Follow our free learning videos
through our YouTube channel

# Make a Difference in Education

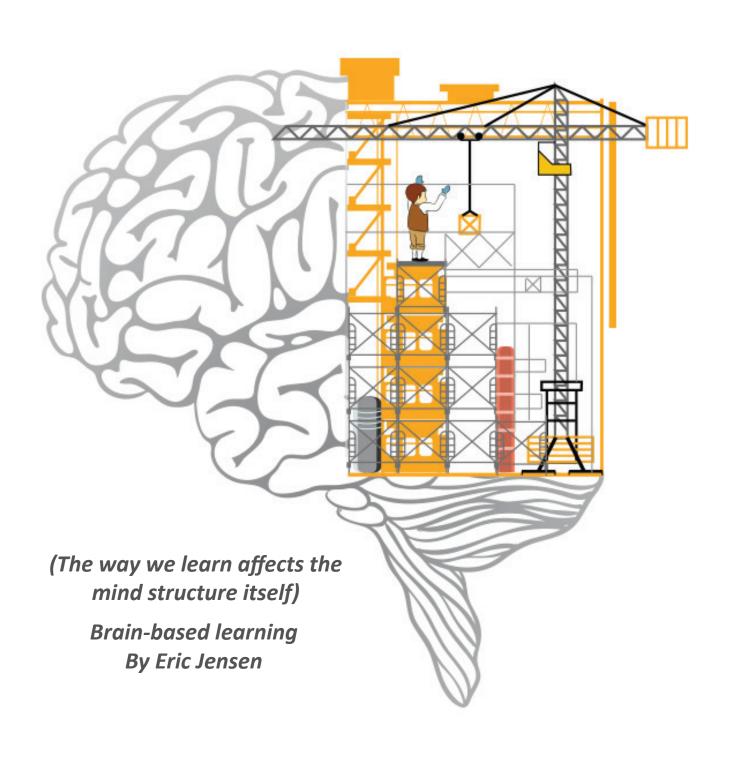


Convincing & "Courting" the Mind

For Physics, Chemistry and Math

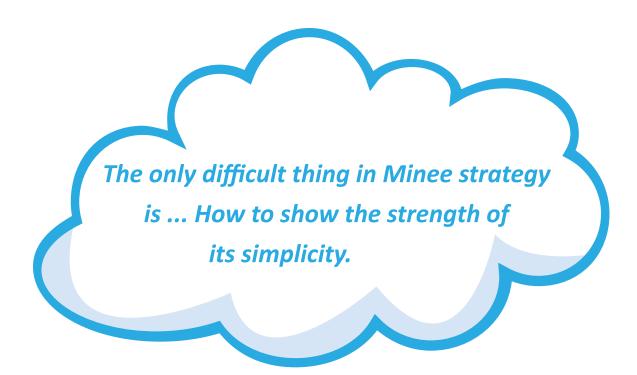
Make the solution with a smooth mental flow and pick up the solution with only one click

(Brief)





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





# **Brief Content**

Brief Content	5
Book Content	6
Welcome	17
Why is This Book Important?	18
For Whom is This Book?	19
What Does This Book Offer?	20
Minee The Seed of Innate Creativity	22
Minee The General Features	24
Minee Benefits for Students	
Minee Benefits for Teachers	
Minee Scientific Curricula Statistics	27
The Two Main Steps of Minee Strategy	28
Minee and The Big Gear	30
Minee and Leadership of Intellectual Skills	31
Indirect Minee	32
Minee No Restrictions	
How Can Minee Activate The Two Lobes? "UAP+SLC" Thinking	34
Intellectual Spectrum Analysis	
"Mental United State"	
Minee Mental Model	37
Minee and Traditional Solution Comparison Circles	
Mineefor Elementary Middle High School	39
Our Books	42
Minee Project	43
Our Current Videos	45
Comparison Table	



## **Contents**

•	Thanks and Admire	6
,	What Did they Say about Minee Strategy?	7
	The Contents	8
,	Welcome	19
	Introduction	21
•	Why is This Book Important?	24
•	For Whom is This Book?	25
	Can Students Get Benefit From This Book?	25
•	What Does This Book Offer?	26
•	Why Was the Book Written This Way?	28
	The symmetry between the book and the strategy	29
•	How to Read This Book?	30
٨	Ninee Story	32
•	Minee Crawling Under Barbed Wire	33
	Before Arising	33
	Emergence Story.	34
	A Story of Struggle.	35
•	Minee The Four Paths of Development	38
	<b>Part 1: Minee Why?</b>	41
•	Minee The Seed of Innate Creativity	44
•	Minee Important/Urgent Matrix	46
•	Minee and Planning	47
•	Minee and Leadership	48
•	Minee Knowledge Challenge	49
•	Minee Statistics Challenge	50
•	Minee Three Extended Spectra	51
•	Minee The Timel ine of Learning.	52



