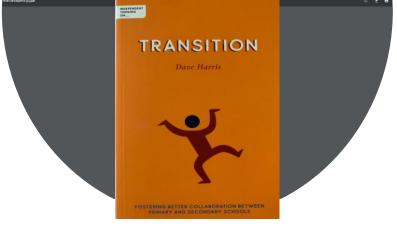


Learning is the greatest game in life and the most fun. All children are born believing this and will continue to believe this until we convince them that learning is very hard work and unpleasant. Some kids never really learn this lesson, and go through life believing that learning is fun and the only game worth playing. We have a name for such people. We call them geniuses

Glenn Doman



take action, not notes







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