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“Play Chess With Physics”



2023
First Edition

Minee[®]
strategy

For High School Physics ... Book1

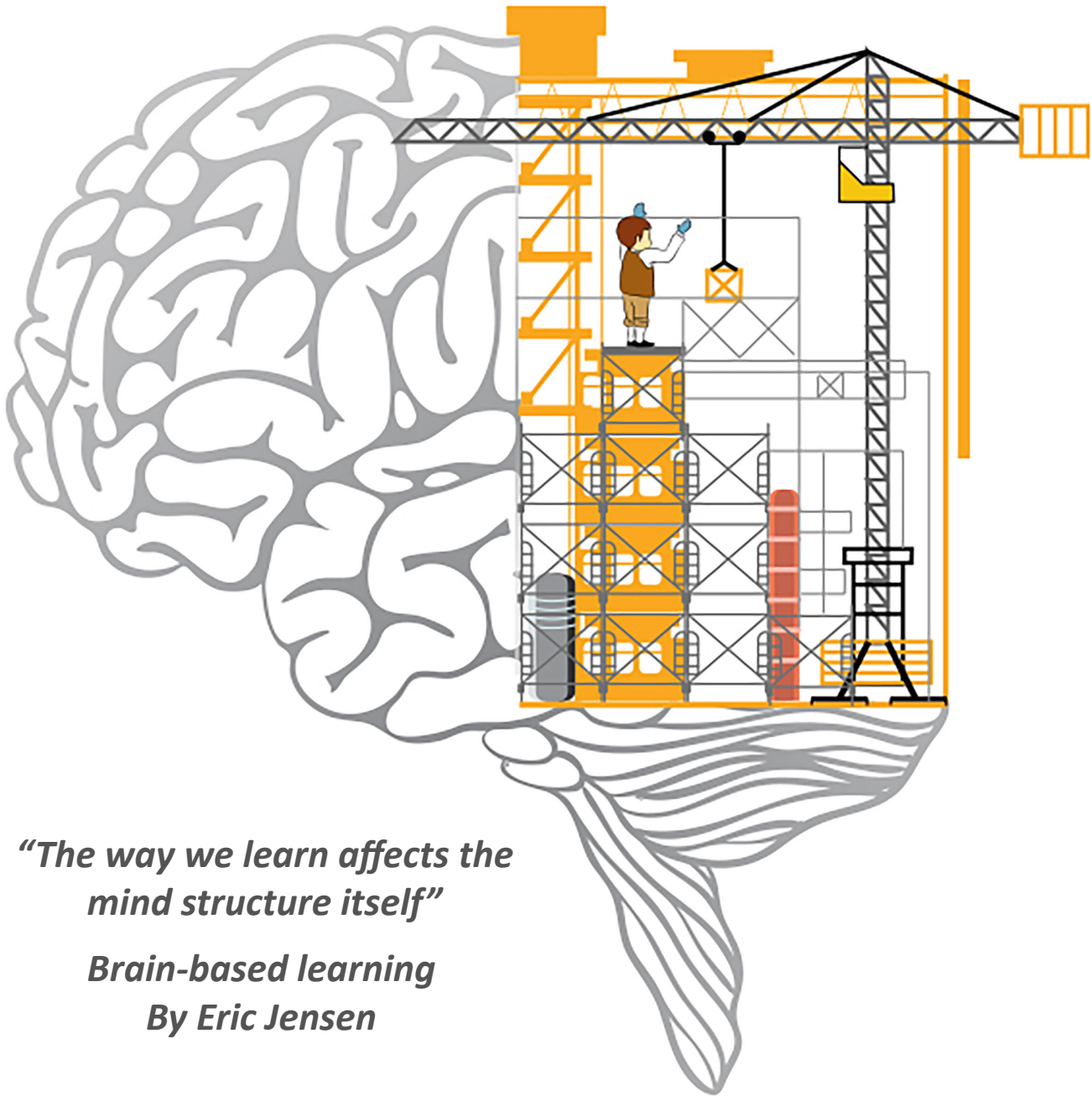
The Super Simplicity

To Solve Physics Problems

*This book summarizes 30 years in the
educational field in a simple creative strategy*

(Brief)

Oraini



*“The way we learn affects the
mind structure itself”*

*Brain-based learning
By Eric Jensen*



*There are small creative minds...
Waiting for the opportunity to inspire.*

What Did they Say about Minee Strategy?

- "The Minee approach is very interesting, as it offers a different way of thinking about solving problems. It simultaneously provides an opportunity for learners (and teachers) to be more creative. It should be a part of any good science or mathematics teacher's repertoire. Modern trends in education are set to help learners develop different ways of thinking, in 'making thinking visible. The time for Minee strategy is now."

Robert Thorn ... International Education Advisor, UK.

- "A brilliant approach to problem-solving, Minee gives the reader an alternative to traditional methods that can be used in full or partially. By stimulating the mind to think and receive clarity before delving into a problem, the Minee strategy makes learning smooth and enjoyable. The Minee technique uses the brain in an efficient way to extract creative methods used for problem-solving".

Kristi Elizabeth, www.citybookreview.com /San Francisco.

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This easy and attractive strategy enables you to later go through more dangerous mental adventures.

For Whom is This Book?

This book is for those interested in simplifying physics problems and derivations using Minee strategy. This includes both:

- **High school students:**
 - To facilitate the solutions of the problems creatively.
 - Benefit from this strategy in the higher education years.
- **Physics teachers:**
 - To facilitate their hard work in preparing the daily lessons.
 - Help them in leading the thinking process.
 - Help them in preparing and correcting exams.

- **Parents:**

Parents with a scientific background can understand the idea's origin and help their sons.

What Does This Book Offer?

