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Make a Difference in Education

2022

Minee®
strategy

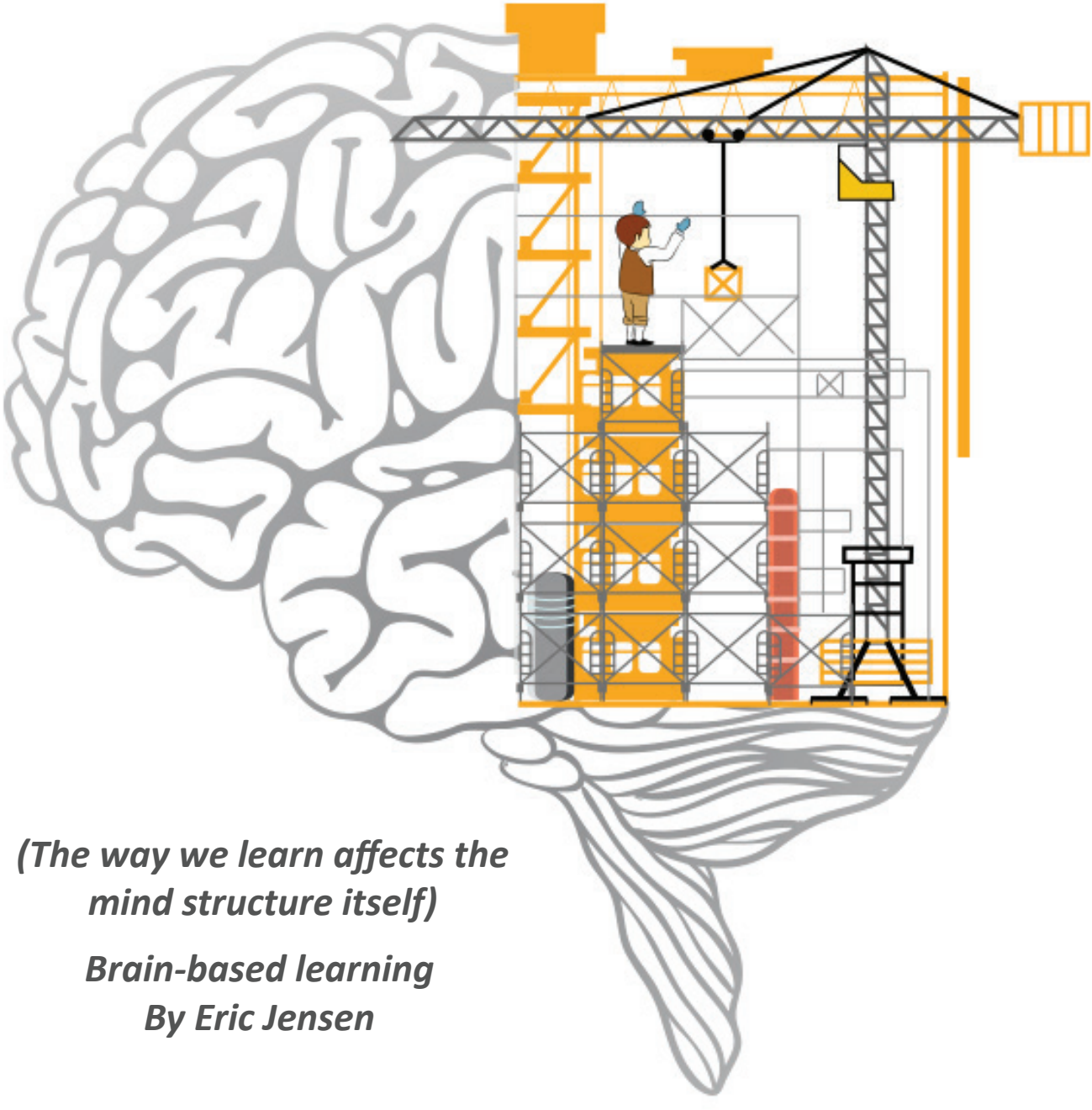
Convincing & "Courting" the Mind

For Physics, Chemistry and Math

Make the solution with a smooth mental flow
and pick up the solution with only one click

(Brief)

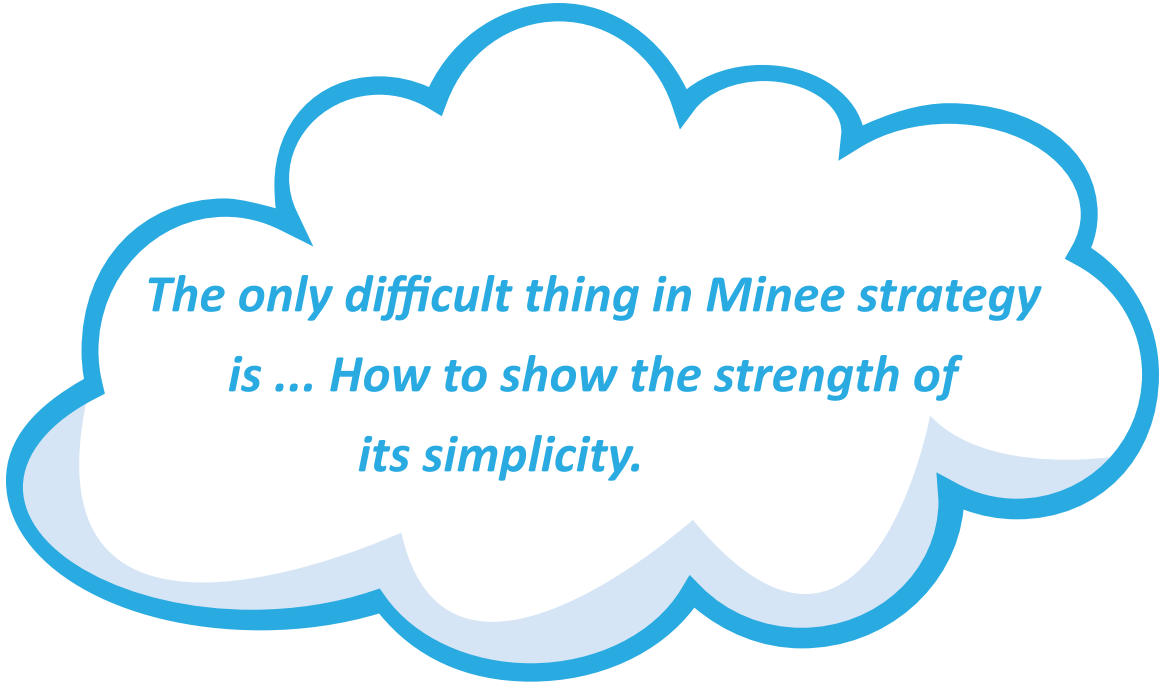
Oraini



(The way we learn affects the mind structure itself)

Brain-based learning
By Eric Jensen

“ All the significant breakthrough
Were break-with old ways of thinking”
The Structure of Thinking Scientific Revolution
By Thomas Kuhn


The only difficult thing in Minee strategy is ... How to show the strength of its simplicity.

