

THINKING LIKE A GENIUS

"The kind of intelligence a genius has is a different sort of intelligence.

The thinking of a genius does not proceed logically.

It leaps with great ellipses. It pulls knowledge from God knows where"... Dorothy Thompson

But even if you're not a genius, you can use the same techniques as Aristotle and Einstein to develop the power of your creative mind and develop strategies to channel your future.

Your mind must be taught to think productively, rather than reproductively, in order to arrive at solutions to problems.

Escape from tunnel vision and develop lateral thinking to explore all possibilities.

Tackle problems in many different ways, and find new perspectives that no one else has taken.

Leonardo da Vinci believed that, to gain knowledge about the form of a problem, you begin by learning how to restructure it in many different ways.

He felt that the first way he looked at a problem was too biased.

By taking a second look, often, the problem itself is reconstructed and becomes a new one.

When you come to a roadblock, take a detour...Mary Kay Ash

Visualise!

The sudden explosion of creativity in the Renaissance period was caused by the ability to share a vast amount of knowledge clearly and concisely.

By way of drawings, graphs, and diagrams as, for instance, in the works of Da Vinci and Galileo.

They both revolutionized science by making thoughts easily understood with diagrams, maps, and drawings while others less gifted relied on conventional mathematical and verbal approaches.

Geniuses seem to develop visual skills which give them the flexibility to display their information in different ways.

When Einstein had thought through a problem, he always found it necessary to formulate his subject in as many different ways as possible, including diagrammatically.

In fact, he believed that words and numbers, as they are written or spoken, did not play a significant role in his thinking process.

Peak performers use the skill of mental rehearsal by visualization. Athletes will mentally run the race before they leave their starting blocks.

Ordinary people believe only in the possible.

Extraordinary people visualize not what is possible or probable, but rather what is impossible.

And by visualizing the impossible, they begin to see it as possible...Carter-Scott

Produce!

A distinguishing characteristic of genius is productivity.

Thomas Edison held 1,093 patents, and guaranteed productivity by giving himself and his assistants idea quotas.

In a study of 2,036 scientists

Alexander Hamilton said, "Men give me credit for some genius.

All the genius I have lies in this; when I have a subject in hand, I study it profoundly. Day and night it is before me.

My mind becomes pervaded with it.

Then the effort that I have made is what people are pleased to call the fruit of genius. It is the fruit of labour and thought."

throughout history it was found that the most respected scientists produced not only great works, but also many "bad" ones.

They weren't afraid to fail, or to produce mediocre in order to arrive at excellence.

As Edison said, "Genius is one percent inspiration and ninety-nine percent perspiration".

"Patience, persistence and perspiration make an unbeatable combination for success"...Napoleon Hill

You and I wouldn't be here today were it not for that one little sperm who made it...that is dedication to productivity!



images, and thoughts into different combinations in their conscious and subconscious minds.

Einstein did not invent the concepts of energy, mass, or speed of light. Rather, by combining these concepts in a novel way, he was able to look at the same world as everyone else and see something different.

The laws of heredity on which the modern science of genetics is based came from the Austrian monk Grego Mendel, who combined mathematics and biology to create a new science.

Form Relationships!

Make connections between dissimilar subjects.

If one particular style of thought stands out about creative genius, it is the ability to combine dissimilar subjects, to connect the unconnected that enables them to see things to which others are blind.

Da Vinci forced a relationship between the sound of a bell and a stone hitting water.

This enabled him to make the connection that sound travels in waves.

Samuel Morse was stumped trying to figure out how to produce a telegraphic signal strong enough to be received coast to coast.

One day, he saw tied horses being exchanged at a relay station and forced a connection between relay stations for horses and maintaining strong telegraph signals.

The solution was to give the traveling signal periodic boosts of power.

Nickla Tesla forced a connection between the setting sun and a motor that made the AC motor possible by having the motor's magnetic field rotate inside the motor just as the sun appears to rotate to us.

Think In Opposites!

Geniuses are able to think different thoughts because they can accept contradictory emotions at the same time for two apparently unconnected subjects.

This ability has been identified in a wide variety of geniuses, including Einstein, Mozart, Edison, Pasteur, Joseph Conrad, and Picasso.

Physicist Niels Bohr believes that if you hold opposites together, then you suspend your thought and your mind moves to a new level.

The suspension of thought allows an intelligence beyond thought to act and create a new form.

These opposites create the conditions for a new point of view to escape freely from your mind.

Thomas Edison's invention of a practical system of lighting involved combining wiring in a way not considered possible by conventional...

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Make Novel Combinations!

Combine, and recombine, ideas, images, and thoughts into different combinations no matter how incongruent or unusual.

Allow ideas and thoughts to randomly combine with each other and then selecting from the many the few to retain.

Like the child with Lego bricks, geniuses constantly combine and recombine ideas,

TRUE STORIES FROM A FORMER TRAVEL AGENT TO U.S POLITICIANS...

THEY MAKE JOHN PRESCOTT LOOK LIKE A CONTENDER FOR MASTERMIND!

* A New Hampshire Congresswoman called to ask for an aisle seat so that her hair wouldn't get messed up by being near the window. * A Candidate's gofer called, wanting to go to Capetown.

I started to explain the length of the flight and the passport information then she interrupted me with, "I'm not trying to make you look stupid, but Capetown is in Massachusetts."

Without trying to make her look like the stupid one, I calmly explained, "Cape Cod is in Massachusetts. Capetown is in Africa."

Her response...Click!

* A Senior Vermont Congressman called, furious about a Florida package we did. I asked what was wrong with the vacation in Orlando.

