Apply a range of teaching strategies to develop critical and creative thinking skills, as well as other higher-order thinking skills.
Hello, dear Teacher! Welcome to this Resource Package.

I am Teacher Jen!

And I am Teacher Mike!

We are members of your support group. Together with your principal, master teacher, and co-teachers, we are pleased to be your guides and companions as you walk through the modules.

Are you ready?

We begin by letting you know how the journey started for us in putting together this resource package.

In August 2017, Department of Education Secretary Leonor Briones signed the Philippine Professional Standards for Teachers (PPST) into policy through DepEd Order No. 42, S. 2017. The policy states, among others, that the PPST “shall be used as a basis for all learning and development programs for teachers.”

The Department of Education is committed to supporting your continuing professional development. This resource package hopes to contribute to this commitment.

As a teacher, understanding the PPST is crucial in order for you to grow and flourish in your profession. The PPST identifies what you are expected to know, be able to do, and value in your profession.
This resource package:

- serves as your guidebook towards becoming better acquainted with the PPST;
- comprises 12 modules corresponding to the 12 indicators that are aligned with the Results-based Performance Management System (RPMS); and
- contains illustrative and instructive information that you will find realistic, sensible and workable and can help you achieve the target indicators across curriculum teaching areas and key stages of learners’ education.

We are happy to say that this resource package has been created and compiled by teachers in support of other teachers.

You will find the materials here useful if you:

- reflect on your own classroom practices, and ensure that your teaching practices are aligned with the indicators;
- want to mentor beginning teachers so they become better in their practice;
- are a part of a group of teachers who need materials for your school-based Learning Action Cell (LAC) sessions in order to (i) learn more about the PPST and (ii) innovate on practices using the samples in the resource material as guide; and
- want to develop or expand the current work by (i) providing more examples of practices or (ii) working on other career stages or indicators other than the 12 presented in this package.

*If learning is your passion, this resource package is for you.*
What can you expect to find in each module?

You will discover that each module discusses a specific indicator, defines its key concepts and provides relevant illustrations of practice that may help you understand and attain the indicator.

The modules explore the following indicators:

**MODULE 1**
1.1.2 Apply knowledge of content within and across curriculum teaching areas.

**MODULE 2**
1.4.2 Use a range of teaching strategies that enhance learner achievement in literacy and numeracy skills.

**MODULE 3**
1.5.2 Apply a range of teaching strategies to develop critical and creative thinking, as well as other higher-order thinking skills.

**MODULE 4**
2.3.2 Manage classroom structure to engage learners, individually or in groups, in meaningful exploration, discovery and hands-on activities within a range of physical learning environments.

**MODULE 5**
2.6.2 Manage learner behavior constructively by applying positive and non-violent discipline to ensure learning-focused environments.

**MODULE 6**
3.1.2 Use differentiated, developmentally appropriate learning experiences to address learners’ gender, needs, strengths, interests and experiences.

**MODULE 7**
4.1.2 Plan, manage and implement developmentally sequenced teaching and learning processes to meet curriculum requirements through various teaching contexts.

**MODULE 8**
4.4.2 Participate in collegial discussions that use teacher and learner feedback to enrich teaching practice.

**MODULE 9**
4.5.2 Select, develop, organize and use appropriate teaching and learning resources, including ICT, to address learning goals.

**MODULE 10**
5.1.2 Design, select, organize and use diagnostic, formative and summative assessment strategies consistent with curriculum requirements.

**MODULE 11**
5.2.2 Monitor and evaluate learner progress and achievement using learner attainment data.

**MODULE 12**
5.4.2 Communicate promptly and clearly the learners’ needs, progress and achievement to key stakeholders, including parents/guardians.
The module contains the following parts:

- **OVERVIEW** introduces you to the indicator and why you need to achieve the indicator;
- **SELF-REFLECTION** allows you to reflect on your knowledge, skills and attitude related to the indicator;
- **KEY CONCEPTS** defines key concepts pertinent to the indicator;
- **SUPPORT GROUP** allows you to consult and collaborate with our teacher-friends who will provide suggestions on how to improve your current practice;
- **ILLUSTRATIONS OF PRACTICE** walks you through sample illustrations of specific teaching practices that show how the Standards are put into action;
- **PROFESSIONAL DEVELOPMENT PLAN** helps you identify your strengths and development needs and plans for specific action for professional development; and
- **RESOURCE LIBRARY** provides you with resources (which may include bibliography, forms, templates, appendices and links) that can help you further understand the indicator.