<ul> <li>Minee Let Them Feel They Own the Learning.</li> <li>The Traditional Solution 'Weakness Points'</li> <li>How Can Minee Help?</li> <li>From Where Does the Difficulty of the Scientific Problems Come?</li> <li>Minee Works at Two Levels.</li> <li>Minee and Traditional Solution Comparison Table.</li> <li>Minee Zero-Risk Mental Investment Deal.</li> <li>Minee Simple Definition</li> <li>Minee Simple Definition</li> <li>Minee Components and "Mission"</li> <li>Minee The General Features.</li> <li>How Do Our Students Think?</li> <li>The Two Main Steps of Minee Strategy</li> <li>How Will We Explain the Two Steps of Minee Strategy?</li> <li>How Will We Explain the Two Steps of Minee Strategy?</li> <li>First: Minee in "1" Minute</li> <li>Before Setting Off.</li> <li>Example 1:</li> <li>Example 2:</li> <li>Example 3: (Physics/Chemistry/Math/General Science)</li> <li>"Screen Shot" of the Three Examples</li> <li>Minee for Elementary Middle High School</li> </ul>	Minee Is a Factory of Beauty Scientific Challenges	53
How Can Minee Help?  From Where Does the Difficulty of the Scientific Problems Come?  Minee Works at Two Levels.  Minee and Traditional Solution Comparison Table.  Minee Zero-Risk Mental Investment Deal.  Part 2: Minee What?  Minee Simple Definition.  Minee Components and "Mission".  Minee The General Features.  Part 3: Minee How?  How Do Our Students Think?  The Two Main Steps of Minee Strategy  Using Minee Strategy in Solving Scientific Problems  How Will We Explain the Two Steps of Minee Strategy?  First: Minee in "1" Minute  Example 1:  Example 2:  Example 3: (Physics/Chemistry/Math/General Science).  Example 3: (Physics/Chemistry/Math/General Science).  Minee for Elementary Middle High School	Minee Let Them Feel They Own the Learning	54
From Where Does the Difficulty of the Scientific Problems Come?  Minee Works at Two Levels	The Traditional Solution 'Weakness Points'	55
Minee Works at Two Levels	How Can Minee Help?	57
Minee and Traditional Solution Comparison Table	From Where Does the Difficulty of the Scientific Problems Come?	58
Minee Zero-Risk Mental Investment Deal 6  Part 2: Minee What? 6  Minee Simple Definition 6  Minee Components and "Mission" 6  Minee The General Features 6  Part 3: Minee How? 6  How Do Our Students Think? 7  The Two Main Steps of Minee Strategy 7  Using Minee Strategy in Solving Scientific Problems 7  How Will We Explain the Two Steps of Minee Strategy? 7  First: Minee in "1" Minute 7  Before Setting Off 8  Example 1: 8  Example 2: 8  Example 3: (Physics/Chemistry/Math/General Science) 8  "Screen Shot" of the Three Examples 8  Minee for Elementary Middle High School 8	Minee Works at Two Levels	59
Part 2: Minee What?6• Minee Simple Definition	Minee and Traditional Solution Comparison Table	60
<ul> <li>Minee Simple Definition</li></ul>		
<ul> <li>Minee Components and "Mission".</li> <li>Minee The General Features.</li> <li>Part 3: Minee How?</li> <li>How Do Our Students Think?</li> <li>The Two Main Steps of Minee Strategy</li> <li>Using Minee Strategy in Solving Scientific Problems</li> <li>How Will We Explain the Two Steps of Minee Strategy?</li> <li>First: Minee in "1" Minute</li> <li>Before Setting Off.</li> <li>Example 1:</li> <li>Example 2:</li> <li>Example 3: (Physics/Chemistry/Math/General Science).</li> <li>"Screen Shot" of the Three Examples</li> <li>Minee for Elementary Middle High School</li> </ul>		
