



January 19, 2019

**Dr. Federico P. Martin**

Schools Division Superintendent

Department of Education-Division of Baguio City

# 82 Military Cut-off Road, Baguio City, Benguet

Dear Dr. Martin:

At the centerpiece of the 20<sup>th</sup> century learning paradigm is the integration of critical thinking across curricular programs to develop and hone the students' abilities in explaining their decisions, providing considerable alternative explanations, determining truth or falsity of assumptions, and developing reasonable arguments, among others.

Although there is a recognition that critical thinking is a primary skill that the workforce expects from employees (World Economic Forum, 2015), both academic institutions and industries recognize there is much to be desired in relation to the critical thinking abilities of students. The study on the critical thinking performance of college students have shown that students manifest less critical thinking (Rostum & Arum, 2011; Halpern, 2001) and that critical thinking is not given priority in teaching (Huber & Kuncel, 2015). Finding of these two biggest studies along with other students only strengthens the need to make the teaching of critical thinking skills a priority across content areas. In line with this development in critical thinking, it becomes apparent that teachers need the pedagogical enabling support to equip them with the conceptual and practical know-how in critical thinking skills enhancement.

This training program aims to provide the teachers with conceptual, structural, and methodological support to promote critical thinking skills development. Through the program, the basic education teachers will be able to design learning spaces and environment, implement apt pedagogical techniques that promote reflective and independent thinking, undertake fair assessment practices, use learning anchors, and organize social learning sessions that are specific to critical thinking skills development and enhancement.

**Objectives:**

This in-service training is purposely designed to:

- Enable the teacher-participants to have a conceptual understanding of critical thinking and critical thinking skills development.
- Provide the proper forum to discuss their conceptualization and experiences in embedding critical thinking in content areas.
- Equip the teacher-participants with the necessary teaching strategies to promote critical thinking.
- Perform microteaching using the systems approach to highlight the application of critical thinking tools and concepts in integrating critical thinking in teaching content areas.
- Enhance the teacher-participants knowledge and skills in applying instructional and assessment tools to draw out pieces of evidence of critical thinking in different content areas.



Due to the increasing demand from the field to make this training more affordable and accessible to participants, **we are bringing this training to your Division**. Thus, training fee will be given in reduced rate. Committed in making the Filipino teachers effective and efficient communicators inside and outside the classroom, ARCZONE would like to request for your support to this teacher training. We hope that you will help us motivate the participants from your division to avail the program.

We also would like to emphasize that **ARCZONE Professional Development, Inc. has been accredited by the Professional Regulations Commission (PRC) as a Continuing Professional Development (CPD) Provider**. This training has corresponding **15 CPD units**.

Attached are the details of the seminar-workshop. For inquiries and reservation please contact us at: (02) 414-6737, 09215761676 and 09054473534.

We look forward to working with you in providing high quality professional development to our educators.

Thank you very much.

Sincerely yours,

Ms. Jesusa F. Flores  
Training Coordinator

To: All School Administrators, Principals & Teachers In-Charge  
(Elementary & Secondary)  
FOR YOUR INFORMATION & APPROPRIATE ACTION  
FEDERICO P. MARTIN, Ed D, CESO VI  
Schools Division Superintendent





## Developing Critical Thinking Skills in the K to 12 Curriculum (English)

### Details of Training

**Dates:** To be suggested by the Division (may be done on weekends/during Summer)

**Venue:** To be suggested by the Division

**Registration fee:** Php 1,200 (to cover costs of travel, meals, accommodation and professional fees of staff and speakers, and seminar kits, handouts and certificates of participants)

\*\*\* Minimum of 150 participants per group (Sessions may be done simultaneously.)