This book:

- **Sumorises 30 years in the educational field in a simple creative strategy.**
- Is not an educational curriculum in physics but rather a support book.
- Directly applies Minee strategy for solving problems and derives formulas without going into the theoretical aspects.
- Contains examples of basic scientific ideas in each chapter.
- Expands on explaining some specific problems.
- Adds some theoretical examples (without calculations) to increase practicing the strategy.
- Collects the basic formulas in each chapter together.
- Is the first book of the physics series.



*Minee ... The General Features**

We can summarize the general features of Minee strategy as follows:

- 1- Attractive:** Minee strategy transforms the thinking process into an enjoyable creative artistic skill.
- 2- Easiness:** to understand and apply.
- 3- Focus:** and reduce mental distraction.
- 4- Speed:** solving and understanding problems and passing on a large number of them quickly.
- 5- Inclusivity:** in its ability to apply to a wide range of science curricula and subjects.
- 6- Depth:** where Minee strategy intersection with several modern educational trends.
- 7- Flexibility:** in its ability to adapt and change.

*Our book "Minee Strategy ... Convincing & Courting the Mind" provides more detail about mental skills and the strategic dimensions of implementing Minee strategy.



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.
- Enjoyable challenge for complex problems.
- Using Minee in theoretical derivation.
- Attraction of the teacher's mind to the artistic and creative skills of the student.
- Focusing on the exam.
- Its application to a wide range of scientific subjects and curricula.



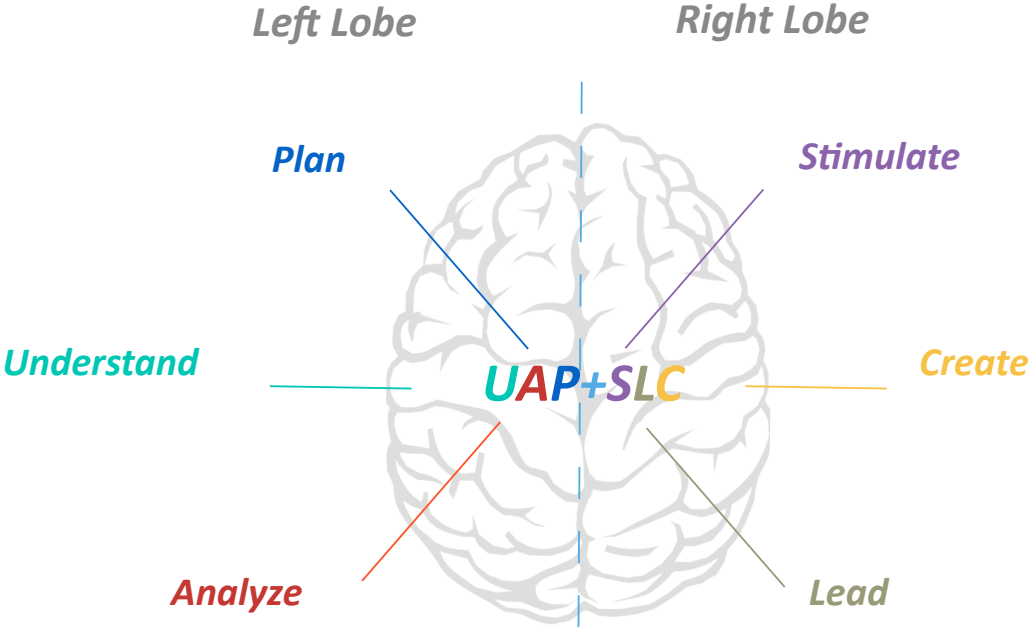
Minee ... Benefits for Teachers

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

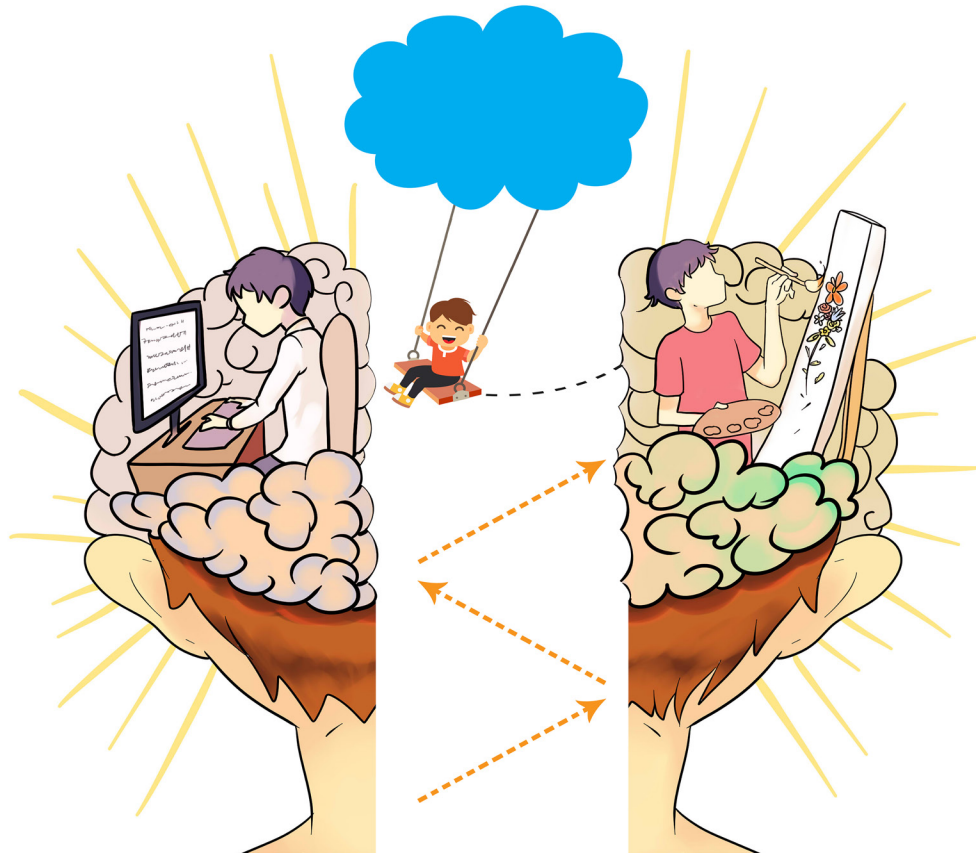
- An effective strategy in correcting scientific problems.
- An effective strategy in creating new scientific problems.
- An effective strategy in leadership of the learning process.



