



Grade 5 Science

Grades 5 to 8 Science: A Foundation for Implementation 2000

Student Learning Outcomes Related to Sustainable Development

Cluster 1: Maintaining a Healthy Body

5-1-02 Interpret nutritional information found on food labels.

Examples: ingredient proportions, identification of potential allergens, information related to energy content and nutrients...

5-1-14 Evaluate information related to body image and health from media sources for scientific content and bias.

Examples: glamorization of smoking in movies, promotion of unrealistic role models in magazines, trivialization of scientific information on television...

5-1-15 Explain how human health may be affected by lifestyle choices and natural-and-human caused environmental factors.

Include: smoking and poor air quality, may cause respiratory disorders; unhealthy eating and physical inactivity may lead to diabetes and heart disease; prolonged exposure to the Sun can cause skin cancer.

Cluster 2: Properties of and Changes in Substances

5-2-12 Identify potentially harmful chemical products used at home, and describe practices to ensure personal safety. Include: use of products with parental supervision, recognition of safety symbols, procedures to follow in case of an emergency, proper storage of chemical products.

5-2-13 Evaluate household chemical products using the design process.

Example: glass-cleaner, laundry soap, toothpaste...

Cluster 4: Weather

5-4-02 Describe how weather conditions may affect the activities of humans and other animals.

Examples: heavy rainfall may cause roads to wash out; stormy conditions may prevent a space shuttle launching; in excessive heat cattle may produce less milk...

5-4-09 Provide examples of severe weather forecasts, and describe preparations for ensuring personal safety during severe weather and related natural disasters.

Examples: tornado, thunderstorm, blizzard, extreme wind chill, flood, forest fire...

5-4-18 Recognize that climates around the world are ever changing, and identify possible explanations.

Examples: volcanic eruptions, ozone depletion, greenhouse effect, El Niño, deforestation...