

# DLSU AWOS Enhances K-12 Curriculum



- SIGWA website enables the Grade 6, 8, and 9 science to do science activities through monitoring and understanding data collection that involves the following K-12 learning content:
  - Weather pattern
  - Understanding Typhoons
  - Knowledge about Climate

| <b>Grade 6 – Earth and Space<br/>FOURTH QUARTER/FOURTH GRADING PERIOD</b>   |  |  |  |
|---|--|--|--|
| <i>Content</i>  | <i>Content Standards</i>   | <i>Performance Standards</i>   | <i>Learning Competencies</i>   |
| <ul style="list-style-type: none"> <li>▪ <b>Weather Patterns in the Philippines</b> <ul style="list-style-type: none"> <li>- Weather patterns</li> <li>- Seasons</li> <li>- Effects of seasons on livelihood and health of people in the community</li> </ul> </li> </ul>   | <ul style="list-style-type: none"> <li>▪ demonstrates understanding of weather patterns, seasons and effects of seasons on livelihood and health of people in the community</li> </ul> | <ul style="list-style-type: none"> <li>▪ chooses activities appropriate to the changing seasons and find ways to reduce risks.</li> </ul>  | <ul style="list-style-type: none"> <li>▪ reports and interprets data on the weather in a span of a school year</li> <li>▪ explains the seasons in the Philippines and their effects on livelihood and health of the people in the community</li> </ul>   |
| <b>Grade 8 – Earth and Space<br/>FOURTH QUARTER/FOURTH GRADING PERIOD</b>   |  |  |  |
| <i>Content</i>  | <i>Content Standards</i>   | <i>Performance Standards</i>   | <i>Learning Competencies</i>   |
| <ul style="list-style-type: none"> <li>▪ <b>Understanding Typhoons</b> <ul style="list-style-type: none"> <li>- How typhoons develop</li> <li>- Why the Philippines is prone to typhoons</li> <li>- How landforms and bodies of water affect typhoons</li> <li>- Philippine Area of Responsibility</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>▪ demonstrates understanding of formation of typhoons.</li> </ul>   | <ul style="list-style-type: none"> <li>▪ demonstrates precautionary measures before, during, and after a typhoon</li> <li>▪ includes following advisories, storm signals, and calls for evacuation given by responsible government agencies</li> <li>▪ participates in activities that lessen the harmful effects of typhoons</li> </ul> | <ul style="list-style-type: none"> <li>▪ explains how typhoons develop</li> <li>▪ infers why the Philippines is prone to typhoons</li> <li>▪ explains how landforms and bodies of water affect typhoons</li> <li>▪ traces the path of typhoons that enter the Philippine Area of Responsibility (PAR) using a topographic map and tracking data</li> </ul> |
| <b>Grade 9 – Earth and Space<br/>FOURTH QUARTER/FOURTH GRADING PERIOD</b>   |  |  |  |
| <i>Content</i>  | <i>Content Standards</i>   | <i>Performance Standards</i>   | <i>Learning Competencies</i>   |
| <ul style="list-style-type: none"> <li>▪ <b>Climate</b> <ul style="list-style-type: none"> <li>- Factors that affect climate</li> <li>- Global climate phenomenon</li> </ul> </li> </ul>  | <ul style="list-style-type: none"> <li>▪ demonstrates understanding of the factors that affect climate, the effects of changing climate, and how to adapt to them</li> </ul>           | <ul style="list-style-type: none"> <li>▪ participates in activities that reduce risks and lessen effects of climate change</li> </ul>  | <ul style="list-style-type: none"> <li>▪ explains how different factors affect the climate of an area</li> <li>▪ describes certain climatic phenomena that occur on a global level (global warming and El Niño are included here)</li> </ul>   |