How Does Minee Strategy Affect The Learning Process?



Some Examples



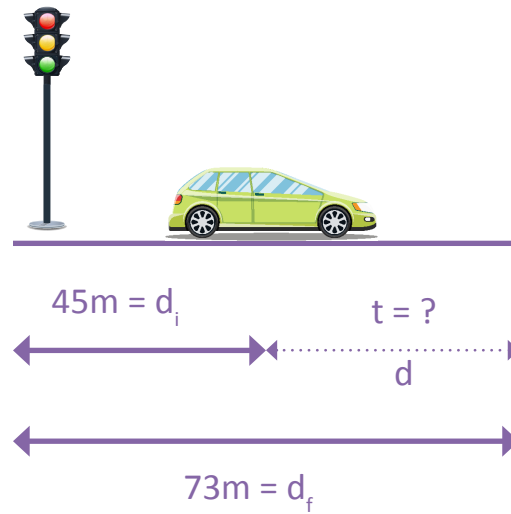
Creative Swing

*When your thought “swings” between your two mind lobes,
then your learning power will multiply.*

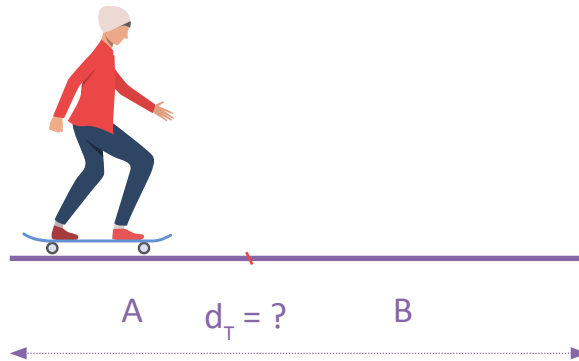
“The mind works on a mutual stimulation principle.”
(Buzan, T. Mind Map)

Example: ($d_f = d_i + d$)

Figure

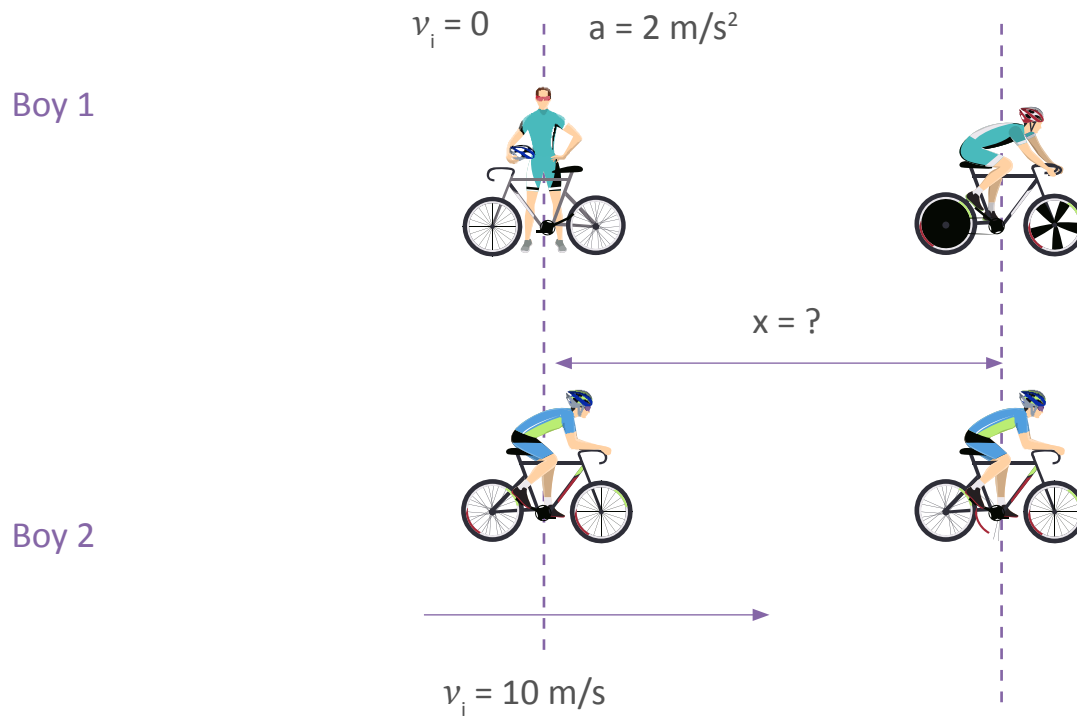


Example: (Skateboarder)



Example: (Two Bikes)

