

Name:	Class: 10 th grade A-B	Date: November 2020
Total score: 50pts	Student's score:	Nota:

UNIT 4: Sustainable energy

Instrucciones

Use www.wordreference.com (English-Spanish dictionary) o su diccionario personal. Si tiene consultas escríbame a mi correo electrónico institucional. La guía debe ser entregada en el establecimiento a fines de noviembre para su revisión por el profesor de asignatura.

In this worksheet you will learn about the last unit of the year Sustainable development (Desarrollo sustentable) You will read about different types of energy environmentally friendly. You are going to be able to answer the question: why are we running out of energy? And identify alternative types of energy.

Go to your student's book and read the text on page 153 translate the text. Then do the following exercises in this handout

- I. Look at the pictures and identify the types of energy. Use the word bank if you need some help.

geothermal energy	solar energy	hidro energy
tidal energy	wind energy	biomass energy



- a) Picture 1 represents biomass energy.
- b) Picture 2 represents _____.
- c) Picture 3 represents _____.
- d) Picture 4 represents _____.
- e) Picture 5 represents _____.
- f) Picture 6 represents _____.



- II. Protecting the environment and wildlife is crucial. Preserving it for future generations is our responsibility. Read the text about conservation and answer the survey. Mark your response with an X.

Conservation

Having a lot of energy resources does not mean we can waste them.

Conservation and good management of natural resources will always be essential to our survival. Experts predict a catastrophic end to the oil age and, this time, they can be right. If we don't look around for alternatives, we will run out of energy soon.

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N°	Question	A lot	A fair amount	Not very much	Not at all
1	How much importance do you give to saving energy in your home?				
2	How concerned are you about running out of energy soon?				
3	Are you concerned about climate change?				
4	Do you use different energy resources at home?				

- III. Look at the chart with types of pollution, causes and effects. Write the type of energy that could provide solutions to reduce each type of pollution.

	Types of pollution	Causes	Effects	Type of energy as a possible solution
1	Air pollution	Factories, fire, cars.	Breathing diseases.	Solar Energy
2	Water pollution	Home trash.	Death of aquatic animals.	
3	Land pollution	Deforestation, parking lots.	Loss of fertile land, soil erosion.	
4	Light pollution	Artificial lights.	Eye fatigue, sleeping disorders.	

(Source: Pictures taken from 2nd Graders Student's Book and adapted material from the Teacher's Guide)



“Climate change is destroying our path to sustainability. Ours is a world of looming challenges and increasingly limited resources. Sustainable development offers the best chance to adjust our course.”
Ban Ki-moon

IV. Fill in the chart with the causes and effects of different types of pollution and then write down in English the definition of one of them providing examples of it. (14pts, 2 each) + definition 6pts

Type	Causes	Effects
Air pollution		
Water pollution		
Land pollution		
Noise pollution		
Light pollution		
Visual pollution		
Thermal pollution		

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Answer the questions

1. ¿Qué he aprendido?

2. ¿Cómo lo he aprendido?

3. ¿Para qué lo he aprendido?

4. ¿En qué otras ocasiones puedo usarlo?

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