He said he was expecting an ocean view room.

I tried to explain that is not possible, since Orlando is in the middle of the state.

He replied, "Don't lie to me. I looked on the map, and Florida is a very thin state!"

* A Senator's wife asked, "Is it possible to see England from Canada?"

I said, "No."

She said, "But they look so close on

the map."

* An Illinois Congresswoman wanted to know how it was possible that her flight from Detroit left at 8:20am and got into Chicago at 8:33am.

I tried to explain that Michigan was an hour ahead of Illinois, but she could not understand the concept of time zones.

Finally, I told her the plane went very fast.

She bought it!

* A New York lawmaker asked, "Do airlines put your physical description on your bag so they know whose luggage belongs to whom?"

I said, "No, why do you ask?"

She replied, "Well, when I checked in with the airline, they put a tag on my luggage that said 'FAT.' I'm overweight and I think that's very rude!"

After putting her on hold so I could "look into it" (I was actually laughing), I came back to her and explained the city code for Fresno, CA is "FAT," and that the label was only a destination tag.

* A Senator's aide inquired about a trip package to Hawaii. After going over all the cost info, she asked, "Would it be cheaper to fly to California and then take the train to Hawaii?"

* A new Congressman called from the airport to ask, "How do I know which plane to get on?"

I asked him what exactly he meant.

He replied, "You told me my flight number is 823, but none of these darn planes have numbers on them."

* A lady Senator called and said, "I

need to fly to Pepsi-Cola, FL. Do I have to get on one of those little computer planes?"

I asked her if she meant "fly to Pensacola, FL on a commuter plane?"

She said, "Yeah, whatever!"

* A senior Senator had a question about the documents he needed in order to fly to China.

After a lengthy discussion about passports, I reminded him he needed a visa.

"Oh, no I don't. I've been to China many times and never had one."

I double-checked and, sure enough, his stay required a visa.

When I told him this he said, "Look, I've been to China four times. Every time they've accepted my American Express!"

* A New Mexico Congresswoman called to make reservations.

"I want to go from Chicago to Rhino, New York."

The agent was at a loss for words.

Finally, the agent: "Are you sure that's the name of the town?"

"Yes, what flights do you have?" she replied.

After some searching, the agent came back with, "I'm sorry, ma'am. I've looked up every airport code in the country and can't find a Rhino anywhere."

The lady retorted, "Oh, don't be silly! Everyone knows where it is. Check your map!"

The agent pulled out a map of New York State and finally asked, "You don't mean 'Buffalo,' do you?"

"That's it! I knew it was a big animal!"

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...thinkers, and in fact were not considered at all because of an assumed incompatibility.

Because Edison could tolerate the difference between two incompatible things, he could see the relationship that led to his breakthrough.

Think Metaphorically!

Aristotle considered metaphor a sign of genius, believing that the individual who could see similarities between two separate areas of existence and link them together was a person of special gifts.

If unlike things are really alike in some ways, perhaps, they are so in other ways.

Alexander Graham Bell saw the similarity between the inner workings of the ear and the movement of a stout piece of membrane to move steel, and conceived the telephone.

Thomas Edison invented the phonograph, in one day, after developing an analogy between a toy funnel and the motions of a paper man and sound vibrations.

Underwater construction was made possible by observing how shipworms tunnel into timber by first constructing tubes.

Einstein derived and explained many of his abstract principles by drawing analogies with everyday occurrences such as rowing a boat or standing on a platform while a train passed by.

Prepare Yourself For Chance!

Don't lose the creative accident!

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Whenever we attempt to do something and fail, we end up doing something else.

And this is exactly what we should NOT do without first examining the failure. We may ask ourselves why we have failed to do what we intended, that's normal.

But the creative accident provokes a different question: What have we succeeded in doing?

Change the negative thought into the positive.

The ability to answer that question in a new, different and unexpected way is the essential creative act.

The answer arrived at is not luck, but creative insight of the highest order.

THINK THE UNTHINKABLE BELIEVE THE UNBELIEVABLE DO THE IMPOSSIBLE BECOME THE UNSTOPPABLE

Alexander Fleming noticed mould formed in the laboratory while studying deadly bacteria.

A less-gifted physician would have trashed this seemingly irrelevant event, but Fleming noted it as "interesting" and wondered if it had potential.

This "interesting" observation led to penicillin which has saved millions of lives.

Thomas Edison, while pondering how to make a carbon filament, was mindlessly toying with a piece of putty.

Turning and twisting it in his fingers, when he looked down at his hands, the answer hit him between the eyes: twist the carbon like rope.

The first principle of creative

discovery has to be: when you find something interesting, even in failure, drop everything else and study it.

Too many fail to answer opportunity's knock at the door because they have to finish some preconceived plan.

Creative geniuses do not wait for the gifts of chance; instead, they actively seek the accidental discovery.

JUST A TIC?

Imagine if your bank credited your account each morning with 86,400 Euros.

But carries over no balance from day to day.

Every evening it deletes whatever part of the 86,400 Euros you failed to use during the day. What would you do?

Well every one of us does have a bank like that!

It's name is the Bank of Time.

Every morning, it credits us with 86,400 seconds.

Every night it writes off, as lost whatever of this we have failed to invest to good purpose.

It carries over no balance.

It allows no overdraft.

Each day it opens a new account for us.

Each night it burns the remains of the day.

If we fail to use the day's deposits, the loss is ours.

There is no going back.

There is no drawing against "tomorrow."

We must live in the present on today's deposits.

Invest it so as to get from it the utmost in health, happiness, and success.

The clock is ticking.

Make the most of today.