Figure



*Example: (The Elevator)**

Figure

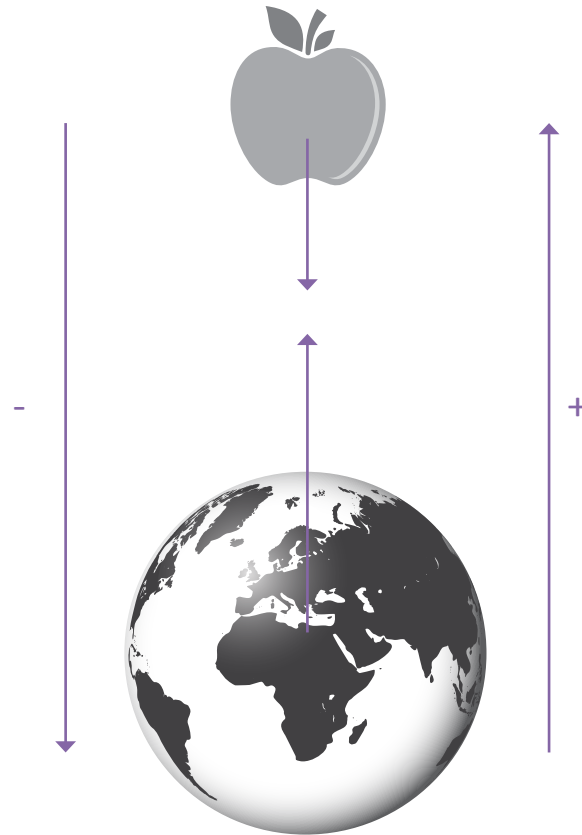


Balance



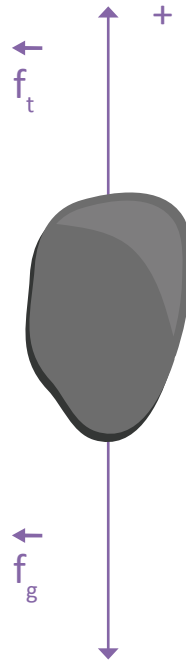
Example: (Earth & Apple Attraction)

Figure



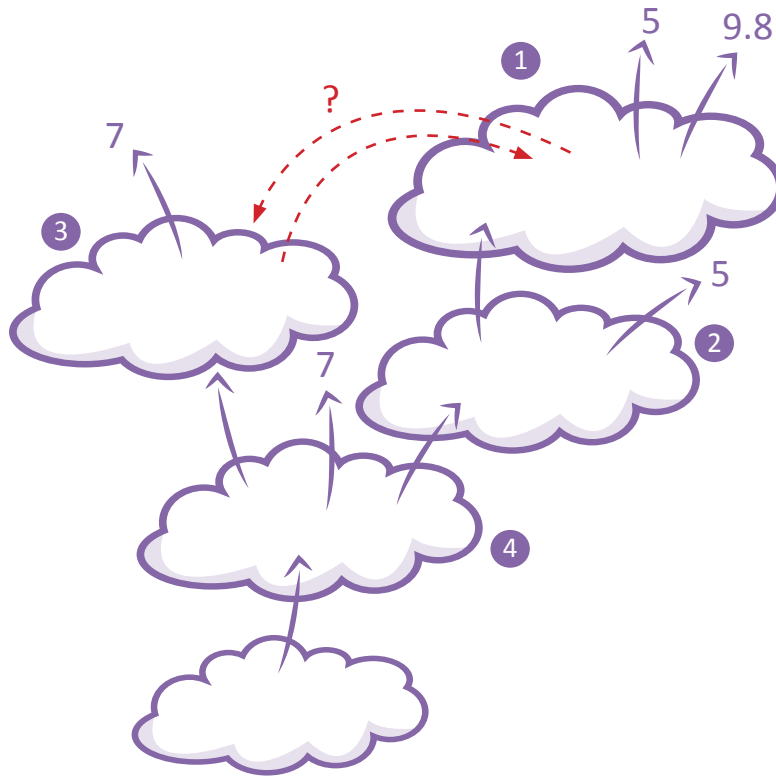
Example:(Will The Rope Cut Off?)

Figure

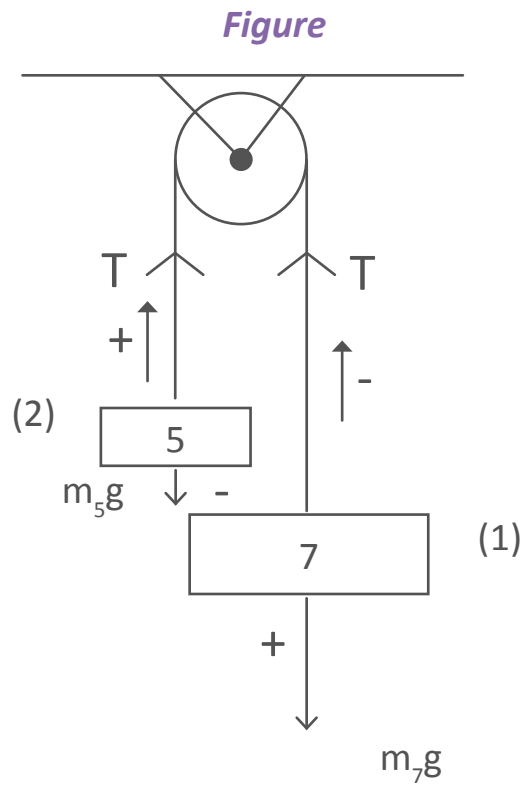



Minee ... Closed Branches

One of the exciting things is that Minee sometimes shows complex challenges (scientifically and creatively). That is what I call "closed branches", where the easy branches have closed and intertwined with each other so that you can't see the end.



Example: (Two Blocks Hanging on a Reel ... 6 Tree Plantings)

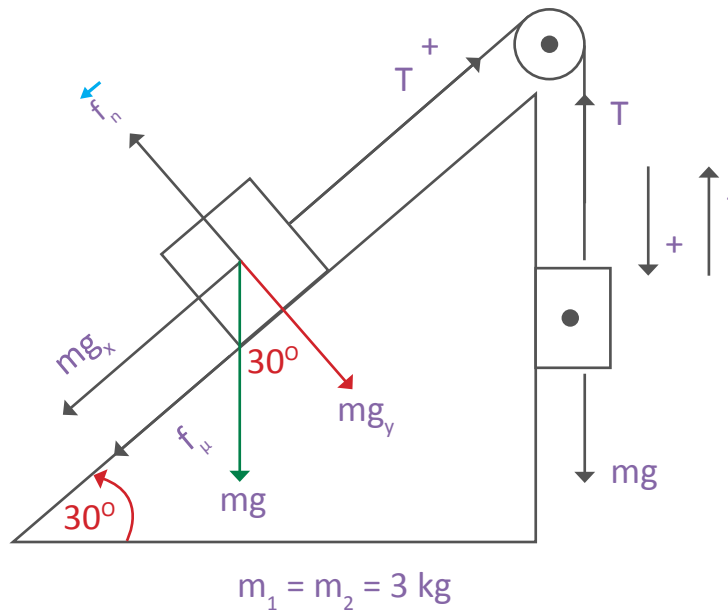




*Minee gives you new opportunities for creativity..
with every challenge you face.
It is a factory of ..
beautiful challenges.*