Each module takes you through a journey of exploration and discovery, while you learn more about the indicator and you apply it in your teaching context.

We encourage you to actively engage with the text as you read through the module.

We hope you find the information, materials and resources in this package helpful as you engage with the Philippine Professional Standards for Teachers towards your professional development.

We, Teacher Jen and Teacher Mike, will be with you every step of the way.

*Have a happy journey.*
APPLY A RANGE OF TEACHING STRATEGIES TO DEVELOP CRITICAL AND CREATIVE THINKING, AS WELL AS HIGHER-ORDER THINKING SKILLS
Hello! I am Teacher Jen. Welcome to Module 3. I invite you to look at the illustration below.

How’s the teacher in the illustration? Is he really facilitating critical thinking among his students?

As Proficient teachers, we come to class every day with a hope that we will make learning for every learner meaningful. Equipped with sufficient knowledge and skills, we embrace the world of diverse learners. One of the challenges we face is how to engage them into classroom activities that foster critical, creative and higher-order thinking skills.

More than making our learners remember what we teach, we also want them to use the knowledge they learn to analyze problems, evaluate options and create solutions. This can only be possible when learners are provided with classroom environments that develop and nurture their thinking skills.

In this module, we will focus on:

- **STRAND:** Strategies for developing critical and creative thinking, as well as other higher-order thinking skills
- **INDICATOR:** 1.5.2 Apply a range of teaching strategies to develop critical and creative thinking, as well as other higher-order thinking skills
KEY CONCEPTS

Understanding the following significant concepts facilitates deeper appreciation of the indicator and helps you deliver lessons that are responsive to creative, critical, as well as higher-order thinking skills. So, let us now acquaint ourselves with the following key concepts.

TEACHING STRATEGIES. These refer to the structure, system, methods, techniques, procedures and processes that a teacher uses during instruction. These are strategies the teacher employs to assist student learning.

CREATIVE THINKING SKILLS. These are thinking skills that involve exploring ideas, generating possibilities and looking for many right answers rather than just one.

CRITICAL THINKING SKILLS. These are high level thinking skills such as analysis, evaluation, interpretation, or synthesis of information and application of creative thought to form an argument, solve a problem, or reach a conclusion.

HIGHER-ORDER THINKING SKILLS. These are complex thinking processes which include analysis, evaluation, synthesis, reflection and creativity.
Let us first reflect on current practice regarding our application of teaching strategies for developing critical, creative, and other higher-order thinking skills.

Considering the key concepts, I have written down my reflections on this.

**KNOWLEDGE**

As a Proficient Teacher, I know...

... the diversity of personal experiences of my students, given their individual familial, social and cultural backgrounds.

**SKILLS**

As a Proficient Teacher, I do...

... various classroom activities that give my pupils opportunities to analyze, explore, and create new concepts.

**ATTITUDES**

As a Proficient Teacher, I feel...

... that learners become productive when the activities I give encourage them to think beyond and without restrictions.

Now, it’s your turn to reflect on your knowledge, skills and teaching strategies to develop the learners’ critical, creative, and other higher-order thinking skills.
Welcome to our support group! We are here to help you enrich your teaching practice.

Below are current practices of teachers in the classroom. Take time to read and compare the strategies they used.

Two Grade 5 Science teachers teach the same competency in Science: SSMTIc-d-2 Investigate changes that happen in materials under the following conditions: 2.2 application of heat.

Teacher A delivers a lecture on the changes that happen to certain materials under the application of heat. In her discussion, she asks her learners questions, such as “What happens to paper when it is burned?” To evaluate their learning, she provides them with a worksheet that contains questions about the topic.

Teacher B at the beginning of the lesson asks “What will our lives be without heat?” Then, she poses the question “What will happen to the different materials when they are subjected to heat?” She then elicits answers from the class and writes them on the board. After, she guides the learners to conduct experiments on the effect of heat on various materials. She then allows them to present and explain their findings. As an enrichment activity, she asks them to think of a new device that produces heat and to identify its function.

