



Republic of the Philippines  
**Department of Education**  
REGION X – NORTHERN MINDANAO

**Science Grade 3**

Which of the following is a renewable resource?

- A. Coal
- B. Oil
- C. Sunlight
- D. Natural Gas

Which of the following best describes the function of ribosomes in a cell?

- A. They produce energy
- B. They provide support for the cell
- C. They synthesize proteins
- D. They store genetic information

Which of the following is an example of a chemical change?

- A. Cutting a piece of paper
- B. Melting ice
- C. Burning wood
- D. Mixing salt and water

What is the process by which plants convert sunlight into energy called?

- A. Photosynthesis
- B. Respiration
- C. Fermentation
- D. Digestion

What is the smallest unit of life?

- A. Cell
- B. Tissue
- C. Organ
- D. Organism

Which of the following is not a type of energy?

- A. Sound
- B. Heat
- C. Light
- D. Mass

What type of bond holds atoms together in a molecule?

- A. Ionic
- B. Covalent
- C. Metallic
- D. Hydrogen

Which of the following is an example of a conductor of electricity?

- A. Wood
- B. Glass
- C. Plastic
- D. Metal

What is the pH scale used to measure?

- A. Temperature
- B. Pressure
- C. Acidity
- D. Density

Which of the following is a type of rock that forms from the cooling and solidification of lava or magma?

- A. Sedimentary
- B. Metamorphic
- C. Igneous
- D. Fossil

Which of the following is a type of energy that can be transferred through empty space?

- A. Sound
- B. Heat
- C. Light
- D. Electrical

Which of the following is a type of energy that is stored in an object due to its position or configuration?

- A. Kinetic
- B. Potential
- C. Chemical
- D. Thermal

What type of energy transformation occurs in a generator?

- A. Thermal to electrical
- B. Chemical to electrical
- C. Mechanical to electrical
- D. Nuclear to electrical

Which of the following is a type of electromagnetic wave that has the shortest wavelength?

- A. Radio waves

- B. Microwaves
- C. X-rays
- D. Gamma rays

Which of the following is an example of a simple machine?

- A. Wheel and axle
- B. Pulley
- C. Screw
- D. All of the above

Which of the following is a type of energy that is produced by the motion of charged particles?

- A. Sound
- B. Heat
- C. Light
- D. Electrical

Which of the following is a type of bond that results from the transfer of electrons from one atom to another?

- A. Ionic
- B. Covalent
- C. Metallic
- D. Hydrogen

What type of energy transformation occurs in a battery?

- A. Thermal to electrical
- B. Chemical to electrical
- C. Mechanical to electrical
- D. Nuclear to electrical

Which of the following is a type of fossil fuel?

A. Coal

B. Wind

C. Solar

D. Hydroelectric