Brief Content

Contents

Welcome..

I invite you in this book..
... To share with me this "intellectual riot" ..
... That has been hidden for a long time ..
Perhaps it was due to the past mental environment .
However, today ....the world has changed...
.. It became open-minded ..
.. Very communicative ..
.. Look for serious attempts to change ..
It is the time for this "intellectual captive riot" ...
.. to unleash its wings.

Why is This Book Important?

This book:

- Solves a central problem in education related to the difficulty of dealing with scientific problems and theoretical derivations in physics, chemistry, and math curricula. It is a problem that haunts students, teachers, those responsible for education, and society in general in the whole world.
- Presents an easy innate strategy that effectively contributes to alleviating this problem.
- Summarizes a creative experience of 30 years in science education, as the author applied himself.
- In a preliminary study for high school curricula, the strategy presented in this book can facilitate an understanding of around 75% of these problems on average.*
- The main idea in this book is not bound by the concept of right and wrong but move freely under the vast sky of varied mental choices of learners on which many recent educational trends today are based. These choices represent a mixture of logic, emotion, intuition, imagination, etc., representing a unique mind for every human being. That opens the way for community participation to express his opinions in this field.
- Finally, I promise you that this book will leave a creative imprint on your mind and the minds of your children and students for lifelong.

*: For more details see part 7.

For Whom is This Book?

This book is mainly intended for:

- **Physics, chemistry, and math teachers.**
- **Specialists in the methodology of teaching math and science.**
- **Leaders of educational organizations.**
- **All those interested in developing a creative mindset in science and math education.**

However, any reader with a scientific background can simply understand the idea and benefit from the book. What I mean by “scientific background” is only the science and math curricula taught by high school students.

Can Students Get Benefit From This Book?

- General high school students can understand the book's basic idea through the beginning of the third part.
- Students who are scientifically advanced at the same stage or upper can understand the third part (Minee...How?), which represents the strategy's main essence.
- I also recommend reading what concerns students in the sixth part to increase the effectiveness of implementing Minee strategy in the learning field.

What Does This Book Offer?

This book:

- Expands in explaining the two main Minee strategy steps:
  Tree Planting & Fruit Picking.
- Explains how can minee convince and court the mind.
- Explains the effect of Minee.
- Explains the strategic dimensions behind the Minee application.
- Answers many questions about Minee strategy.
- Offers its insights and opinions with complete comfort in expression in a creative, free, and extended space. So it is not:
  - A burdened Academic research with scientific analysis and limitations.
  - Nor a textbook on mathematics or science full of details, calculations, and scientific problems.
  - Nor a how-to guide book for teachers loaded with instructional tips and strategies.

If you are looking for books like this, this is not the book for you.
This book is a brave, creative, riot adventure aiming to get everyone involved in making a difference in our education systems on this topic.

- Opens the door wide for building many mental skills and combines fun, learning, and creativity simultaneously.
- If your mind is the type that wants to apply Minee directly for some curricula, our forthcoming books may suit you:

Minee Strategy ... for High School Students & Teachers .. (published)
Minee Strategy ... for High School Physics..Book1
Minee Strategy ... for High School Chemistry.. Book1
Minee Strategy ... for High School Math .. Book1
Minee Strategy ... for Middle School Students
Minee Strategy ... for Elementary School Students

- If your mind is the type that likes to dive into the details:

"Minee Strategy ... More Details" book will give you a broad picture of what Minee can do*.

*: See “Other Ideas About Minee Strategy” in the Conclusion part.

Minee ... The Seed of Innate Creativity

Talking about Minee strategy reminds me of a farmer looking for diamonds and finding them in his land after a while. Minee strategy invests in our generations' natural mental wealth present in any mind and at any time and place.

It works to return their minds to their beautiful, quiet instinct, in a striking symmetry between complex scientific problems and the tree's growth, the accumulation of clouds, and the flow of water in the waterfall. Minee strategy transforms scientific challenges into moments of meditation, opportunities for creativity, and touches of art. All of this is far from the hustle of research and the complexities of technology. Minee strategy also develops the skill of implicit learning that takes place away from stress and psychological pressure.

Minee is the seed of innate ... effortless ... flexible ... comprehensive creativity, which we call to plant in our generations' minds*.

Minee believes that nature's love is at the heart of the mind and that the philosophy of mind is at the heart of nature.

Establishing the philosophy of "Convincing and Courting the Mind" as a comprehensives strategy for learning in the whole life is the basis for dealing with its branches in addressing specific scientific topics and controlling complex mathematical calculations.

*Honestly, I believe that mind maps represent another important natural seed of creativity, and I will compare them in part seven.

What Minee offers is known to all of humanity. Still, it investigates the mental secrets behind this easy knowledge to:

- Empowering it in mind.
- Making it practical by planting its tiny seeds everywhere.
- Linking it to modern trends.
- Expanding its application.
- Paving the way for effective learning and creativity.

Although we did not fulfill its right to the artistic side, we hope to take the first step.

We hope that this mini-strategy will have the butterfly effect* on the educational world just as the butterfly effect does on the matter.

This is the simple brief of Minee truth. Everything else is just templates and manipulations that may be wrong, change from one topic to another, or differ from person to person. This book will focus our efforts on what is related to scientific problems and theoretical derivations because we realize that it represents the most "naughty" difficulties in education. Before we embark on our intellectual riot, remember that this diamond we are looking for is in our minds.

*Butterfly Effect: It is a physical metaphoric term that emerged from quantum physics then was frequently used. This term indicates that significant events in systems may occur because of small events preceding them.