<ul> <li>Minee The General Features.</li> <li>Part 3: Minee How?</li> <li>How Do Our Students Think?</li> <li>The Two Main Steps of Minee Strategy</li> <li>Using Minee Strategy in Solving Scientific Problems</li> <li>How Will We Explain the Two Steps of Minee Strategy?</li> <li>First: Minee in "1" Minute</li> <li>Before Setting Off.</li> <li>Example 1:</li> <li>Example 2:</li> <li>Example 3: (Physics/Chemistry/Math/General Science).</li> <li>"Screen Shot" of the Three Examples</li> <li>Minee for Elementary Middle High School</li> </ul>		
Part 3: Minee How?  How Do Our Students Think?  The Two Main Steps of Minee Strategy  Using Minee Strategy in Solving Scientific Problems  How Will We Explain the Two Steps of Minee Strategy?  First: Minee in "1" Minute  Before Setting Off.  Example 1:  Example 2:  Example 3: (Physics/Chemistry/Math/General Science).  Setting Screen Shot" of the Three Examples  Minee for Elementary Middle High School	Minee Components and "Mission"	67
<ul> <li>How Do Our Students Think?</li> <li>The Two Main Steps of Minee Strategy</li> <li>Using Minee Strategy in Solving Scientific Problems</li> <li>How Will We Explain the Two Steps of Minee Strategy?</li> <li>First: Minee in "1" Minute</li> <li>Before Setting Off.</li> <li>Example 1:</li> <li>Example 2:</li> <li>Example 3: (Physics/Chemistry/Math/General Science).</li> <li>"Screen Shot" of the Three Examples</li> <li>Minee for Elementary Middle High School</li> </ul>	Minee The General Features	68
<ul> <li>The Two Main Steps of Minee Strategy</li> <li>Using Minee Strategy in Solving Scientific Problems</li> <li>How Will We Explain the Two Steps of Minee Strategy?</li> <li>First: Minee in "1" Minute</li> <li>Before Setting Off.</li> <li>Example 1:</li> <li>Example 2:</li> <li>Example 3: (Physics/Chemistry/Math/General Science)</li> <li>"Screen Shot" of the Three Examples</li> <li>Minee for Elementary Middle High School</li> </ul>	art 3: Minee How?	69
Using Minee Strategy in Solving Scientific Problems7• How Will We Explain the Two Steps of Minee Strategy?7First: Minee in "1" Minute7• Before Setting Off.8• Example 1:8• Example 2:8• Example 3: (Physics/Chemistry/Math/General Science)8• "Screen Shot" of the Three Examples8• Minee for Elementary Middle High School8	How Do Our Students Think?	72
<ul> <li>How Will We Explain the Two Steps of Minee Strategy?</li> <li>First: Minee in "1" Minute</li> <li>Before Setting Off.</li> <li>Example 1:</li> <li>Example 2:</li> <li>Example 3: (Physics/Chemistry/Math/General Science).</li> <li>"Screen Shot" of the Three Examples</li> <li>Minee for Elementary Middle High School</li> </ul>	The Two Main Steps of Minee Strategy	73
First: Minee in "1" Minute  Before Setting Off.  Example 1:	sing Minee Strategy in Solving Scientific Problems	75
<ul> <li>Before Setting Off.</li> <li>Example 1:</li></ul>	How Will We Explain the Two Steps of Minee Strategy?	78
<ul> <li>Example 1:</li></ul>	rst: Minee in "1" Minute	79
<ul> <li>Example 2:</li></ul>	Before Setting Off.	80
<ul> <li>Example 3: (Physics/Chemistry/Math/General Science).</li> <li>"Screen Shot" of the Three Examples</li> <li>Mineefor Elementary Middle High School</li></ul>	Example 1:	81
<ul> <li>"Screen Shot" of the Three Examples</li> <li>Mineefor Elementary Middle High School</li> </ul>	Example 2:	82
Mineefor Elementary Middle High School	Example 3: (Physics/Chemistry/Math/General Science)	83
	"Screen Shot" of the Three Examples	86
	Mineefor Elementary Middle High School	87
Minee is the Passport to Your Mind8	Minee is the Passport to Your Mind	88
• "Thought Shots" of the Three Examples	•	
Second: Minee on" 1 " Page	econd: Minee on" 1 " Page	91
Third: Minee More Detailed Explanation		



