



January 6, 2016


DIVISION MEMORANDUM

No. 12 s. 2016

**CONDUCT OF RESEARCH ENTITLED "PROGRESS OF STUDENTS THROUGH THE
SCIENCE CURRICULUM: PHASE I-A FOCUS ON CHEMISTRY"**

To: District Supervisors/District In-Charge
Secondary School Heads

1. Attached is a communication from **Usec. Rizalina D. Rivera, Undersecretary for Regional Affairs**, informing the field of the research conducted by the **Assessment Curriculum and Technology Research Center (ACTRC)**, entitled **"Progress of Students through the Science Curriculum: Phase I-A Focus on Chemistry"**, which will run from SY 2016-2017.
2. For more details, refer to the attached communication.
3. Participation to this activity shall be subject to the provisions of **DepEd Order No. 9, s. 2005** entitled **"Instituting Measures to Increase Engaged Time-on-Task" or "No-Disruption-of-Classrooms Policy"** and all other existing DepEd policies and regulations, and ensuring compliance therewith.
4. For the information and guidance of all concerned.


SALUSTIANO T. JIMENEZ, CESO VI
Schools Division Superintendent

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January 05, 2016

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MR. SALUSTIANO T. JIMENEZ, CESO VI
Office of the Schools Division Superintendent
Schools Division of Negros Oriental

Dear Mr. Jimenez:

Re: Science Curriculum Project Grade 10 Pre-test

Warm greetings!

In support of the K to 12 Program, the Assessment, Curriculum and Technology Research Centre (ACTRC), a partnership between the University of the Philippines (UP) and the University of Melbourne, is conducting a research entitled "Science Curriculum Project: Progress of Students through the Science Curriculum: Phase 1-A Focus on Chemistry." This project aims to investigate the progress of students' skills for each unit of Chemistry over the four years of the junior secondary curriculum. Its findings will be used to inform further development and teaching of the spiralling science curriculum.

In this phase of the study, we are conducting Pre-Test for Grade 10 Science. This activity, which will be held on January 26-29, 2016, intends to assess the level of students' skills prior to their exposure to the Grade 10, Quarter 4 domain (Matter) of the K to 12 curriculum. We have identified schools from Regions VI, VII and NCR to participate in this research. Among these is *Sibulan National High School*. Aside from the administration of test items, there will also be class observations to be conducted in the same period.

In this light, we would like to request from your good office permission to conduct the said activity in the identified schools of your division. Please find attached the DepEd Memorandum released for your perusal.

We look forward to your favorable response to this request.

Very truly yours,

Marlene B. Ferido
MARLENE B. FERIDO, Ph.D.
Curriculum Program Leader

Noted:


Marie Therese Bustos
MARIE THERESE BUSTOS, Ph.D.
Director



DEPARTMENT OF EDUCATION
OFFICE OF THE UNDERSECRETARY
FOR REGIONAL OPERATIONS

MEMORANDUM

FOR: REGIONAL DIRECTORS
REGIONS VI, VII and NCR

FROM:  Usgr. RIZALINO D. RIVERA

SUBJECT: CONDUCT OF RESEARCH ENTITLED "PROGRESS OF
STUDENTS THROUGH THE SCIENCE CURRICULUM:
PHASE 1-A FOCUS ON CHEMISTRY"

DATE: October 28, 2015

This Office received a request for permission from the Assessment, Curriculum and Technology Research Center (ACTRC) to conduct its research project entitled *Progress of Students through the Science Curriculum: Phase 1-A Focus on Chemistry*. The ACTRC, a partnership between the University of the Philippines and the University of Melbourne, aims to investigate the progress of students' skills as they complete the spiral science curriculum. The Department of Education (DepEd) fully supports this research and its objective to assess the spiral science curriculum, its current implementation, and its effects on student learning.

The participants of this activity are students and teachers from public secondary schools in Metro Manila, Western Visayas, Central Visayas and Negros Island. The research will run from School Year (SY) 2015-2016 to SY 2016-2017. Participation in the research shall be subject to the provisions of DepEd Order No. 9, s. 2005 entitled *Instituting Measures to Increase Engaged Time-On-Task*.

Please see the attached letter from Ms. Marie Therese Bustos, Director of the ACTRC, for further details on the research project.

For your information and cooperation.

Thank you!

ACTRC

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MR. RIZALINO RIVERA
 Undersecretary for Regional Operations
 Department of Education
 Pasig City

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By: Wion
 Date: OCT 21 2015
 Doc # S - 289052

Dear Usec. Rivera,

This is to request for a DepEd advisory on the research entitled "Progress of Students through the Science Curriculum: Phase 1- A Focus on Chemistry." This research is an offshoot of a previous project entitled "Alignment of Intended, Implemented and Assessed Science Curriculum Focusing on Inquiry Skills", for which, DepEd Advisory No. 476, s. 2013 was released.

The proponent of the research is the Assessment, Curriculum, and Technology Research Centre (ACTRC), a partnership between the University of the Philippines and the University of Melbourne. This research which will run from School Year (SY) 2015-2016 to SY 2016-2017 aims to:

- investigate the progress of students' knowledge and skills as they complete the spiral science curriculum, with emphasis on whether students have developed the pre-requisite knowledge for the next year of study;
- determine the level of conceptual knowledge and skills students have developed before they enter Junior high school;
- determine the level of conceptual knowledge achieved after four years of the spiralling curriculum;
- assess the effect of factors such as previous teacher specialization, teacher training, experience, student access to materials, and school size, on student achievement, and curriculum implementation; and
- determine the relationship between teachers' implementation of science inquiry practices and students' achievement of science inquiry skills.

The participants to this activity are students and teachers from public secondary schools in Metro Manila (National Capital Region), Region VI (Western Visayas), Region VII (Central Visayas) and Negros Island. Participation shall be subject to the no-disruption-of-classes policy as stipulated in DepEd Order No. 9, s. 2005.

Please find attached the research concept paper and the previous DepEd advisory released for your perusal and the draft advisory, should you approve this request. For queries, please contact me or Or. Marlene Ferido through 8064680 or email <m.ferido@actrc.org>. Thank you.

Sincerely yours,



MARIE THERESE A.P. BUSTOS, Ph.D.
 Director