### Program of Activities

Time	Day 1	Day 2	Day 3	Day 4	Day 5
8:00-9:00	<b>Registration</b> <b>Opening Program</b>	<ul style="list-style-type: none"> <li>• <b>Critical reading</b> strategies for effective reading comprehension</li> </ul>	<b>Critical thinking and viewing skills</b> <ul style="list-style-type: none"> <li>• Identifying propaganda</li> <li>• Analyzing biases</li> <li>• Noting implicatures</li> <li>• Etc.</li> </ul>	Preparing instructional materials that develop critical thinking <ul style="list-style-type: none"> <li>• Problem-based tasks</li> <li>• Inquiry chart</li> </ul>	<ul style="list-style-type: none"> <li>• Demonstrati on and critiquing of selected lesson plans (English 4-6)</li> </ul>
9:00-10:00	<ul style="list-style-type: none"> <li>• Critical thinking and critical thinking skills</li> <li>• Importance of Critical Thinking in the ESL classroom</li> </ul>				
10:00-10:15	SNACKS				
10:15-12:00	<ul style="list-style-type: none"> <li>• Critical thinking Elements and Standards (Ellen Elder and Richard Paul)</li> </ul>	<ul style="list-style-type: none"> <li>• Critical reading strategies for effective reading comprehension (cont'd.)</li> </ul>	<ul style="list-style-type: none"> <li>• Teaching language arts through critical analysis of pictures, images and signages</li> </ul>	Preparing instructional materials that develop critical thinking <ul style="list-style-type: none"> <li>• Ten Questions</li> <li>• Thought Bubbles</li> <li>• Etc.</li> </ul>	<ul style="list-style-type: none"> <li>• Demonstrati on and critiquing of selected lesson plans (English 7-10)</li> </ul>
12:00-1:00	LUNCH BREAK				
1:00-3:00	<ul style="list-style-type: none"> <li>• <b>Critical listening</b> in the Language and Literature Classroom</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Workshop:</b> Applying critical reading skills in reading informational texts</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Workshop:</b> Teaching language arts through critical analysis of comic strips and cartoons</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Workshop:</b> Writing Lesson Plans that develop critical thinking skills</li> </ul>	<ul style="list-style-type: none"> <li>• Demonstrati on and critiquing of selected lesson plans (English 11-12)</li> </ul>
3:00-3:15	SNACKS				
3:15-5:00	<ul style="list-style-type: none"> <li>• <b>Workshop:</b> Listening to identify speaker's message, purpose/intention</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Workshop:</b> Applying critical reading skills in reading literature</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Workshop:</b> Teaching language arts through critical analysis of advertisements and short films</li> </ul>	<ul style="list-style-type: none"> <li>• Writing Lesson Plans (cont'd.)</li> </ul>	<ul style="list-style-type: none"> <li>• Closing Program and Distribution of Certificates</li> </ul>
	<ul style="list-style-type: none"> <li>• <b>Question &amp; Answer</b> (Clearinghouse)</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Question &amp; Answer</b> (Clearinghouse)</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Question &amp; Answer</b> (Clearinghouse)</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Question &amp; Answer</b> (Clearinghouse)</li> </ul>	

Guest lecturers/facilitator are from Philippine Normal University-Manila, De La Salle University-Taft, University of the Philippines-Diliman, University of Sto. Thomas-España, etc.





## Developing Critical Thinking Skills in the K to 12 Curriculum (Mathematics)

### Details of Training

**Dates:** To be suggested by the Division (may be done on weekends/during Summer)

**Venue:** To be suggested by the Division

**Registration fee:** Php 1,200 (to cover costs of travel, meals, accommodation and professional fees of staff and speakers, and seminar kits, handouts and certificates of participants)

\*\*\* Minimum of 150 participants per group (Sessions may be done simultaneously.)