What can you say about their instructional practice? Please answer and reflect on the probing questions on the following page.
In what way(s) do the teachers’ practice differ?

____________________________________________________________________
____________________________________________________________________
____________________________________________________________________
____________________________________________________________________
____________________________________________________________________
____________________________________________________________________.

Which teacher practice is more engaging for the learners? Why?

____________________________________________________________________
____________________________________________________________________
____________________________________________________________________
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____________________________________________________________________.

Which teacher practice will create more meaningful learning experience for the learners? Why?

____________________________________________________________________
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____________________________________________________________________.

Which teacher practice demonstrates a strategy to develop critical thinking?

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____________________________________________________________________.
The teacher’s application of instructional strategy is crucial in the development of critical, creative and higher-order thinking skills.

In the presented sample teacher practice, both teachers work on similar content but deliver it differently.

Teacher A’s traditional lecture method centers on the role of teachers as transmitters and sources of knowledge. Consequently, learners are viewed as passive receivers of information.

On the other hand, Teacher B demonstrates guided inquiry in instruction. She engages the learners through problem-based activities. She encourages them to experiment, to test their hypotheses, and to communicate their findings. As post-teaching activity, she asks them to create as an extension and application of what the learners learn in the class. These strategies stimulate them to infer, make decisions, formulate ideas and solve complex problems.

We need to remember that our instruction should apply a range of strategies to develop creative, critical and higher-order thinking skills. Our learners are thinking and creative individuals. Our role then is to unleash the creativity in each of our learners.

Wow! We hope we are able to help you! You can incorporate your suggestions in your lesson next time.
Teacher Mike and I will walk you through the different illustrations of practice that apply a range of teaching strategies to develop critical and creative thinking, as well as other higher-order thinking skills.

We hope you’ll have fun! Let’s go!

ILLUSTRATION OF PRACTICE NO. 1:
Development through Problem-Based Strategies

Read the following practices of teachers using problem-based learning.

1 Mila, an elementary Science teacher, facilitates the teaching process that will enable her learners to describe the effects of a typhoon on the community (SSFEIVE-5).

To allow her learners to demonstrate profound understanding of this competency, she engages her class to work on a problem-based task as presented below:

Application:
Your community is prone to destructive typhoons. In groups of 5, think of a possible structure of a typhoon-proof house. Explain the reasons behind its structure.
Maritess, an elementary Araling Panlupunan teacher, enables her learners to patronize locally made products (AP6TDK-IVgh-7: Naiuugnay ang kahalagahan ng pagtangkilik sa sariling produkto sa pag-unlad at pagsulong ng bansa).

To facilitate understanding of the topic, she employs a group activity:

**Pangkatang Gawain**

Bilang mga empleyado ng isang advertising company, naatasan kayong ipromote ang local na produkto ng inyong bayan. Gumawa ng isang ad campaign para rito.

It can be noted that problem-based learning (PBL) can be employed in all learning areas and all levels. As you noted with the cited illustrative practices, PBL as a teaching method uses complex real-world problems to promote student learning of concepts and principles. Aside from the understanding of content, it promotes critical thinking skills, problem-solving and communication skills. Likewise, it can provide opportunities for working in groups, finding and evaluating materials and life-long learning (Duch, Groh, and Allen, 2001).

**HOW TO DO IT?**

Problem-based learning can be implemented by considering these steps (Duch, Groh, and Allen, 2001).

1. Choose a learning goal for the learners to attain at the end of instruction.
2. Think of a real-world context for the understanding of the content. Build realistic applications of the concept being taught.
3. Identify the teaching contexts where the problem may be introduced. In doing such, be guided by these questions:
   a. What open-ended questions can be asked?
   b. What learning issues will be identified?
   c. How will the problem be structured?
   d. What resources will the students need?
   e. What end product will the students produce at the completion of the problem?
4. Evaluate the learners’ performance using appropriate tool/s and provide feedback. Make and deliver activities/exercises aligned with the lesson objectives.
Teacher Joe reads a story to his Grade 4 learners. After reading the story, he asks among his learners questions about it.

