



Department of Education  
Region X- Northern Mindanao

**DIVISION OF MALAYBALAY CITY**

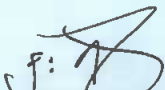
Cor. Don Carlos and Guingona Sts., Malaybalay City



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DIVISION OF MALAYBALAY CITY DIVISION  
RELEASED

Date: 01-20-14 Time: 3:11 PM  
By: JOVELYN Sagoroc

To: Education Program Supervisor Designates/Coordinators  
Public Schools District Supervisors  
Public/Private Elementary School Heads  
Public/Private Secondary School Heads

From:  EDILBERTO L. OPLENARIA  
Schools Division Superintendent  
This Division

Date : January 20, 2014

Re : **ADDENDUM TO UNNUMBERED MEMORANDUM DATED JANUARY 7, 2014 RE: ENHANCEMENT TRAINING FOR SCIENCE TEACHERS TEACHING COMPETENCE**

Relative to Division Memorandum NO. 323 S. 2013 ENHANCEMENT TRAINING FOR SCIENCE TEACHERS TEACHING COMPETENCE which will be conducted on January 24 -25, 2014 at Robertos, Casisang, Malaybalay City the participants as Enclosure A are advised to bring their **readymade Instructional Materials with its users guide** on the first day of the seminar and **materials to be used in developing new instructional materials** which will be used to facilitate learning on the least learned competencies in the respective grade/year level they are teaching. (see enclosure A for the list of least learned competencies. )

Participants are expected to bring science textbooks and reference books and laptop.

Immediate dissemination of this memorandum is desired.

To be indicated in the perpetual Index  
Under the following subjects:

Students/pupils	Teachers
Schools	trainings

alo/ELO

## LIST OF LEAST LEARNED COMPETENCIES IN SCIENCE

### Grade 3

Mean      Competency

- 56.51    infer how forces make objects move or cause change in motion
- 60.83    infer that too much heat from the sun has an effect on earth's plant and animals
- 61.71    explain what happens when light strikes an object
- 63.42    classify according to body parts, movement and habitat
- 64.14    state the characteristics of solids, liquids and gases

### Grade 6

- 46.65    describe characteristics of stars and how group of stars are useful to people
- 50.14    explain how the respiratory system works
- 56.27    identify major parts of the circulatory system and their functions  
          identify the major parts of male and female reproductive system/and their
- 56.86    functions.
- 58.68    classify vertebrates into: mammals, birds, reptiles, amphibians, or fishes  
          illustrate the interdependence of plants and animals for gases through the oxygen
- 59.37    - carbon dioxide cycle

### Fourth Year

- 27.44    explain different kinds of eyesight defects and how lenses correct these defects
- 32.45    Describe how radio signals are generated, transmitted and received.
- 33.6     Apply Ohm's Law to series and parallel circuits
- describe the effects of the application of nuclear radiation on living things and
- 35.42    the environment.
- Identify the significant contributions of Franklin, Coulomb, Volta, Ohm, and
- 36.62    other Filipino inventors/scientists in electrical energy and related technology
- Compare the transmission of sound through air with its transmission through
- 37.03    solids,liquids and a vacuum.
- given an angle of incidence and indices of refraction of two materials, illustrate
- 37.59    the path of a light ray incident on the boundary ( Snells Law)
- Explain how the information superhighway has influenced the affairs of daily
- 40.2     living.
- 41.22    Compute electrical energy consumption
- 41.72    infer that the total mass energy in the universe is constant