



ATENEO DE DAVAO HIGH SCHOOL
Matina, Davao City

INTEGRATED SCIENCE
SCOPE AND SEQUENCE

FOURTH QUARTER
SY 2013 – 2014

Unit 1: THE EARTH AND EARTH SYSTEMS

Content Standard

The learner demonstrates understanding of the Earth Systems and how these are managed.

Performance Standard

The learners make informed decisions to manage the effects of the Earth systems on activities related to livelihood, health and transportation.

Performance Task

Disaster preparedness plan Science investigatory Project

Topics:

The Earth Systems Interaction
Materials in the Geosphere: Minerals, Rocks, Soil
Structure of the Geosphere
The Continental Drift Hypothesis
Seafloor Spreading Theory
The Theory of Plate Tectonics
Earthquakes
Volcanoes
Describing Earth's Atmosphere
Energy Transfer in the Atmosphere
Air Currents
Air Quality
Describing Weather
Weather Patterns
Weather Forecasts
Climates of the Earth
Climate Cycles
Recent Climate Change
Earth's Resources
Pollution
Protecting the Earth
Ecosystems
Relationships Within Ecosystems

Energy Flow and Nutrient Cycles
Humans and Ecosystems
Land Biomes
Aquatic Ecosystems
How Ecosystems Change
People and the Environment: Impacts on Land, Water and Atmosphere
Earth's Motion
Earth's Moon
Eclipses and Tides
Our Solar System
Life in the Solar System
Human Space Travel

Textbook:

iScience Philippines published by McGraw-Hill Education (Asia) and Phoenix Publishing House, Inc.

Reference:

1. You and the Natural World – Integrated Science; L Vengco, T. Religioso
2. Integrated Science Manual by ADDU-HS Science Teachers

Checked by:

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