First: Tree Planting	93
1 - Step-by-Step Tree	94
2 - Step-by-Step Table	100
Second: Fruit Picking	103
1. Numbering	104
2. Calculation.	105
The Traditional Solution Options	106
The Traditional Solution Mental Stuttering	108
The Traditional Solution The Controller Lines	109
The "Rouge"Traditional Solution	111
Minee Skiing Through the Problems	112
Two Main Steps Summary	113
Film Strip of Minee Strategy	114
Physical Examples for Comparison.	117
Example 1: (Nuclear Radiation)	118
Example 2: (Special Theory of Relativity)	119
• Example 3: (Parallel Forces).	
Example 4: (Thermodynamics)	121
Example 5: (Momentum).	122
Physical Problem to Think About	
Chemical Examples for Comparison.	125
• Example 1: (Molecular weight of a compound)	126
Example 2: (Mass of Moles)	128
Math Examples for Comparison.	131
• Example 1: (Areas)	132
• Example 2: (The Vertical Distance Between a Point and a Straight Line).	134
Minee Using Text	136
Using Minee Strategy in Theoretical Derivations	137



•	Our Two-Sided Intellectual Coin	140
•	Easy Derivation	141
•	Physical Derivation: (The Sum of Two Forces)	142
	Complete Logical Sequence.	145
	Something of Controversy.	146
	Minee Between Rigidity and Flexibility	148
•	Chemical Derivation (Gas Density)	150
•	Chemical Derivation (Gas Density)  Mathematical Proof: $(m < B = \frac{1}{2}m)$	152
	When do we stop the search upwards?	
	Derivation or proofing?	153
	Is climbing from both sides possible?	153
	Three Options for Comparison	154
	Comparison 1	155
	Comparison 2	156
	Comparison 3	157
	Controversy With Math	158
Sc	ome Points	159
•	Simple Tips.	162
	Court Your Mind	163
	Start Accurately.	164
	Write the Required Quantity in a Distinct Color	165
	Don't Merge The Formulas.	166
	Draw the Clouds Around the Formulas Only	167
	On the Top, Write the Given Value Directly	168
•	Minee Spark your Mind	
•	Minee from Mental Flow to Visual Connection	171
•	Mental Flow Types	172
M	inee One Click	173



• First level: Minee	The Seed	175
• Second level: Mir	nee The Plant	176
• Third level: Mine	e The Tree.	178
First: Quick Sca	an	178
Second: Quick	Picking Up	180
Accelerator an	d Decelerator Formulas	182
Accelerator for	rmula: (figur1)	182
Decelerator fo	rmulas: (figure 2)	182
• One-click other	r ideas	184
• How to Transform	n a Traditional Solution to Minee?	185
• Philosophy Act	ion Result	186
• Minee The Inte	ellectual Etiquette	187
Part 4: Minee	Convincing & Courting The Mind	189
Convincing The M	1ind	193
• Scientific Convinc	ing	193
• Flow Convincing.		193
<b>Courting The Min</b>	nd	194
Main Courting		195
• First: Visually Cou	ırting	196
Shining		196
Drawing Clouds A	And Coloring	196
Fictional Pictures		197
• Second: Phonetic	cally (Harmonic) Courting	197
Simple Courting		198
• "Air Layers"		200
• "Calculation Wate	erfall"	201
• "Swedish Mind Ex	xercise"	202
<ul> <li>"Thinking Cloud"</li> </ul>		203



Complex Courting	204
Minee Mental Reading of Art	205
Minee from Art to Question Technique!	207
Some Points	211
Courting or Emotion	213
"Mental United State"	214
Convincing and Courting The Overlapping Roles	215
Minee Symmetry With Nature	216
Minee and Tree in Nature	217
Minee and Cell in Nature	219
Liberate Your Mental Art	221
The Courageous Creativity	222
Minee No Restrictions	223
Part 5: Minee The Effect	225
1 - The Apparent Effect	228
Changing The Mental Environment of learning	229
Shortening The Solution Time	230
Fast Learning	231
Effect Triangle for Problems	233
2 - The Hidden Effect	234
Overcoming The Disadvantages of The Traditional Solution	235
Minee Treble Processer	236
"Intellectual Spectrum Analysis"	237
Intellectual Spectrum 1	238
Intellectual Spectrum 2	239
3 - Minee and The Two Lobes	241
How Can Minee Court The Two Lobes?	242
How Can Minee Activate the Two Lobes? "UAP+SLC" Thinking	243