### Program of Activities

Time	Day 1	Day 2	Day 3	Day 4	Day 5
<b>AM</b>					
<b>7:00-8:00</b>	<b>REGISTRATION</b>				
<b>8:00-8:30</b>	<b>Opening Program</b>	Management of Learning	Management of Learning	Management of Learning	Micro teaching: Lesson Study and Critiquing
<b>8:30-9:00</b>	<b>PRE-TEST</b>	Using Manipulative Materials to Promote Critical Thinking	Critical Thinking Strategies Using Technology and Mathematics software (graphmatica, geogebra)	Critical Thinking Across Disciplines	
<b>9:00-10:00</b>	Grounding: the conceptual understanding of critical thinking				
<b>10:00-11:00</b>	Critical thinking and the K to 12 mathematics Curriculum	Teaching Mathematics through critical thinking and problem solving	<b>Workshop:</b> Exploring Graphing Calculators, EXCEL, graphmatica and geogebra	<b>Workshop:</b> Lesson Planning	Micro teaching: Lesson Study and Critiquing
<b>11:00-12:00</b>	<b>Workshops:</b> Critical thinking at work	Demo teaching of lecturer			
<b>12:00-1:00</b>	<b>LUNCH BREAK</b>				
<b>PM</b>					
<b>1:00-2:00</b>	Presentation and Critiquing of Outputs	Discussion on the Demo teaching	<b>Workshop:</b> Developing worksheets/ activities that promote critical thinking using technology and mathematics software	Presentation and Critiquing of Lesson Plans	Revisiting the Unit and Daily Plan: Use of Systems Approach to Learning Management
<b>2:00-3:00</b>	Critical thinking and Problem Solving in Mathematics	<b>Workshop:</b> Integrating critical thinking skills in a unit plan			
<b>3:00-4:00</b>	<b>Workshop</b>	Presentation and critiquing of outputs	Presentation and Critiquing of Outputs	<b>Workshop:</b> Preparation of Instructional materials	Presentation and Critiquing of Outputs
<b>4:00-5:00</b>	Solving novel mathematics problems using PS strategies and critical thinking				<b>POST TEST</b>
					Reflection: My Critical Thinking Journey

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**Developing Critical Thinking Skills in the K to 12 Curriculum  
(Araling Panlipunan)**

**Details of Training**

**Dates:** To be suggested by the Division (may be done on weekends/during Summer)

**Venue:** To be suggested by the Division

**Registration fee:** Php 1,200 (to cover costs of travel, meals, accommodation and professional fees of staff and speakers, and seminar kits, handouts and certificates of participants)

**\*\*\* Minimum of 150 participants per group (Sessions may be done simultaneously.)**

**Program of Activities**

Time	Day 1	Day 2	Day 3	Day 4	Day 5
<b>AM</b>					
7:00-8:00	<b>REGISTRATION</b>				
7:00-8:00	<b>Opening Program</b>	Management of Learning	Management of Learning	Management of Learning	Demo-teaching and Appreciation of Lessons
8:30-9:00	<b>PRE-TEST</b>	The 21 <sup>st</sup> Century Skills	Understanding Contextualization	Araling Panlipunan Curriculum in the Lens of Critical Thinking Skills	
9:00-12:00	Introduction of Critical Thinking Skills			Analysis and Preparation of sample Lesson Plans	
12:00-1:00	<b>LUNCH BREAK</b>				
<b>PM</b>					
1:00-5:00	Application of Critical Thinking Skills in the teaching of Araling Panlipunan	The 21 <sup>st</sup> Century Teachers and Learners	Contextualization using Select Araling Panlipunan Competencies	Analysis and Preparation of sample Lesson Plans	Demo-teaching and Appreciation of Lessons
					<b>POST-TEST</b>
					Reflection: My Critical Thinking Journey

*Guest lecturers/facilitator are from Philippine Normal University-Manila, De La Salle University-Taft, University of the Philippines-Diliman, University of Sto. Thomas-España, etc.*



## Developing Critical Thinking Skills in the K to 12 Curriculum (FILIPINO)

### Details of Training

**Dates:** To be suggested by the Division (may be done on weekends/during Summer)

**Venue:** To be suggested by the Division

**Registration fee:** Php 1,200 (to cover costs of travel, meals, accommodation and professional fees of staff and speakers, and seminar kits, handouts and certificates of participants)

\*\*\* Minimum of 150 participants per group (Sessions may be done simultaneously.)