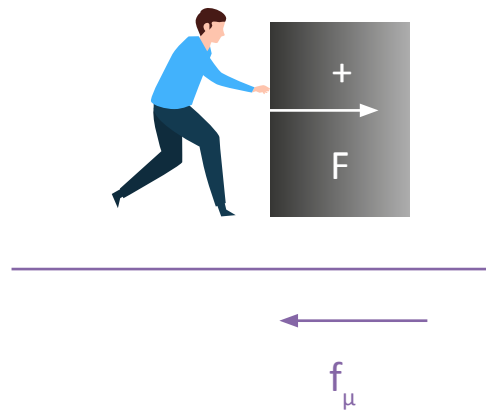
Example: (Reel and a sloping Surface)

Figure



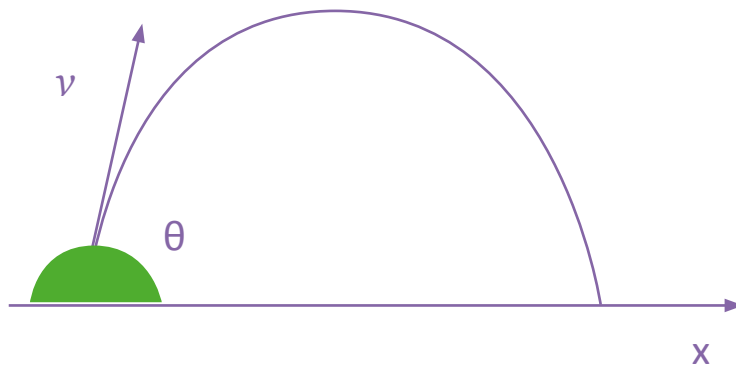
Example: (Friction Force)

Figure



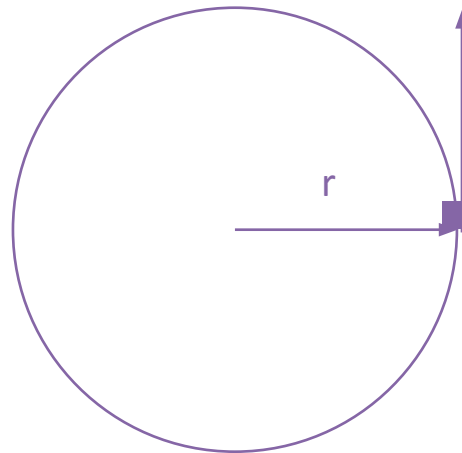
Example: (Projectiles 1)

Figure



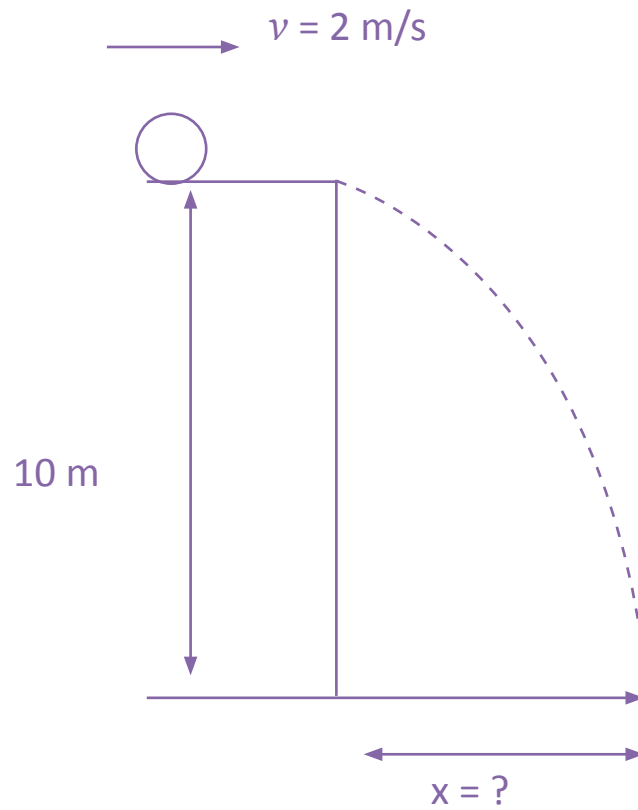
Example: (Circular Motion)

Figure

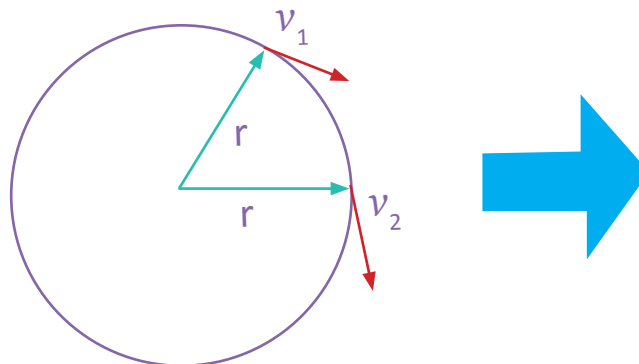
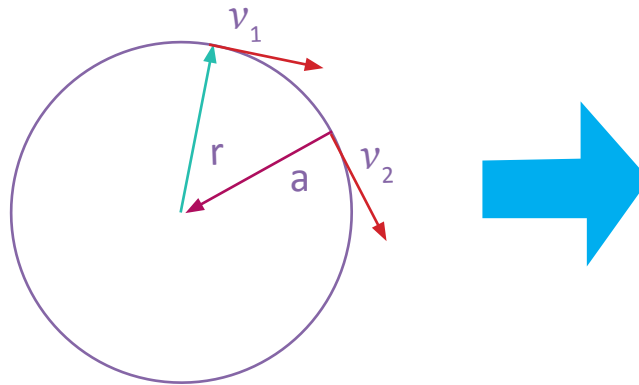