Minee ... The General Features

1- Attractive: Minee strategy transforms the process of solving scientific problems into an enjoyable creative artistic skill.

2- Easiness: To understand and apply. Where the idea can be absorbed in a short time without any painstaking effort in learning.

3- Focus: Minee nature based on visual interdependence and activation of the two lobes helps increase the learner's focus. It effectively reduces his mental confusion during learning.

4- Speed: Given the three previous features, Minee shortens the time for understanding and solving the problems, enabling the learner to comprehend a large number of questions compared to the time spent using the traditional solution approach.

5- Inclusivity: It can apply to a wide range of scientific subjects.

6- Depth: Minee strategy deals in-depth and easily with the innate skills of the left and right lobes. It is also intersected or symmetrical with many modern intellectual trends, as shown in part 7.

7- Flexibility: In its ability to adapt and change. Many adjustments can be made to the content and shape to adapt to the topic at hand.

Minee … Benefits for Students

- Motivation to learn.
- Easiness in understanding and implementation.
- Enjoyment for heart and mind.
- Organization for the thinking process.
- Shortcut for the effective use of time.
- Accuracy in steps.
- Creativity in solving scientific problems.
- Challenge difficult problems.
- Using Minee in theoretical derivation.
- The Attraction of the teacher’s mind.
- Focusing on the exam.
- Its application to a wide range of scientific subjects and curricula.

Minee … Benefits for Teachers

In addition to the aforementioned regarding students, we can add the following:

- First: An effective strategy in marking the exam papers.
- Second: An effective strategy in creating new scientific problems.
- Third: An effective strategy in the leadership of the learning process.

Minee ... Scientific Curricula Statistics

In an initial statistical study for the Mac-Grow Hill high school curricula, for Physics, Chemistry and Math 2018, the Percentage of "examples" solved using Minee strategy were as follows:

	Physics	*Chemistry*	*Math*
The Percentage	97%	76%	52%
Clarification	The depth of the Minee implementation varies depending on the nature of the subject.		
The Average	75%		

This percentage, when applied to curricula from different sources, is affected by two main factors:

- The first: is the nature of these curricula.
- The second: is our ability to adapt and implement Minee strategy.

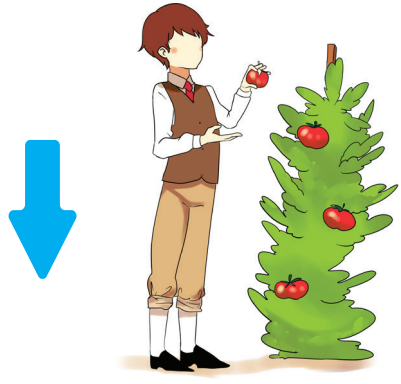
The Two Main Steps of Minee Strategy

Now listen to the “courting” of the mind...

First Step: Tree Planting

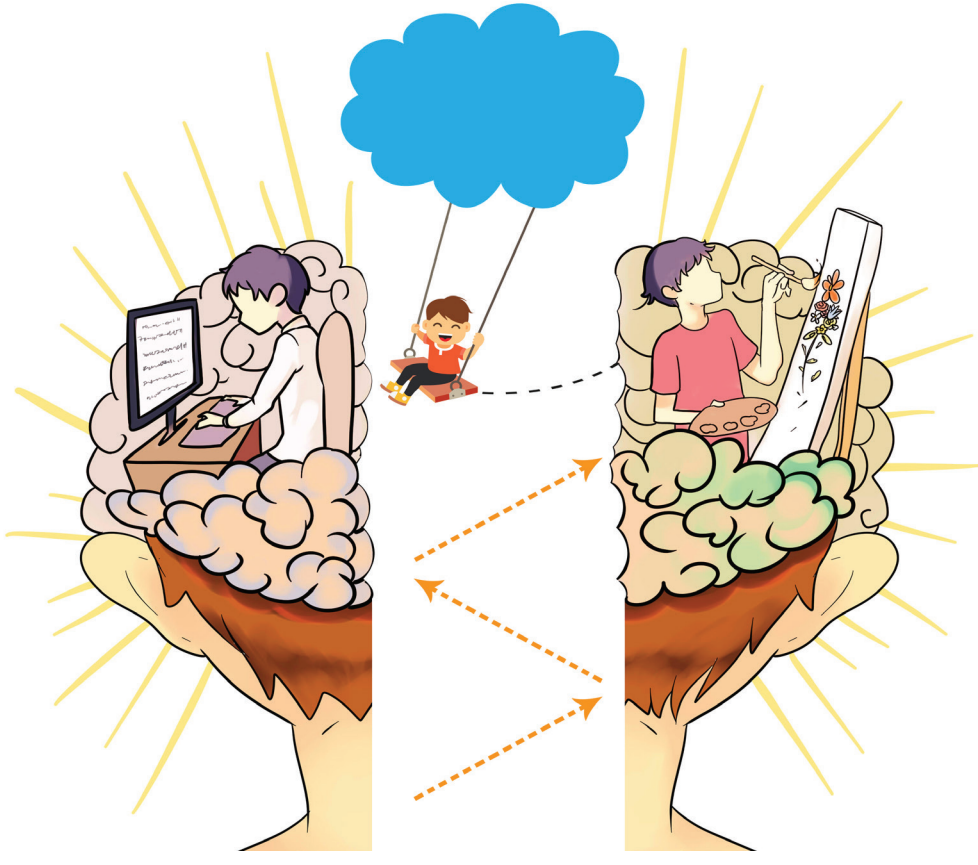
Thinking upward

Second Step: Fruit Picking



Calculation downward

These two main steps despite their ease are the strength points of Minee strategy that we should emphasize.