Let’s take note of his effective questioning strategies by focusing on the set of questions he prepared for the class:

a. Who were the characters in the story?
b. Why was the mouse so eager to go to the seashore?
c. Why were his parents alarmed by his decision?
d. What challenges did he encounter on his way to the seashore?
e. What do you think did the parents mean when they say “the world is full of terror”? Do you agree with what they said? Why or why not?
f. What could be another way for the mouse to pursue his dream?
g. If you were to pursue your own dream, how would you do it?

As you note, these questions require the learners to recall information from the text read. These call for low-order thinking skills like remembering. These questions, answered by single responses, are called convergent questions.

On the other hand, these questions require learners to answer by analyzing, synthesizing, and evaluating. These are divergent, open-ended questions and may have multiple answers.
From the practice, effective questioning can be used as an important classroom tool to develop critical, creative and higher-order thinking skills. It is also important that teachers like you have deep understanding of the learning objectives as constructed.

According to McComas and Rossier (2005), if you want your students to recall and remember certain knowledge, ask them low-level convergent questions; however, if you want to see if students understand and are able to transfer knowledge, ask them divergent questions. Similarly, they indicated that low-level divergent questions should be asked to see if students can make inferences, find the causes and effects of an issue, and make generalizations; on the other hand, to make them speculate, make evaluations, and think creatively, they should be asked high-level divergent questions.

As teachers, we should have a profound understanding of how learning goals are structured so we can formulate questions appropriate to the levels of thinking we want to develop among our learners.

To develop critical thinking among your learners, your questioning should encourage them to analyze, evaluate and create with sample tasks as presented in the table:

## How to Ask?

<table>
<thead>
<tr>
<th>Decide on your goal for asking the questions.</th>
<th>Reinforcement: You should reinforce student responses and questions in a positive way in order to encourage future participation.</th>
<th>Redirect: When your student responds to a question, you can ask another student to comment on his statement. One purpose of using this is to enable more learners to participate.</th>
</tr>
</thead>
</table>
| Ask questions that require an extended response or, at least, a “content” answer. Avoid Yes-No questions. Refrain also from asking implied response questions, e.g., Don’t we all need to follow traffic rules? | Probing. As a questioning strategy, this encourage learners to explore initial comments. Probes are useful in getting students more involved in critical analysis of their own and other students’ ideas. | Rephrasing: When your student provides an incorrect response or no response, you may:  
  a. reword the question to make it clearer.  
  b. provide additional information for the learner.  
  c. break the question into manageable parts. |
| Phrase your questions so that the task is clear to students. | Adjust/Refocus: When a student provides a response that appears out of context, you can refocus to encourage the learner to tie his or her response to the content being discussed. | Using “wait time”: Employ “wait time” between asking a question and doing something else (calling on a student or rewording the question). Give the learners one to three seconds for them to comprehend the questions. |

For your quick guide, please take note of the following considerations (Illinois Center for Innovation in Teaching and Learning):
ILLUSTRATION OF PRACTICE NO. 3: Development through Visualization

Mhawi teaches Grade 7 English. In order to develop the creative and critical thinking skills of his learners, he uses visualization strategy in his lesson on The Centipede by Rony V. Diaz.

Let us take a look at the procedures employed in his class.

**Teacher Mhawi:** I will read an excerpt from the story The Centipede by Rony V. Diaz. As I read to you, I will visualize the text in my mind.

"Beyond the ipil grove, in a grass field we spotted a covey of brown pigeons. In the open, they kept springing to the air and gliding away every time we were within range. But finally, they dropped to the ground inside a wedge of guava trees. My father pressed my shoulder and I stopped. Then slowly, in a half-crouch, we advanced. The breeze rose lightly; the grass scuffed against my bare legs. My father stopped again. He knelt down and held my hand."

(Teacher Mhawi takes 5 minutes to sketch what’s on his mind. After that, he shows to the class his sketch.)

Now, I will read a passage for you to visualize. Close your eyes and create an image based on the text read. Accomplish the Sketch-to-Stretch template based on your interpretation of the excerpt. Do not worry about your sketches.

**Sketch-to-Stretch**

Directions: Sketch your response to the excerpt in the box below. Remember not to worry about artistic quality; just sketch your reaction.