Example: (Projectiles2)

Figure

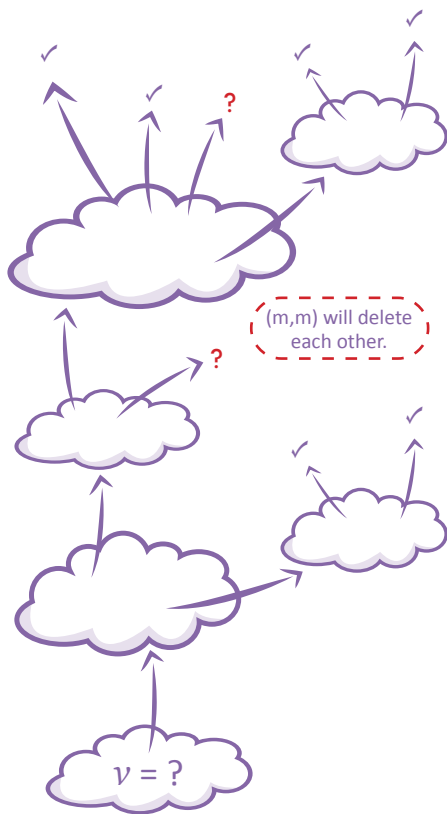


Derivation ... Central Acceleration



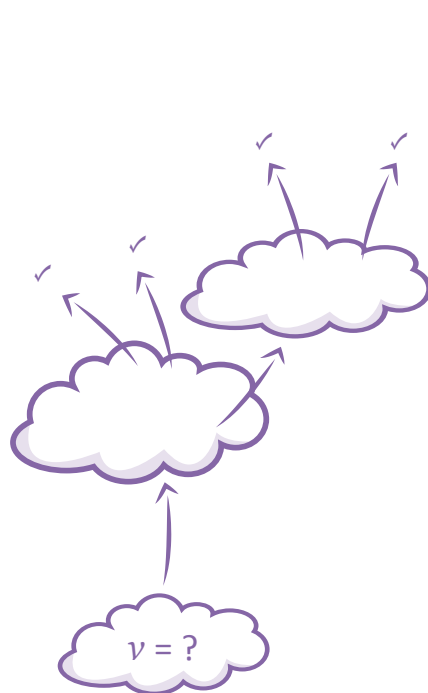
Example: (Velocity of Satellite ... 3 Options)