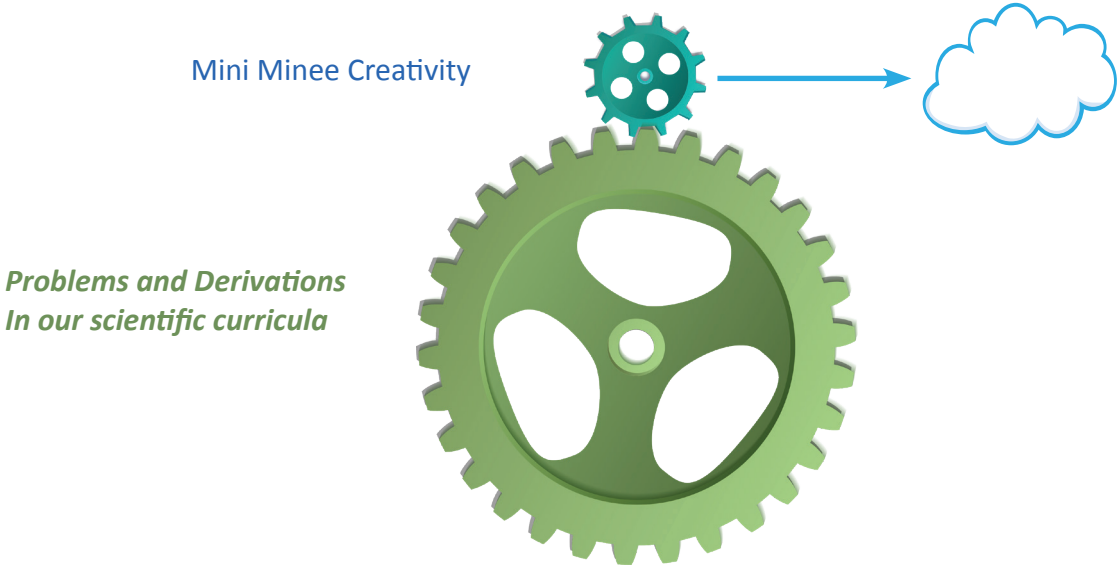


Creative Swing

When your thought "swings" between your two mind lobes, then your learning power will multiply.

"The mind works on a mutual stimulation principle."
(Buzan, T. Mind Map)

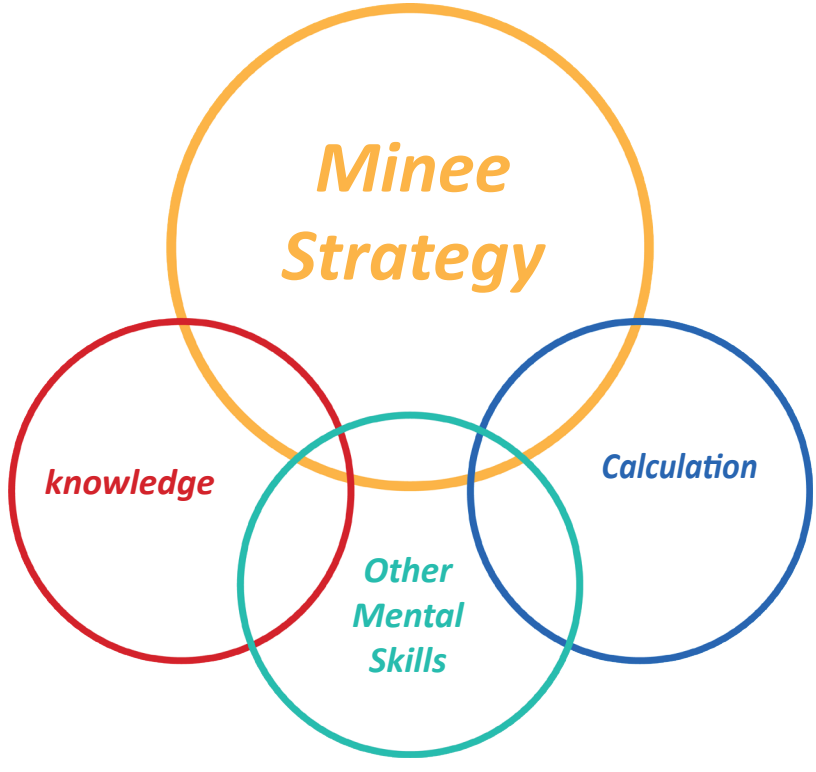
Mini Creativity and The Big Gear



We can represent the effect of Minee strategy by a small gear that spins a gigantic one. This likening closely matches the mission that Minee performs in the education field. The big gear is the sum of the problems and scientific derivations that take a large share of:
curricula, time, effort, and education budgets.
When we apply Minee strategy, we train our students' minds on creativity and other skills every day. This mental effort will not be lost. Let me explain that in another way.

It is just like what happens in **"money markets"** when small investors track the **"big market makers"** in their financial moves. So Minee follows the **"big education makers"** to come wherever they go. The striking thing here is that our small gear has no teeth; it is full of tenderness, kindness, and beauty.

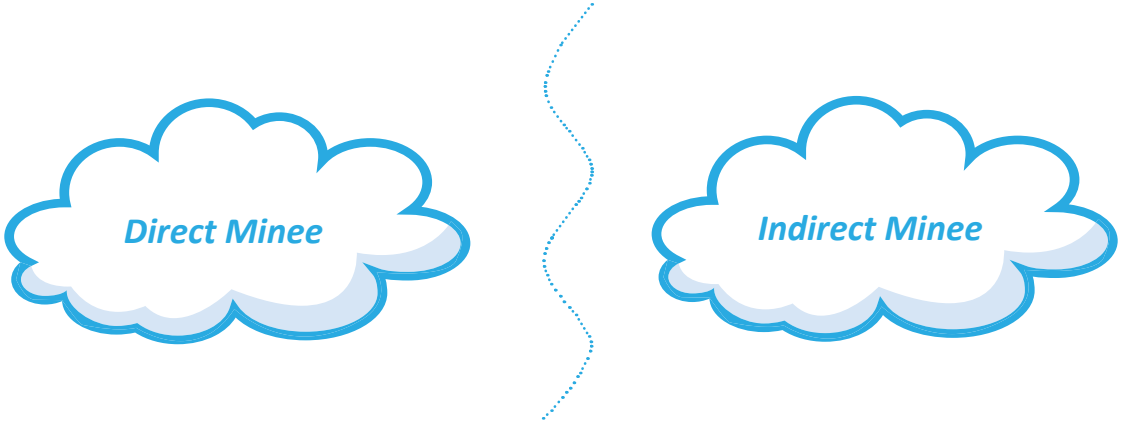
Minee ... and Leadership of Intellectual Skills