Left and Right Lobes "Hobbies".	244
The Mind The Wall and The Tree	245
Minee and Mutual Stimulation of the Two Lobes	246
4 - Minee and Creativity	248
5 - Minee and Creativity Levels	249
6 - Minee Effectiveness Pyramid	252
7 - Convincing and Courting Effectiveness Levels	253
8 - Easy Measurement of Effect	254
9 - MineeThree Similes	255
Mini Creativity and The Big Gear	256
Minee The Nuclear Peel	257
Minee A Step With the Mind of the World	258
10 - Minee Gallery	259
The Giant Minee	260
How Do We Compare?	261
The First Impression Comparison	263
The Ideas Flow Comparison.	263
Picking up Comparison	263
Our Previous Table (Back Cover) Comparison.	263
Effectiveness Pyramid Comparison.	263
Priorities Comparison	263
The Overall Comparison.	264
Effective Comparison	264
Your Own Comparison	264
Minee Target Segments	265
Part 6: Minee for Students and Teachers	269
Minee and Traditional Solution Explaining the Differences	272
The First Difference	272



The Second Difference	273
The Third Difference	274
The Fourth Difference	275
The Fifth Difference	276
The Sixth Difference	277
The Seventh Difference	278
General Comment on the Differences	279
Minee Benefits for Students	280
Motivation to learn	280
Easiness in understanding and implementation	280
Enjoyment for heart and mind	280
Organization for the thinking process	280
Shortcut for the effective use of time	280
Accuracy in steps	280
Challenge difficult problems	281
Using Minee in theoretical derivations	281
The Attraction of the teacher's mind	281
Focusing on the exam	282
Minee Benefits for Teachers	284
First: An effective strategy in marking the exam papers	284
• Second: An effective strategy in creating new scientific problems	285
• Third: An effective strategy in the leadership of the learning process	286
1- Motivation	286
2- Effective Dialogue	286
3- Drawing the path	286
4- Delegation	287
5- Teamwork or cooperative learning	287
Minee The Games	289



How to Train Students to Apply Minee Strategy?	290
Part 7: Minee for Leaders and Specialists	293
"Foggy" and Clear Concepts	
Minee The Mental Model	
The First: The Tree Model (Practical Model)	299
The Second: The Circular Model (Theoretical Model)	
Artistic Representation of the Model Components	303
Minee Components Between Ambiguity and Clarity	304
Minee and Traditional Solution Comparison Circles	305
Some Points	308
Minee Templates	310
Minee and the Memory Curve	311
The Two Creative Questions	312
The first question: does the idea grow as the seed grows?	312
The second question: Can we solve the left lobe problems using the right lobe skills	? 313
The Three Basic Strategies	314
The first strategy: separating the planning phase from the implementation phase	314
The second strategy: intellectual cosmic symmetry	
The third strategy: is the personal learning style	
Minee The Four Creative Engines	
1-Shining	
2- Linking	
3- Working on the two lobes together	317
4- Emotion: through drawing and using colors	317
Minee The Analyses of the Solving Process Components	
Minee New Types of Challenges	319
Minee and Leadership of Intellectual Skills	320
Minee Upside Down	322
Tree Planting & Fruit Picking The Dividing Line	323



Other Options to Arrange Minee Steps	324
Minee The Strategic Dimensions	326
Minee The Inclusivity	328
The Inclusivity Learners	330
The Inclusivity Scientific Curricula Statistics	331
Percentage Some Points	332
Is it Necessary to do a More Comprehensive Statistical Study?	334
Diversity of Scientific Topics	335
Flexible Statistic Chart	336
The Inclusivity the Seven Learning Styles	338
Minee and Non-Arithmetical Applications	340
Minee The Depth	341
The Depth Indirect Minee	344
The Depth Implicit and Explicit Learning	345
Minee and Spongy Mind	348
• The Depth Compressed Capsule of Scientific Thinking Steps	349
The Depth New Bloom's Pyramid	350
The Depth CoRT Thinking Program	351
CoRT 1	352
CoRT 2	353
CoRT 3	354
CoRT 4	355
CoRT 5	356
CoRT 6	357
The Depth "Strategies Family"	359
The Depth Strategic Levels	360
The Depth The Four Problem Solving Plan	361
The Denth The Four Steps to Solve a Problem	363