Tree Planting 1



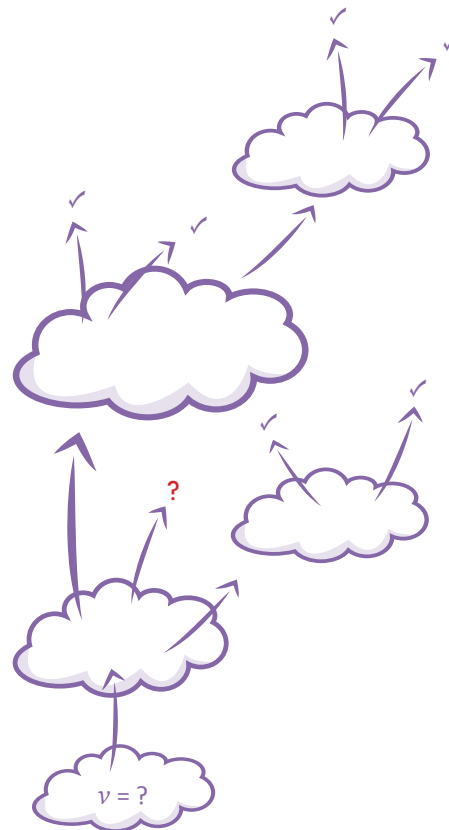
if you don't know the " v "
formula

Tree Planting 2



if you know the " v "
formula

Tree Planting 3

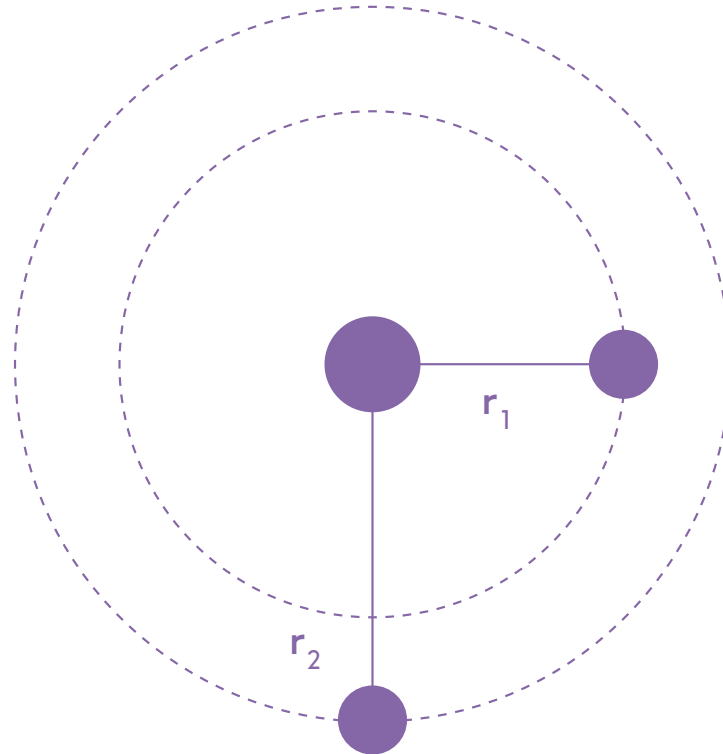


if you don't know the " v "
formula

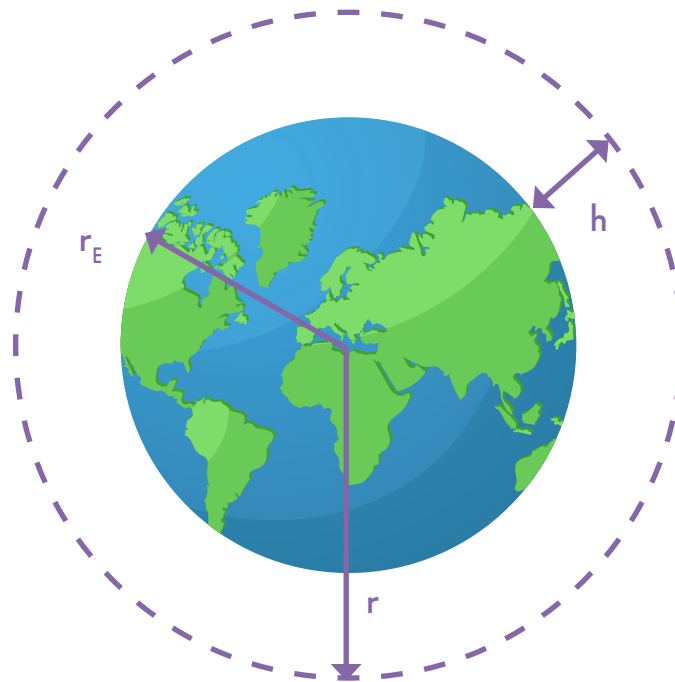


Example: (Two Satellites)

Figure



Example: (Satellite's Height)





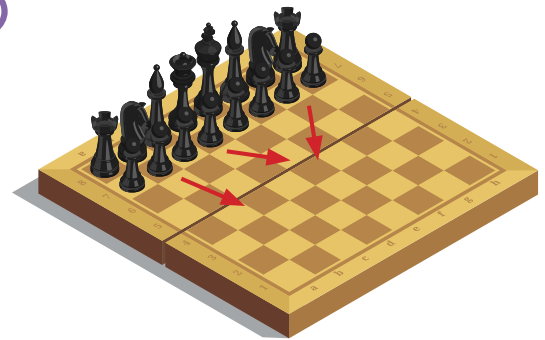
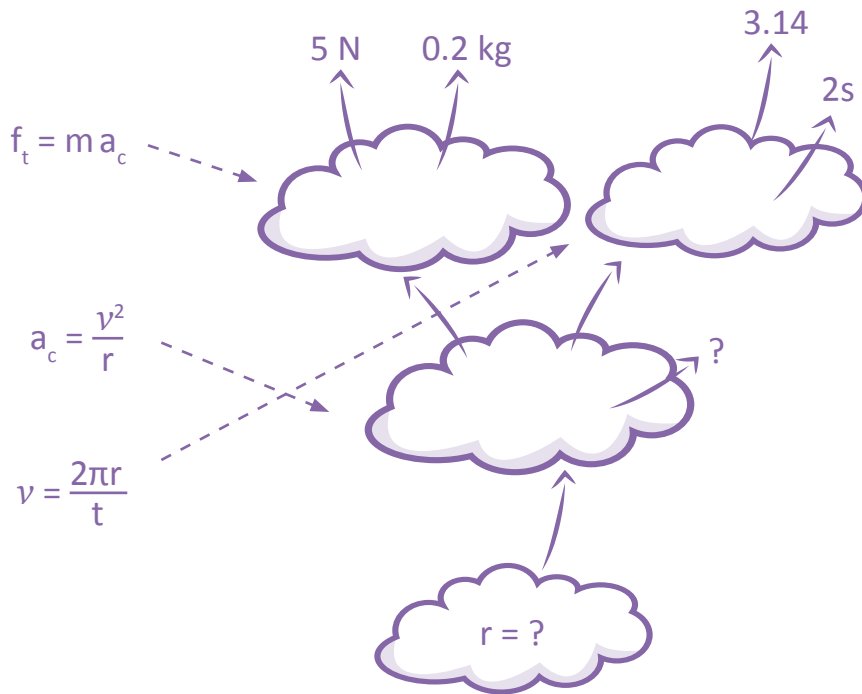
Move your scientific ideas ... Just as you move chess pieces.

Creative Symmetry

Scientific Treasury

Tree Planting

Chess Game



Other Ideas About Minee Strategy

The successive intellectual brainstorming of a Minee Strategy does not stop there. Here is a list of several other ideas that we intend to publish in our third book "Minee Strategy ... More Details".

- *Start's options.*
- *Fruit Picking Options.*
- *Confusion Removal Options.*
- *Alternative Formulas.*
- *Alternative Arrows and Clouds.*
- *SMT (Specific Mental Technique)*
- *Unfinished Minee.*
- *Rain Clouds Technique.*
- *Indirect Minee*
- *Flow varies from one person to another.*
- *Ideal Minee.*
- *Jet Minee.*
- *Minee and the Fish Shape.*
- *Minee... Mathematical View.*
- *Minee... Determine your learning Approach.*
- *Physiological Anatomy of Minee.*
- *Psychological Anatomy of Minee.*
- *What Should You Do When Minee fails?*
- *Minee and Physics Problem Tree.*
- *Mineetion Strategy.*



Share Your Creativities

Thanks for sharing.

And we await to learn from you when you share your creativity in implementing Minee strategy in solving problems, deriving scientific formulas, and applying them to various scientific topics.

We are honored to publish your contributions on our website, books, and social media accounts.

Please send your contributions (text, pictures, video) via:

info@mineestrategy.com

Or: <https://www.linkedin.com/in/mineestrategy>

We are waiting.