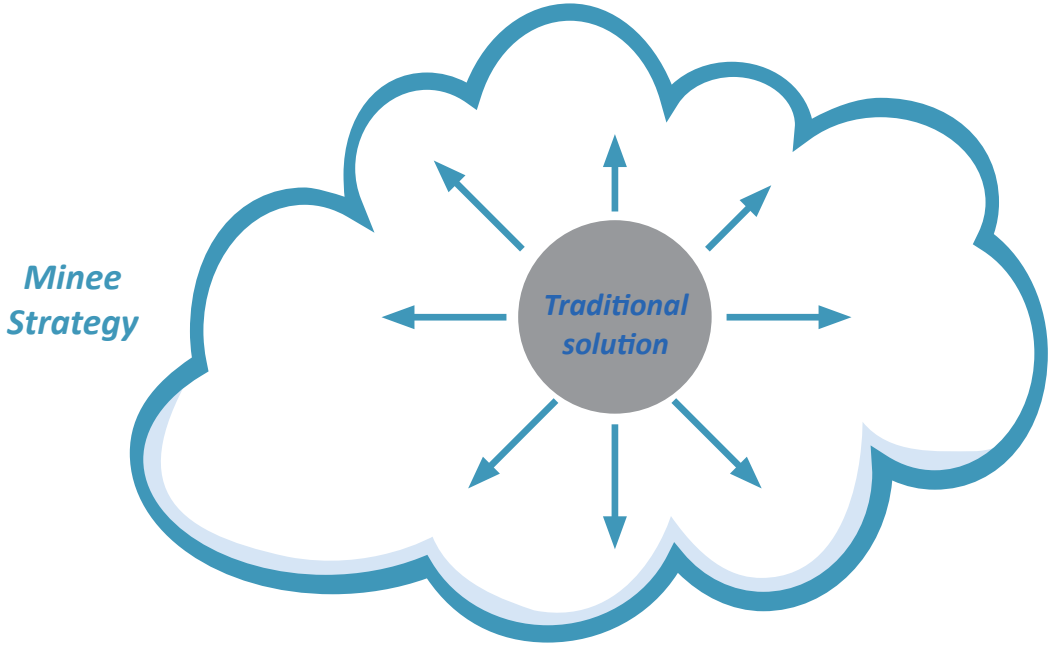
we can liken Minee role to the leader with the help of knowledge, calculation, and other mental skills as members of a working team.

Indirect Minee

To clarify the difference between "Direct Minee," and "Indirect Minee," we can liken the transformation process between them to what happens in the osmotic phenomenon where the particles travel through the semi-permeable membrane between two mediums.



Minee ... No Restrictions

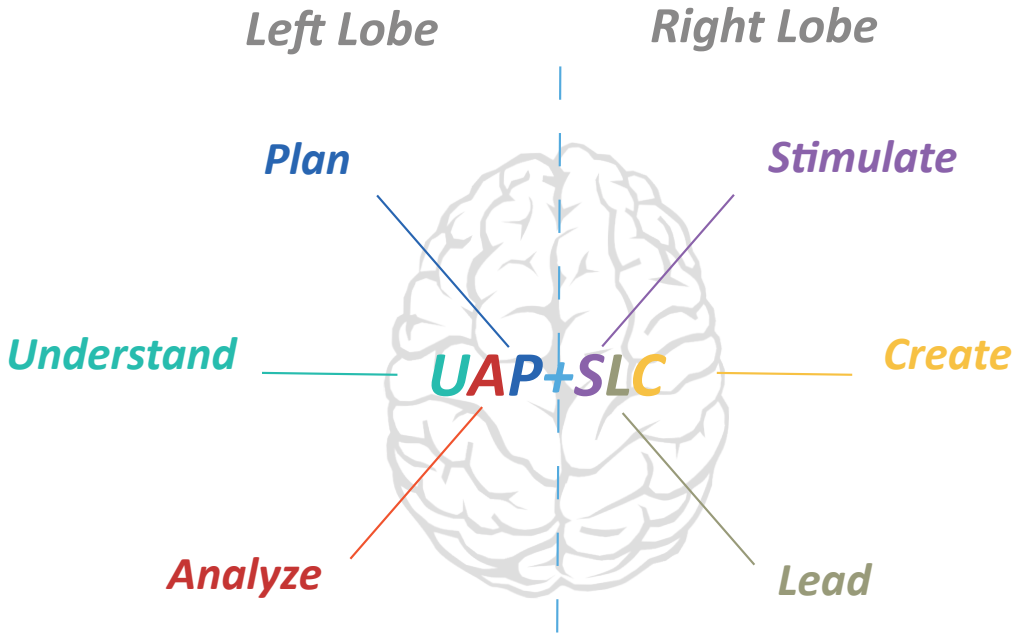


There are no restrictions on Minee movement. It looks to change the nature of the traditional solution. It never hesitates to expand intellectually in all directions that help the mind. Notice that traditional thinking moves in a restricted frame with a particular path, such as a circle. In contrast, Minee moves entirely freely, such as our beautiful cloud.

How Can Minee Activate The Two Lobes?

"UAP+SLC" Thinking

- Minee helps the mind to understand the problem, analyze it, and plan to solve it. These mental tasks are processed in the left lobe of the mind*.
- It also stimulates, leads the mind, and helps it create the solution. These mental tasks are processed in the right lobe of the mind*.