Minee The Symmetry	364
Symmetry Mind Maps	366
Symmetry Six Hats	367
Symmetry HBDI	368
Are the four parts in Minee and HBDI symmetrical?	371
Symmetry Three States of Matter	372
Minee and Symmetries With Nature	373
Minee and Administrative Theories	374
Minee and Pareto Principle	377
Minee and Strategic Planning	378
Minee and Our Educational Systems	380
Minee "Planting" the Creativity	382
Minee Brain-Based Curricula	383
Minee Brain-Based Evaluation	384
Minee Performance Development	387
Minee Colleges and University Education	388
Minee and Educational Goals	389
Minee The Strategic Crowd	390
One Question for Education Leaders	391
Conclusion	395
Other Ideas About Minee Strategy	398
Minee A Philosophical Question	399
Finally This «Intellectual Riot»	400
How Was This Book Written?	402
SWOT Strategic Analysis Tool	403
Our Books	404
Minee Project	405
Our Current Videos	407
About The Author	408



### 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.



<sup>\*:</sup> 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\*.

<sup>\*:</sup> 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.

<sup>\*</sup>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.

<sup>\*</sup>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%	<b>52</b> %
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 Second Step: Fruit Picking



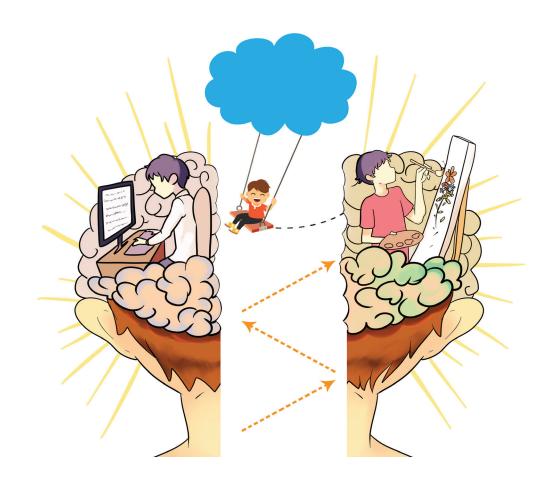
Thinking upward



Calculation downward

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





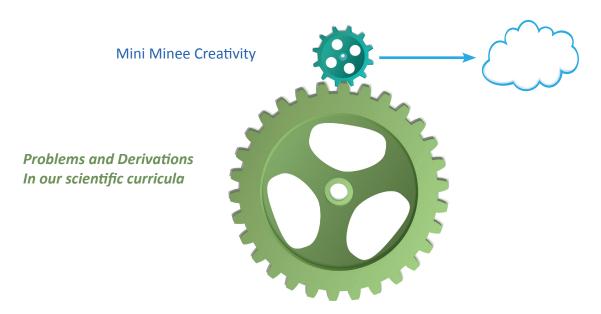
**Creative Swing** 

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



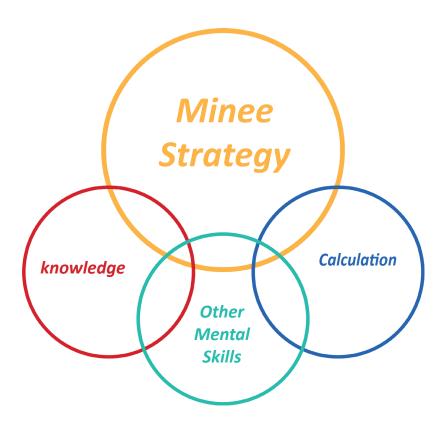
We can represent the effect of Minee strategy by a small gear that spins a gigantic one. This likening closely matches the mission that Minee performs in the education field. The big gear is the sum of the problems and scientific derivations that take a large share of: **curricula, time, effort, and 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

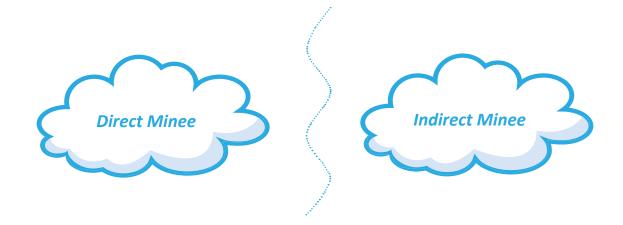


we can liken Minee role to the leader with the help of knowledge, calculation, and other mental skills as members of a working team.