### Program of Activities

Time	Day 1	Day 2	Day 3	Day 4	Day 5
<b>AM</b>					
7:00-8:00	<b>REGISTRATION</b>				
8:00-8:30	<b>Opening Program</b>	Management of Learning	Management of Learning	Management of Learning	Paglilirip sa Kurikulum at pagtukoy ng: <ul style="list-style-type: none"> <li>• Batayang Kaalaman at Kasanayan</li> <li>• Pag-uugnay sa Pamantayang Pagganap Pagpapalano at Pagbuo ng Banghay-Aralin</li> <li>• Simulain</li> <li>• Prinsipyo</li> <li>• Bahagi</li> <li>• Hakbang</li> </ul>
8:30-9:00	<b>PRE-TEST</b>	Tugon ng Epektibong Guro sa K to 12 na Kurikulum <ul style="list-style-type: none"> <li>• Maalam na Guro (nilalaman)</li> <li>• Madiskarteng Guro (pamaraan)</li> <li>• Maignaying Guro (wika)</li> <li>• Mapagnilay na Guro (pagpapahalaga)</li> </ul>	Paglalapad ng mapanuri at mapagnilay na pag-iisip sa Larangan ng panitikan Iba't Ibang Gawaing Pagkatuto <ul style="list-style-type: none"> <li>• Isahan, dalawahan, tatluhan, malakihang pangkatan</li> <li>• Pagganap: pagsalita o pagsulat</li> </ul>	Pista ng Pakitang-turo <ul style="list-style-type: none"> <li>• Panayam at pakitang-turo ng Tagapagsalita</li> <li>• Pakitang Turo ng Mapipiling kalahok</li> </ul>	
9:00-12:00	Ang Filipino sa Ika-21 Siglo: Sulyap sa Batayang Nilalaman at Kasanayan Angkla sa K to 12 <ul style="list-style-type: none"> <li>• Teorya at Kalikasan ng K to 12</li> <li>• Batayan sa Pagpapatupad ng K to 12</li> <li>• K to 12 sa Pilipino</li> </ul>				
12:00-1:00	<b>LUNCH BREAK</b>				
<b>PM</b>					
1:00-5:00	Mapanuri at Mapagnilay na Pag-iisip <ul style="list-style-type: none"> <li>• Kahulugan</li> <li>• Katangian</li> <li>• Kahalagahan</li> <li>• Kaugnayan sa: <ul style="list-style-type: none"> <li>-Makrong Kasanayang Pangwika</li> <li>-Panitikan</li> </ul> </li> </ul>	Sining at Agham ng Pagtatanong <ul style="list-style-type: none"> <li>• Hakbang sa Pagpapalutang sa Mapanuri at mapagnilay na Pag-iisip</li> <li>• Iba't Ibang Kasanayang malilinang Kasabay ng Mapanuri at Mapagnilay na Pag-iisip: <ul style="list-style-type: none"> <li>-pag-iisa-isa</li> <li>-pagpapaliwanag</li> <li>-paghihinuha</li> <li>-pag-uugnay sa karanasan o kontesktuwalisasyon</li> <li>-pagninilay</li> </ul> </li> </ul>	Pagganap Bilang Lunsaran ng Mapanuri at Mapagnilay na Pag-iisip	Palihan at Pagpapayaman ng Nasaksihang Pakitang-turo upang Ipakita ang: <ul style="list-style-type: none"> <li>• Mapanuring pag-iisip</li> <li>• Mapagnilay na pag-iisip</li> </ul>	Workshop sa Pagsusuri ng Banghay-Aralin batay sa: <ul style="list-style-type: none"> <li>• Kalakasan</li> <li>• Kahinaan</li> <li>• Banta</li> <li>• Oportunidad</li> </ul> Workshop Sa Pagpapayaman ng Banghay-Aralin batay sa: <ul style="list-style-type: none"> <li>• Reaksyon</li> <li>• Opinion</li> <li>• Suhesyon</li> </ul> Paghahanda sa Pakitang-turo
					<b>POSTTEST</b> Reflection: My Critical Thinking Journey

Guest lecturers/facilitator are from Philippine Normal University-Manila, De La Salle University-Taft, University of the Philippines-Diliman, University of Sto. Thomas-España, etc.