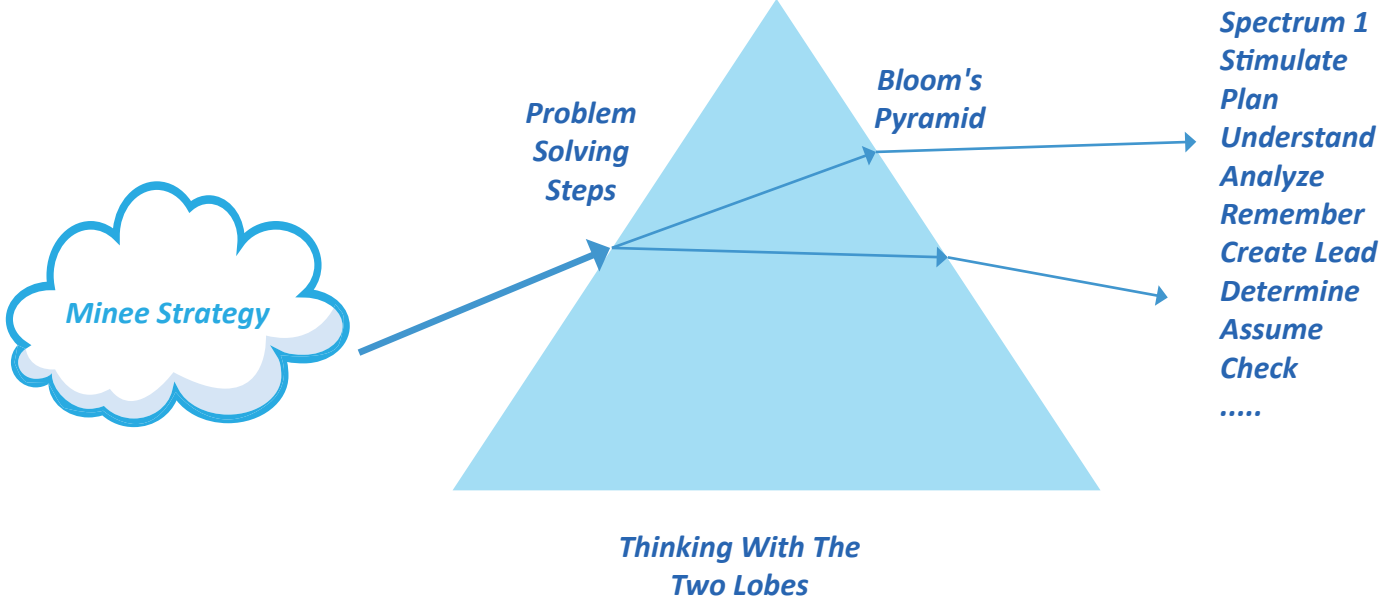


All you need to apply Minee strategy is only to plant a beautiful cloud tree, and your mind, on your behalf, will do all these intellectual operations without any effort.
Here, I have picked these essential skills just to put them together into one super look.

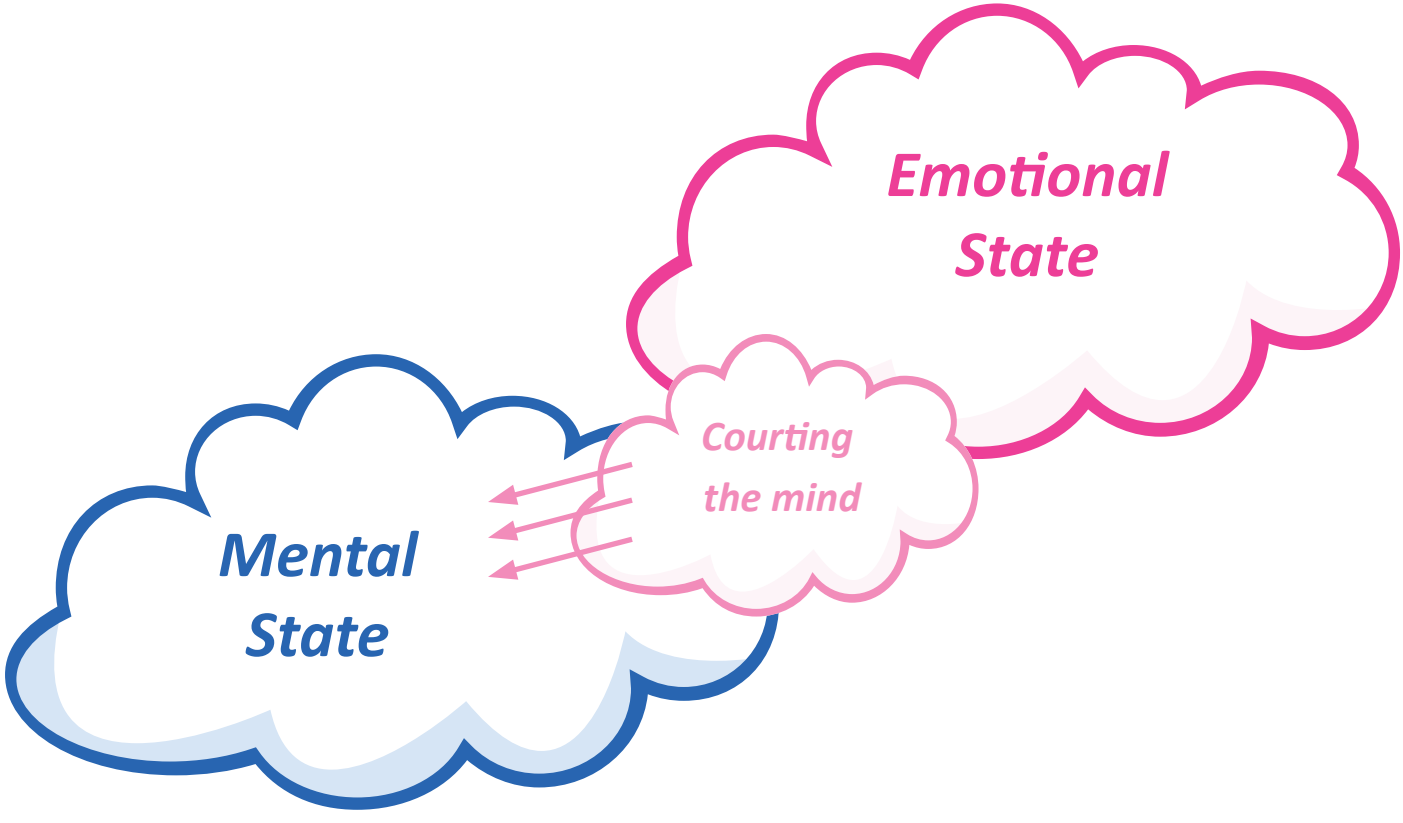
*: This is a relative division.

Intellectual Spectrum Analysis

Just as we analyze white light in a color spectrum using a prism, we can analyze “what Minee can do” into the “colors of thought” using an intellectual perspective.