Oraini


7/1/2022 Oraini



Our Books

Minee Strategy ... for High School Students& Teachers

Minee Strategy ... Convincing & Courting the Mind

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



Our Coming Books

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



Our Current Videos


Enjoy our free learning videos on our YouTube channel:


Minee strategy, for students, teachers, and everyone.


 **Compare**

| Traditional Solution | Minee Strategy |
|--------------------------------------|------------------------------|
| Does not stimulate the mind to think | Stimulates the mind to think |


New Creative Learning Approach
to Solve Scientific Problems

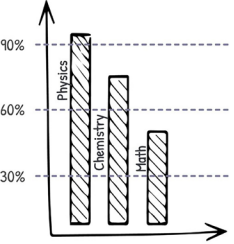


 **Tree Planting** **Fruit Picking**




Plant the Scientific Problems As you Plant the Trees


 How many percent of problems can we solve using Minee strategy?"




| Subject | Percentage |
|-----------|------------|
| Physics | 90% |
| Chemistry | 75% |
| Math | 50% |

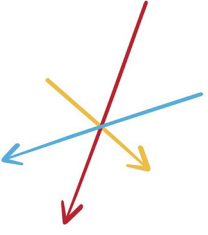
For High School Students and Teachers

 **Mutual Stimulation To solve Scientific Problems**



Let Your Thoughts Swing.

 **Intersection of.. Education Strategies**



Education Development

Robert Thorn speaks about Minee Strategy



LOBs of Minee

Lines of Business:

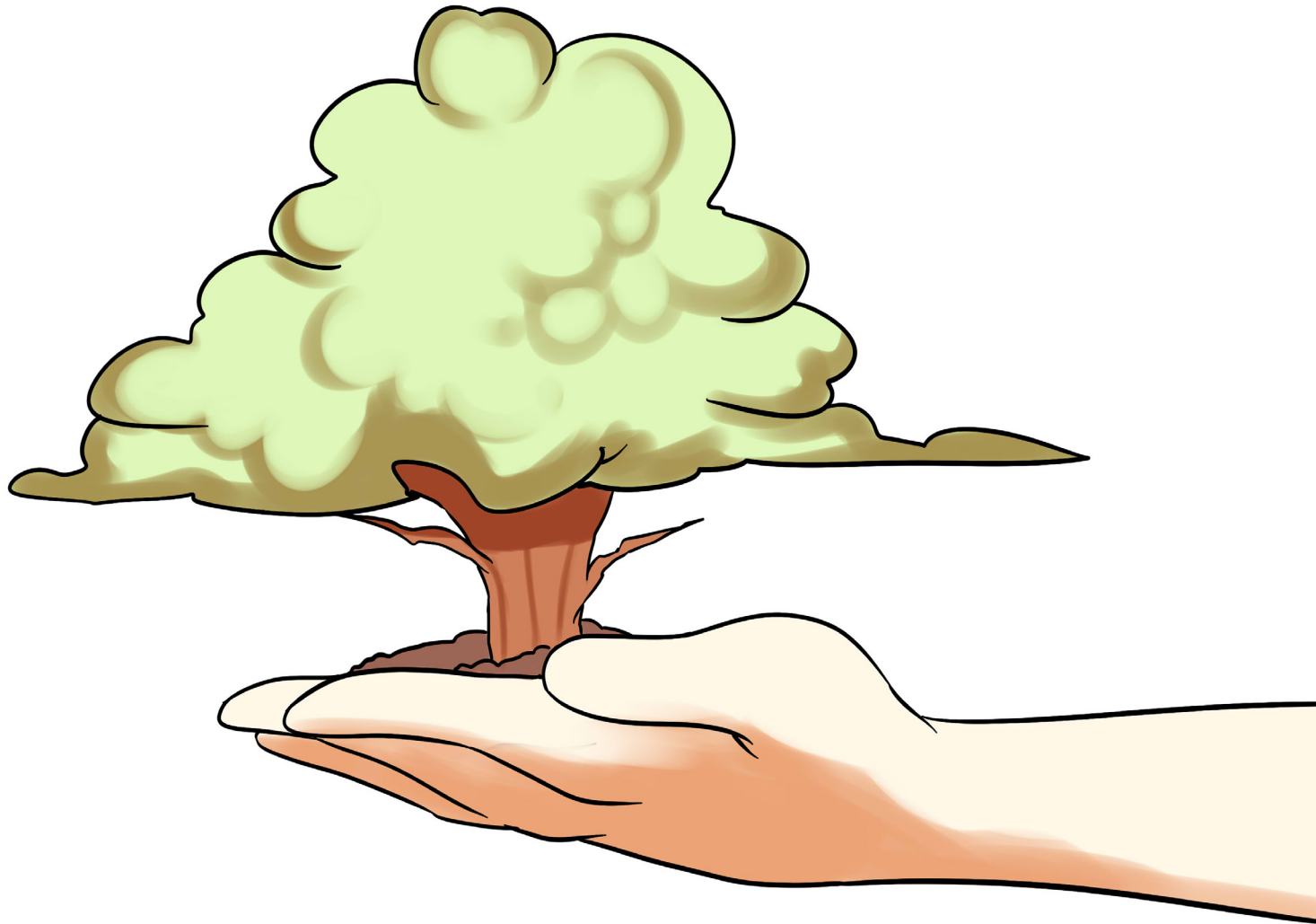
- Free Learning Videos.
- Books.
- Training.
- Curricula Development Using Minee Strategy.
- Minee Strategy Development.
- Software Applications.

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

Info@mineestrategy.com

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





*The Idea Grows...
As The Seed Grows.*

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

Traditional Solution

Does not stimulate the mind to think

Merges thinking with calculations

Starts solution directly

Starting point is not always clear

It is difficult to absorb all options

Neglects the right lobe

Does not arrange implementation steps accurately

Minee strategy

Stimulates the mind to think

Separates thinking from calculations

Plans before starting

Always, starting point is clear

It is easy to absorb all options

Activates the right lobe

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

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