**Developing Critical Thinking Skills in the K to 12 Curriculum  
(SCIENCE)**

**Details of Training**

**Dates:** To be suggested by the Division (may be done on weekends/during Summer)

**Venue:** To be suggested by the Division

**Registration fee:** Php 1,200 (to cover costs of travel, meals, accommodation and professional fees of staff and speakers, and seminar kits, handouts and certificates of participants)

**\*\*\* Minimum of 150 participants per group (Sessions may be done simultaneously.)**

**Program of Activities**

Time	<u>DAY 1</u>	<u>DAY 2</u>	<u>DAY 3</u>	<u>DAY 4</u>	<u>DAY 5</u>
<b>AM</b>					
7:00 – 8:30	<i>Registration</i>				
8:30 – 9:00	<i>Opening Program</i>	Model Based Learning	Language Strategies and Critical Thinking	Lesson Planning using the 7E cycle and Lesson Study Design	Lesson Demonstration (i.e. bio)
9:00 – 10:15	The Role of Critical Thinking in Science Education				Lesson Demonstration (i.e. phys)
10:15-10:30	<i>Break</i>				
10:30 – 12:00	Practical Work	Workshop	Workshop	Presentation of Research Lesson and Critiquing	Lesson Demonstration (i.e. chem)
12:00 – 1:00	<i>Lunch</i>				
<b>PM</b>					
1:00 – 3:00	Inquiry Based Learning	Engineering Design	Reflective Thinking	Workshop Lesson Planning	Lesson Demonstration (i.e. earth sci)
3:00-3:15	<i>Break</i>				
3:15-5:00	Workshop	Workshop	Workshop	Critiquing of Lesson Plans	Lesson Plan Revision Reflective Thinking Exercise

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**Developing Critical Thinking Skills in the K to 12 Curriculum  
(MAPEH)**

**Details of Training**

**Dates:** To be suggested by the Division (may be done on weekends/during Summer)

**Venue:** To be suggested by the Division

**Registration fee:** Php 1,200 (to cover costs of travel, meals, accommodation and professional fees of staff and speakers, and seminar kits, handouts and certificates of participants)

**\*\*\* Minimum of 150 participants per group (Sessions may be done simultaneously.)**

**Program of Activities**

Time/Day	Day 1	Day 2	Day 3	Day 4	Day 5
<b>AM</b>					
7:00-8:30	<b>REGISTRATION</b>				
8:30-9:00	<b>Opening Program</b>	Management of Learning	Management of Learning	Management of Learning	
9:00-10:00	<b>PRE-TEST</b>				
	Developing Critical and Creative Thinking Skills in the context of K-12 MAPEH Curriculum	Application of Creative and Critical Thinking Skills in Music	Application of Creative and Critical Thinking Skills in PE	Planning and Designing Sample Lesson in Music	Demonstration Teaching in Music
10:00-12:00				Planning and Designing Sample Lesson in Arts	Demonstration Teaching in Arts
12:00-1:00	<b>LUNCH BREAK</b>				
<b>PM</b>					
1:00-3:00	Strategies in Developing Creative and Critical Thinking Skills in MAPEH	Application of Creative and Critical Thinking Skills in Arts	Application of Creative and Critical Thinking Skills in Health	Planning and Designing Sample Lesson in PE	Demonstration Teaching in PE
3:00-5:00				Planning and Designing Sample Lesson in Health	Demonstration Teaching in Health
				<b>POST-TEST</b>	
					Reflection: My Critical Thinking Journey

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