Teacher Mhawi incorporates visualization strategy in his English class. It is a creative thinking strategy which promotes insight, enhances creativity, expands imagination, and strengthens problem-solving skills. This strategy opens up thinking by using sensory information to stimulate imagination with both spoken and written words (Calaguà & Tenally, 2014).
So how do you teach students to use visualization? Here are some points to consider when using visualization strategy (Miller, 2004):

1. Teachers should directly model the thought processes involved in visualizing. They should read familiar text and describe the images they see in their mind.

2. Read a passage for students to visualize. Choose something that is descriptive so they can easily create vivid images in their mind. Explain to students that when they visualize, it is important to use their background knowledge and words in the text to help them imagine a picture in their mind. It is important students understand that there is not one correct answer. For younger students, start with an object and describe it by color, size, shape and smell. Ask students to close their eyes and create an image.

3. Students should share their images with a partner. They can use the “Think, Pair, Share.” technique. After forming an image, they should pair up with a partner, and share what they have visualized. Allow students to choose their own subjects to describe to each other.

4. Teachers should use a different selection from the same text and ask students to illustrate while they listen to the teacher read a passage. Students should share and discuss their images.

5. Students should practice the strategy frequently. They should use visualization during read-alouds and silent reading. Teachers should incorporate both drawings and mental imagery to meet the needs of all students.
Teacher Mandy prepares her learners to facilitate discussion in their carpentry class. Their class is working on the following competency: formulate safety nets to control hazards and risks in the work place (TLE_JACP7/8ID-O|2).

Take note of the activity using the PMI Tool in Teacher Mandy’s class.

**Activity No. 1**

*PMI Your Thoughts*

You are working on a project of restoring an ancestral house in the locality. You noticed that there are hazards and risks in your workplace. What are the positive, negative and interesting points you can derive from the situation?
Teacher Mandy exposes the learners to PMI (plus, minus, interesting) strategy. It is a brainstorming, decision making and critical thinking tool. It is used to encourage the examination of ideas, concepts and experiences from more than one perspective. PMI was developed by Dr. Edward de Bono, a proponent of lateral and critical thinking.

This is simply represented by this three-column chart:

<table>
<thead>
<tr>
<th>P</th>
<th>M</th>
<th>I</th>
</tr>
</thead>
</table>

**HOW TO DO IT?**

The following might help you in using PMIs:

**Step 1. Consider the Plus Points**
In this step, simply enumerate all of the positive things you can think of. Don’t critique yourself along the way; simply spill out all the positive points that you can think of.

**Step 2. Consider the Minus Points**
In this step, enumerate all of the negative things you can think of. Again, don’t critique yourself. Simply spill out all the negative points you can think of.

**Step 3. Consider the Interesting Points of the Situation**
In this step, enumerate all the interesting points that you can think of. Rather than positive or negative, they are simply points of interest that you should direct your attention to.

**Step 4. Make your conclusion**
In this step, you make your judgement because you’ve scanned and organized three important aspects: the positives, the negatives, and the interesting.
The learners in Teacher Maricris’ class learn about the relationship between the visible constellations in the sky and the Earth’s position along its orbit in their Grade 9 Science class.

After the discussion of all the topics, Teacher Maricris prepares a culminating activity for her learners through Role, Audience, Format and Topic (RAFT).

Take time to ponder on the RAFT activity.

It can be noted that Teacher Maricris does not only focus on the content subject area but also develops the critical and creative thinking skills of the learners through the use of RAFT strategy. According to Buehl (2009), RAFT is a writing strategy that helps learners understand their role as a writer and they can communicate their ideas effectively. It also helps the learners focus on their writing task and discover ideas from writing. By using this strategy, the teacher can encourage the learners to write creatively and effectively.
Having seen how Indicator 3.1.2 can be achieved, you are now better equipped to develop your learners’ critical and creative thinking skills, as well as other higher-order thinking skills.

Further, below are illustrations of practice that you may consider in aligning your teaching practices with this indicator.

Happy working!

OTHER ILLUSTRATIONS OF PRACTICE

The teacher challenges learners cognitively to advance high-level thinking and discourse.