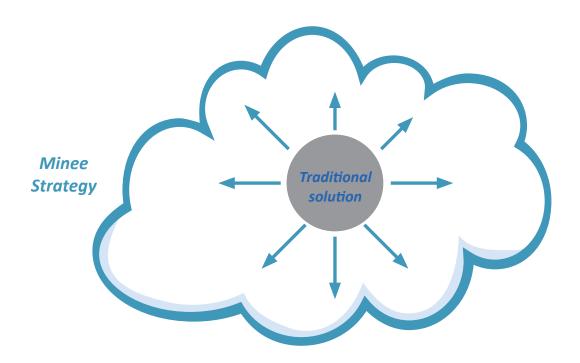
### **Indirect Minee**

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

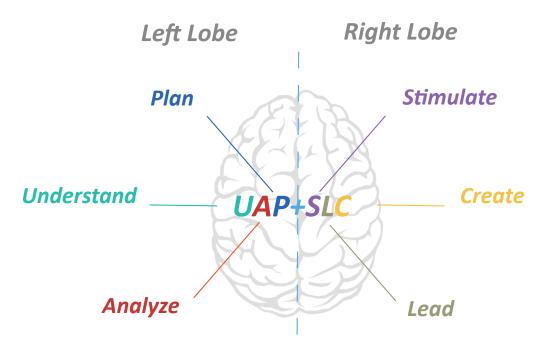


There are no restrictions on Minee movement. It looks to change the nature of the traditional solution. It never hesitates to expand intellectually in all directions that help the mind. Notice that traditional thinking moves in a restricted frame with a particular path, such as a circle. In contrast,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

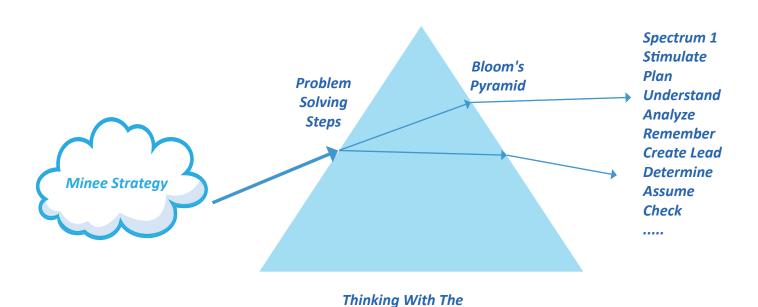
Here, I have picked these essential skills just to put them together into one super look.



<sup>\*:</sup> This is a relative division.

## **Intellectual Spectrum Analysis**

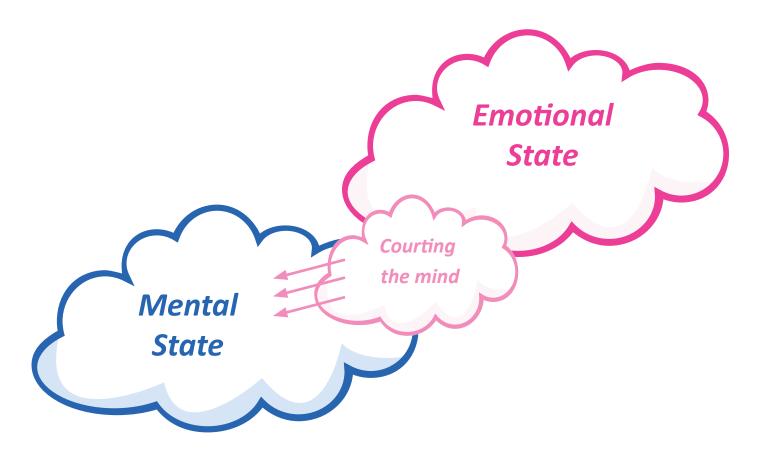
Just as we analyze white light in a color spectrum using a prism, we can analyze "what Minee can do" into the "colors of thought" using an intellectual perspective.



Two Lobes



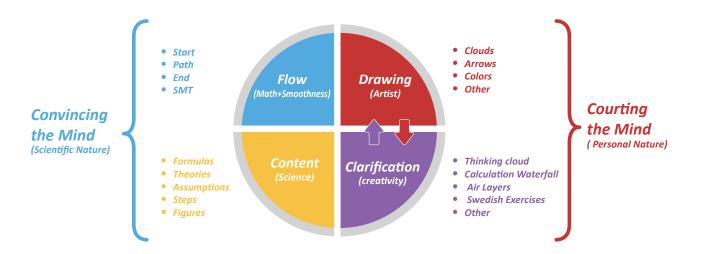
### "Mental United State"



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.

