UNIT 9

	NAME	Define energy transformation. Identify and describe energy transformation in natural phenomena that occur in the environment.	Name devices that transform energy and determine the form of energy that 'enters' and the transformation that occurs.	Define source of energy. Define non-renewable energy source and name various sources of this type. Define renewable energy source and name various sources of this type.	Define an electricity producing power plant, name types of power plants, identifying the fuel used in each of them, and describe, using images, parts and operation of a thermal (coal-fired) power plant and a hydroelectric plant.	Name activities that use energy and the sources where energy is obtained, and describe the environmental effects of the production and use of energy.	Name and describe actions to reduce energy consumption in homes.	Name simple and compound machines, describe their parts and how they work, and forms and transformations of energy involved in the operation of the machines.	Describe scientific and technological advances in housing, medicine, communication and information technology and their impact on lifestyles.	Be actively involved in all phases of a project.	Understand information, acquire vocabulary about the use of energy and machines, express knowledge and express opinions orally and in writing and show interest in reading texts related to energy and machines.	Know and apply mathematical operations and strategies to calculate energy consumption.	Obtain and organise information, working with the unit structure, and using digital resources with interest and responsibility.	Show initiative, accept mistakes when doing self-evaluation, persevere in reinforcement tasks and actively participates in cooperative learning exercises.
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