CRITICAL THINKING

• The teacher asks directive and purposeful questions to exercise learners’ problem-solving and decision-making skills.
• The teacher encourages learners to ask questions not just to provide answers but to nurture their problem-solving skills.
• The teacher allows time for learners to ponder on questions, issues or problems.
• The teacher gives learners a variety of experiences that prompt learners to formulate, infer, make decisions, consider possibilities, make judgements and solve complex problems, e.g.,
  • writing reflective journals to state their stand, to reason out, and to present both sides of an issue or argument,
  • participating in peer group activities where members analyze arguments, judge the credibility of every statement, interpret the statements, and generalize ideas,
  • reflecting on what they know, what they will learn and what they have learned.
  • categorizing things in many possible ways.

CREATIVE THINKING

• The teacher employs divergent thinking strategies which encourages learners to think “out of the box” by asking them to define a problem, provide solutions and explain implications of the solution. Learners think of many different and unusual ideas and points of view, then adds details to improve those ideas.
• The teacher uses instruction that is designed to aid learners in finding meaning in an academic material and keep it by connecting it to their daily lives, e.g.,
  • providing opportunities for open-ended questions and questions with multiple responses,
  • finding relationships between two seemingly unrelated ideas.
• The teacher uses visualization strategies where learners are tasked to create mental images of something that cannot be seen or that does not exist.
• The teacher employs Creative Dramatics where learners explore ideas through physical activities (e.g., pantomime, mirrors, debriefing).
• The teacher uses analogy where learners compare similar objects or abstract processes (direct) or write about something in another’s perspective (personal).
Apply a range of teaching strategies to develop critical and creative thinking skills, as well as higher-order thinking skills.

**OTHER HIGHER-ORDER THINKING**
- The teacher gives learners opportunities to assess their own work based on the learning goals and make necessary adjustments.
- The teacher teaches learners how to think aloud through modelling (e.g., Thinking Hats).
- The teacher engages learners to think aloud about engaging themselves on a problem. Pupils are paired where one is the problem solver and the other is the listener. The pair shares experience with the group (i.e. thinking aloud through collaborative inquiry).

Learners extend the discussion by inviting comments from their classmates and challenging one another’s thinking.

**CRITICAL THINKING**
- The teacher creates an environment where teacher and learners can freely communicate with each other, express ideas and exchange views that others may not necessarily agree with.

**CREATIVE THINKING**
- The teacher asks learners to offer multiple varied solutions to complex problems through brainstorming.

**OTHER HIGHER-ORDER THINKING**
- The teacher adopts activities that allow learners to monitor their learning (i.e. learning logs, wrap-up, reflective narratives).

Learners themselves ensure that all voices are heard in the discussion.

**CRITICAL THINKING**
- The teacher ensures that questions are within the learners’ level of ability or within the context of their experiences.

**CREATIVE THINKING**
- The teacher generates creative ideas from learners by providing a “big picture” of what they are learning for them to have something to think flexibly about.

**OTHER HIGHER-ORDER THINKING**
- The teacher uses cooperative group work where learners are tasked to discuss understanding, evaluate their own work and other’s work, and reflect on learning.
After you have explored the different key concepts on applying a range of teaching strategies to develop critical and creative thinking, as well as other higher-order thinking skills, you now have a better appreciation of the indicator. Based on your learning in this module, think of what you can do to enhance your professional development.

Fill in the personal action plan below.

<table>
<thead>
<tr>
<th>STRENGTHS</th>
<th>DEVELOPMENT NEEDS</th>
<th>ACTION PLAN</th>
<th>TIMELINE</th>
<th>RESOURCE NEEDED</th>
</tr>
</thead>
<tbody>
<tr>
<td>What are the skills you are good at?</td>
<td>What are the skills you need to improve?</td>
<td>What can you recommend for your development intervention?</td>
<td>When will you implement your plan?</td>
<td>What assistance/resources do you need to implement the plan?</td>
</tr>
</tbody>
</table>
Apply a range of teaching strategies to develop critical and creative thinking skills, as well as higher-order thinking skills.

We also provide you with resources that can help you further understand the indicator.

Annotated Bibliography

The authors present a comprehensive discussion of the learning outcomes offering a revised perspective of Bloom's Taxonomy of Educational Outcomes.

This book provides discussion of classroom strategies for interactive learning of which RAFT is included.

This web page provides description of nine critical and creative thinking strategies than can help learners become better thinkers as they practice these in different content areas.

This presents a revised model of Bloom's taxonomy presenting knowledge and cognitive process dimensions.