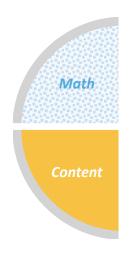


## Minee and Traditional Solution ... Comparison Circles

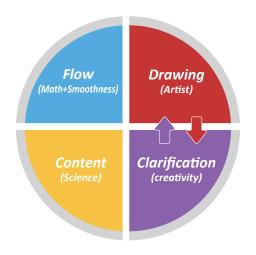
When we look at the two circles representing Minee strategy and traditional solution, we find that the traditional solution neglects the right half completely\* and focuses on the left half.

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**

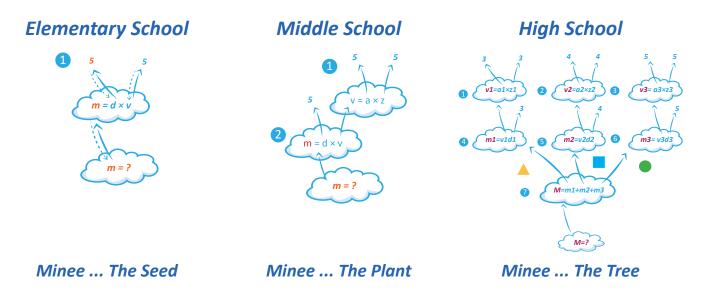




<sup>\*:</sup> Sometimes we use coloring in the traditional solution.

## 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.



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







### **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

### **Lines of Business:**

Free Learning Videos.

Books.

Training.

Curricula Development Using Minee Strategy.

Minee Strategy Development.

Software Applications.

To cooperate about of these points, please get in touch with us via:

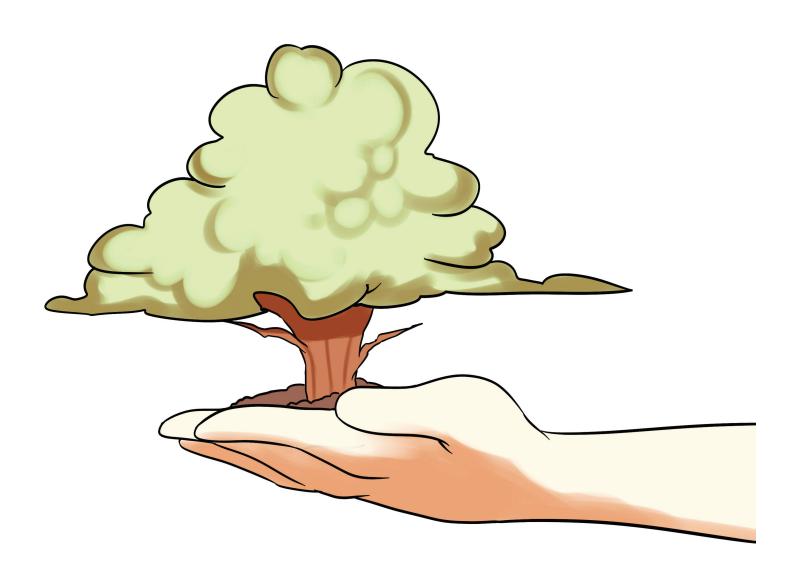
Info@mineestrategy.com

https://www.linkedin.com/in/mineestrategy

or visit our website:

www.mineestrategy.com



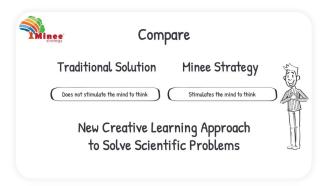


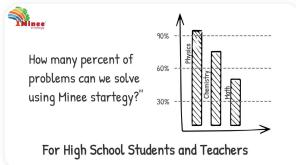
The Idea Grows...
As The Seed Grows.

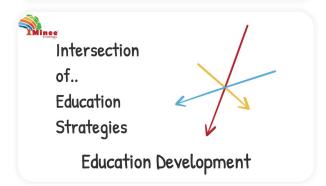
### **Our Current Videos**

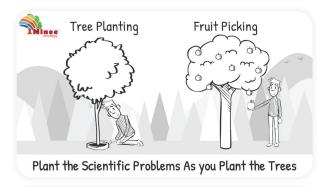
### Enjoy our free learning videos on our YouTube channel:

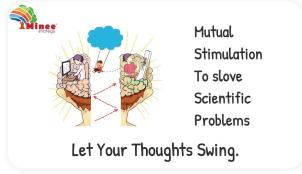
Minee strategy, for students, teachers, and everyone.















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

info@mineestrategy.com

Download a pdf brief summary of this book and all of our other books when you visit our site: www.mineestrategy.com

Linguistic reference: Mark Plets, markjplets@gmail.com