



Republic of the Philippines
Region VII, Central Visayas
SCHOOLS DIVISION OF NEGROS ORIENTAL
www.depednegor.net

DIVISION MEMORANDUM

JULY 18, 2016

No. *422*, s. 2016

QUESTIONNAIRE FOR TEACHERS TEACHING SCIENCE IN SENIOR HIGH SCHOOL

**TO: Education Program Supervisor
Public Schools District Supervisor/District In Charge
School Head of Public and Private Senior High School**

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1. Attached is a questionnaire for teachers teaching Science in the Senior High School Curriculum which is self-explanatory.
 2. All teachers teaching SCIENCE in the Senior High School Curriculum is requested to answer all items in the questionnaire.
 3. Please submit the accomplished questionnaire to this office through the PSDS or DIC attention: Ms Alma Cora M. Catacutan on or before July 27, 2016.
 4. School Heads and District Supervisors/District In-Charge are requested to disseminate the information to concerned teachers.

LELANIE T. CABRERA, CESE
Assistant Schools Division Superintendent
Officer-In-Charge
07/18/16



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NAME:

SCHOOL:

Position:

Highest Course/Degree:

Major:

Directions: Please rate yourself in a range of 3 to 1 (where 3- means can teach the content without supervision/coaching; 2- means can teach the content with little supervision/coaching; 1- means cannot teach the content without supervision/coaching. Hence Needs Help) in teaching the content standards in Earth and Life Science as a core subject in Grade 11 such that the performance standard of the learner's will be at the Mastery level. JUST CHECK THE CORRESPONDING COLUMN.

Content Standard	Rating		
	3	2	1
The formation of the universe and the solar system			
The subsystems (geosphere, hydrosphere, atmosphere, and biosphere) that make up the earth			
The Earth's Internal structure			
The three main categories of rocks			
The origin and environment of formation of common minerals and rocks			
Geologic processes that occur on the surface of the earth such as weathering, erosion, mass wasting, and sedimentation (Include the role of ocean basins in the formation of sedimentary rocks)			
Geologic processes that occur within the earth			
The Folding and faulting of rock			
How the planet Earth evolved in the last 4.6 billion years (including the age of the Earth, major geologic time subdivisions, and marker fossils).			
The different hazards caused by geological processes (earthquakes, volcanic eruptions, and landslides)			
The different hazards caused by hydro meteorological phenomena (tropical cyclones, monsoons, floods, and tornadoes or ipo-ipo)			
The different hazards caused by coastal processes (waves, tides, sea-level changes, crustal movement, and storm surges)			

The historical development of the concept of life			
The origin of the first life forms			
Unifying themes in the study of life			
The cells as the basics unit of life			
How photosynthetic organisms capture light energy to form sugar molecules			
How organism obtain and utilize energy			
Plant and animal reproduction			
How genes work			
How genetic engineering is used to produce novel products			
Nutrition: getting food to cells			
Gas exchange with the environment			
Circulation: the internal transport system			
The need for homeostasis			
Salt and water balance and waste removal			
The immune system: defense from disease			
How hormones govern body activities			
The nervous system			
The body in motion			
Plant form and function			
Plant growth and development			
The evidence for evolution			
The origin and extinction of species			
The principles of the ecosystem			
Biotic potential and environmental resistance			
Terrestrial and aquatic ecosystem			
How human activities affect the natural ecosystem			



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Directions: Please rate yourself in a range of 3 to 1 (where 3- means can teach the content without supervision/coaching; 2- means can teach the content with little supervision/coaching; 1- means cannot teach the content without supervision/coaching. Hence Needs Help) in teaching the content standards in Earth Science as a core subject in Grade 11 such that the performance standard of the learner's will be at the Mastery level. JUST CHECK THE CORRESPONDING COLUMN.

Content Standard	Rating		
	3	2	1
The formation of the universe and the solar system			
The subsystems (geosphere, hydrosphere, atmosphere, and biosphere) that make up the earth			
The three main categories of rocks			
The origin and environment of formation of common minerals and rocks			
The various sources of energy(fossil fuels, geothermal, hydroelectric)			
The amount of usable water resources on earth			
The distribution of arable land on earth			
Waste generation and management			
Geologic processes that occur on the surface of the earth such as weathering, erosion, mass wasting, and sedimentation (Include the role of ocean basins in the formation of sedimentary rocks)			
Geologic processes that occur within the earth			
Folding and faulting of rock			
The internal structure of the Earth			
Continental drift			
Seafloor spreading			
Relative and absolute dating of rocks,			
The major subdivisions of geologic time (including index fossils)			
How the planet Earth evolved in the last 4.6 billion years			