The authors present the effectiveness of problem-based learning in the development of critical, creative and other higher-order thinking skills among the learners.

http://www.innovation-creativity.com/pmi.html 
The authors present the PMI as a tool for developing creative and critical thinking skills.

This web page provides comprehensive discussion about questioning as an effective tool to develop critical thinking among the learners.

This material discusses the importance of questions in classroom instruction.

This web page presents visualization as a proven strategy used to improve reading comprehension and provides step-by-step plan on how to teach visualization.
ACKNOWLEDGEMENTS

Leonor Magtolis Briones
Secretary
Department of Education

Allan B. De Guzman, Ph.D.
Luzon Zonal Representative

Rita May P. Tagalog, Ph.D.
Visayas Zonal Representative

Evelyn G. Chavez, Ph.D.
Mindanao Zonal Representative

Lourdes R. Baetiong, Ph.D.
Language Subject Representative

Myrna B. Libutaque, Ph.D.
Mathematics Subject Representative

Lorina Y. Calingasan, Ph.D.
Social Studies Subject Representative

SECRETARIAT
Runvi V. Manguerra, Ph.D.
Executive Director II

Jayson A. Peñafluel
Education Program Supervisor

PROJECT TEAM

Gina O. Gonong, Ph.D.
Joint Project Team Leader and Director
PNU-RCTQ

John Pegg, Ph.D.
Joint Project Team Leader and Director
UNE-SiMERR

Christine Reading, Ph.D.
Senior Research Fellow
UNE-SiMERR

Michael Wilson I. Rosero
Senior Research Officer
PNU-RCTQ

Mikkey Mari M. Tuazon
Research Officer
PNU-RCTQ

PNU-RCTQ and UNE-SiMERR National Research Centre

Jennie V. Jocson, Ph.D.
Deputy Director, PNU-RCTQ

Alain S. Reyes, Ph.D.
Senior Program Manager, PNU-RCTQ

Joy Hardy, Ph.D.
Deputy Director, UNE-SiMERR

Ken Vine, Ph.D.
Principal Research Adviser
UNE-SiMERR

Support Staff
Silvia Danieli
June Billings
Ambrose McDermott

WRITER-COORDINATORS

Jennifer E. Lopez
Education Program Supervisor
Region IV-A

Maria Concepcion Beltran - Montenegro
Faculty, Ateneo de Manila University

WRITERS

Glinore Morales
Beverly Estocapio
Ruby Gantalah
Luis Angelo Abergas
Lyndon Morales
Guillen Nabong
Ezra de Jesus

Adelyn R. Bartolome
Domingo R. Cueto
Alfred James A. Ellar
Mark Anthony P. Idang
Gerlie C. Lopez
Francis Victor A. Medrano
May Grace D. Salazar
Shiela Niña Rea-Santes
Ryan G. dela Torre
John Paul dela Rosa
Grace Urbien-Salvatus
Karina Angela C. Celestial
Arlene M. Hernandez
Christian Mespher A. Hernandez

Sandra A. Garcia
Eduard O. Gonong
Ryan H. Homan
Glen P. Honrado
Neri D. Mangalindan
Amparo M. Muñoz
Natividad V. Nacino
Aufric Alma N. Navarro
Carlo Donato E. Olivan
Jose Ariel S. Padsayan
Jennifer M. Rojo
Gemma A. Realo
Neil Vincent C. Sandoval

EDITOR

Myrna L. Macalinao, Ph.D.

GRAPHICS & LAYOUT ARTIST

Raymond S. Bermudez

AUSTRALIAN EMBASSY

Francesca Lawe-Davies
First Secretary-Education

BASIC EDUCATION SECTOR TRANSFORMATION (BEST) PROGRAM

Kaye Cox
Team Leader

Alison Atwell, Ph.D.
Component Lead
Teaching and Learning

Soledad L. Lecaroz
Teacher Development Adviser

Special thanks: All Regional Directors, Superintendents and Principals who supported the project
Apply a range of teaching strategies to develop critical and creative thinking skills, as well as higher-order thinking skills.
The PPST Resource Package was developed through the Philippine National Research Center for Teacher Quality (RCTQ) with support from the Australian Government through the Basic Education Sector Transformation (BEST) Program.