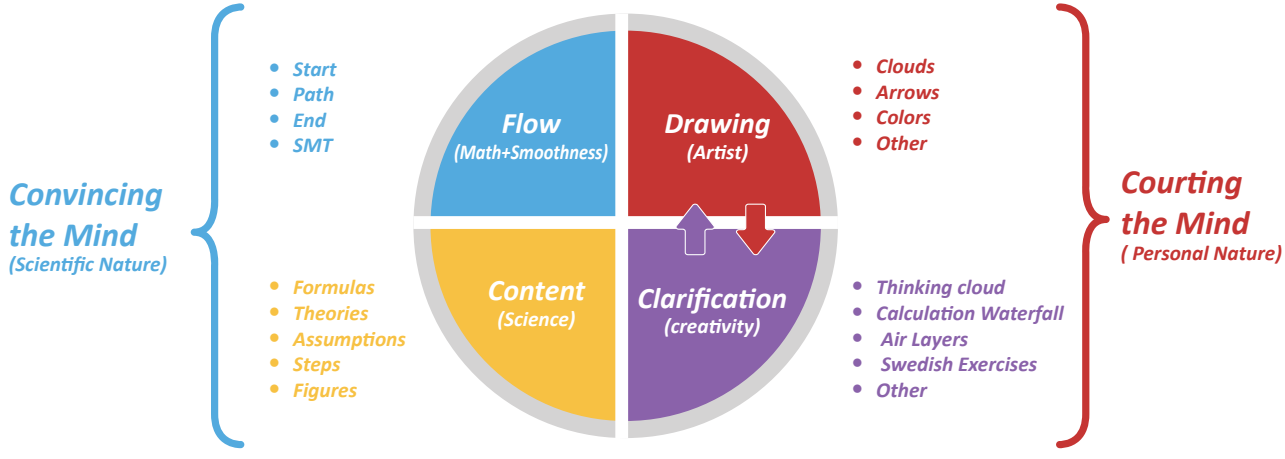


“Mental United State”



The mind courting may represent the disputed region between the mental and the emotional states. "Courting eyes" are always looking towards the mental state. Maybe it was an emotional zone with a mental tendency, and it is as if it was the lover girl of the neighbor.

Minee … Mental Model

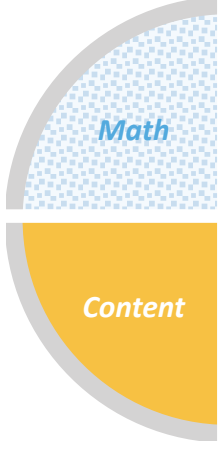


SMT (Specific Mental Technique):related to Minee strategy.
start options, rain clouds, confusion removal, fruit picking Options…etc.

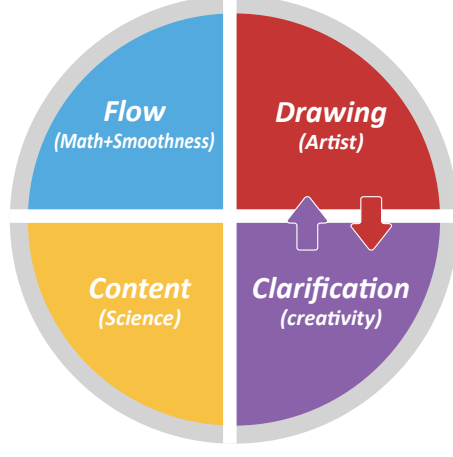
Minee and Traditional Solution ... Comparison Circles

When we look at the two circles representing Minee strategy and traditional solution, we find that the traditional solution neglects the right half completely* and focuses on the left half. Also, the scientific content is usually clear, but the flow is not clear as it is in Minee strategy.

Traditional Solution Components



Minee Strategy Components

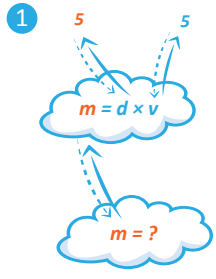


*: Sometimes we use coloring in the traditional solution.

Minee ...for Elementary ... Middle ... High School

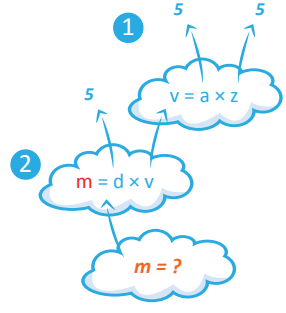
You can observe the educational progression that we can follow in the three primary educational stages through these easy examples.

Elementary School



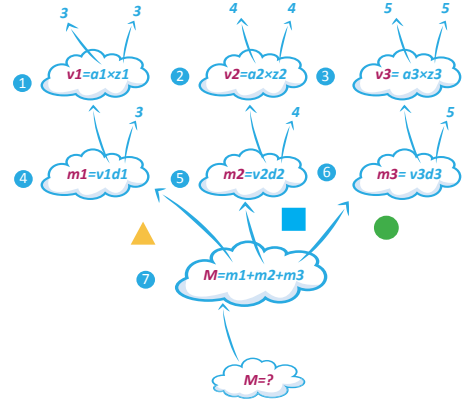
Minee ... The Seed

Middle School



Minee ... The Plant

High School



Minee ... The Tree

This division, of course, is in general. Still, it shows how we can build this skill very simply early in education.


The Knight Solution


Minee is the knight that leads our learning horses all together.

