



Republic of the Philippines  
**Department of Education**  
 REGION V  
 REGIONAL CENTER SITE, RAWIS, LEGAZPI CITY



**ADVISORY**  
 February 14, 2019

ARCZONE Professional Development, Inc. announces the conduct of a 5-Day National Seminar-Workshop on Developing Critical Thinking Skills in the K to 12 Curriculum to be participated by teachers.

Enclosed are details on the training which includes date, venue, registration fee and program of activities. Other queries may be inquired from Ms. Jesusa F. Flores, Training Coordinator, ARCZONE Professional Development, Inc. at contact numbers: (02) 414-6737, 09215761676 and 09054473534 or at email address: arczone\_eduphil@yahoo.com.

For information and appropriate action.

**GILBERT T. SADSAD**  
 Director III  
 OIC-Office of the Regional Director

/clmd-lel/

002503

*"DepEd Bicol cares, shares and serves with a SMILE"*

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DepEd Region V



Republic of the Philippines  
**DEPARTMENT OF EDUCATION**  
 REGION V  
 Schools Division Office  
 Sorsogon City



February 21, 2019

To: Elementary / Secondary School Heads  
 Concerned Teachers

Travel on said activity is on Official Time.  
 For your information and guidance.

**LOIDA N. NIDEA, Ed.D., CESO V**  
 Schools Division Superintendent



Republic of the Philippines  
**Department of Education**  
 REGION V  
 REGIONAL CENTER SITE, RAWIS, LEGAZPI CITY, 6000

RECEIVED  
 CURRICULUM DIVISION  
 DATE: FEB 14 2019  
 BY: [Signature]  
 DIVISION OF SORSOGON

DEPARTMENT OF EDUCATION  
**RELEASED**  
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 BY: [Signature]  
 REGION V, LEGAZPI CITY

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**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)*

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