Our Books

Minee Strategy ... for High School Students& Teachers

Minee Strategy ... Convincing & Courting the Mind

Our Coming Books

Minee Strategy ... for High School Physics..Book1

Minee Strategy ... for High School Chemistry.. Book1

Minee Strategy ... for High School Math .. Book1

Minee Strategy ... for Middle School Students

Minee Strategy ... for Elementary School Students

Minee Strategy ... More Details

Minee Project

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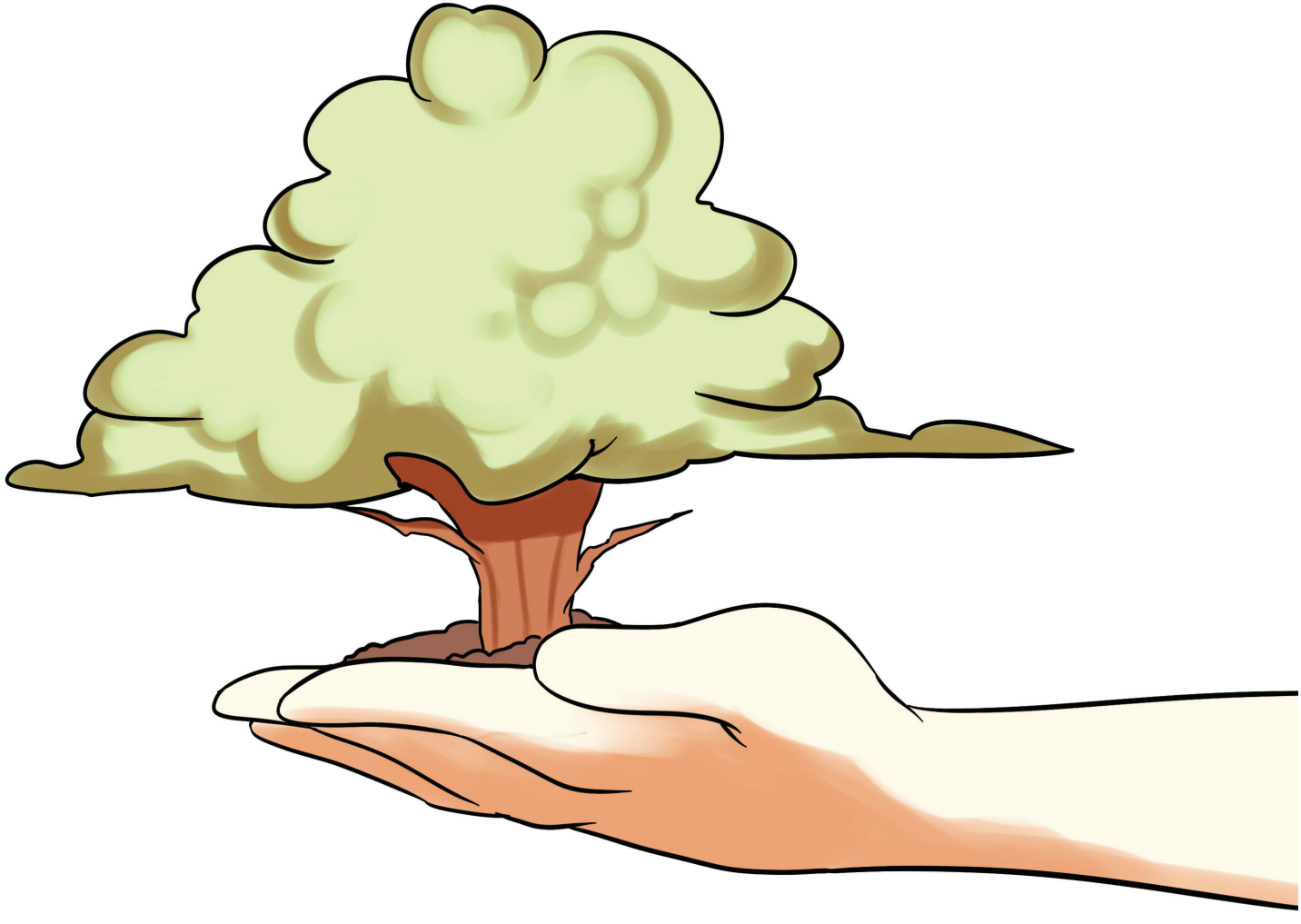

The Idea Grows...
As The Seed Grows.

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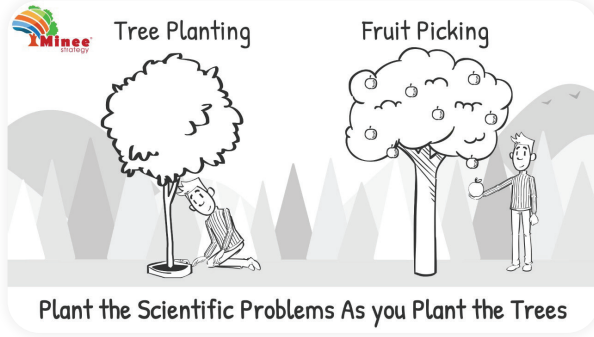

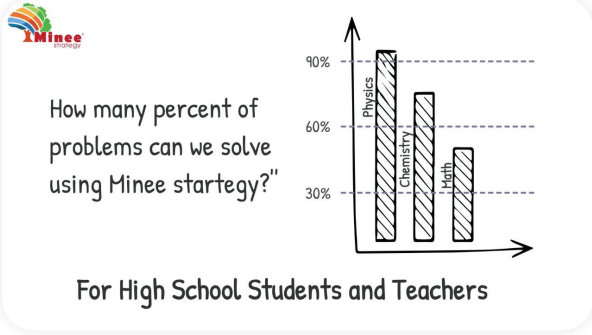

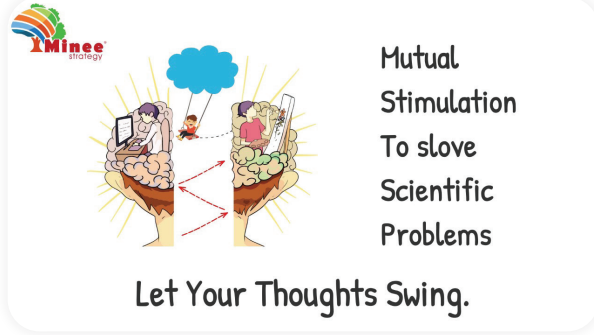

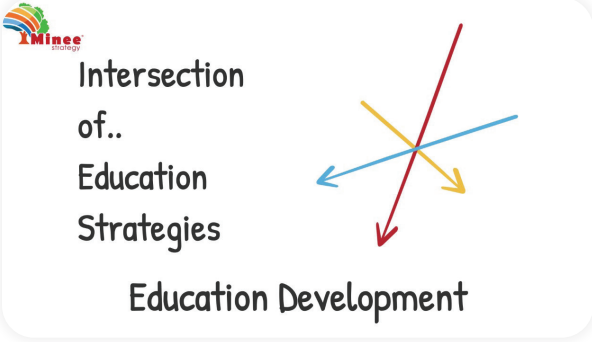

When we compare between Minee and Traditional solution we will get the following:

Traditional Solution	*Minee strategy*
Does not stimulate the mind to think	Stimulates the mind to think
Merges thinking with calculations	Separates thinking from calculations
Starts solution directly	Plans before starting
Starting point is not always clear	Always, starting point is clear
It is difficult to absorb all options	It is easy to absorb all options
Neglects the right lobe	Activates the right lobe
Does not arrange implementation steps accurately	Arranges implementation steps accurately

What Did they Say about Minee Strategy?

- "A brilliant approach ... the Minee strategy makes learning smooth and enjoyable ..." Kristi Elizabeth, San Francisco Book Review.
- "... It should be a part of any good science or mathematics teacher's repertoire ..." Robert Thorn ... International Education Advisor, UK.

Oraini
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