

I-Discovering Language: Have a look at the pictures and do the activities that follow



Natural gas



Oil



Geothermal



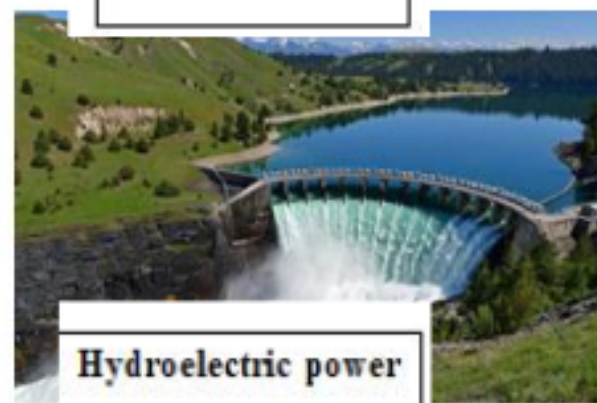
Solar power



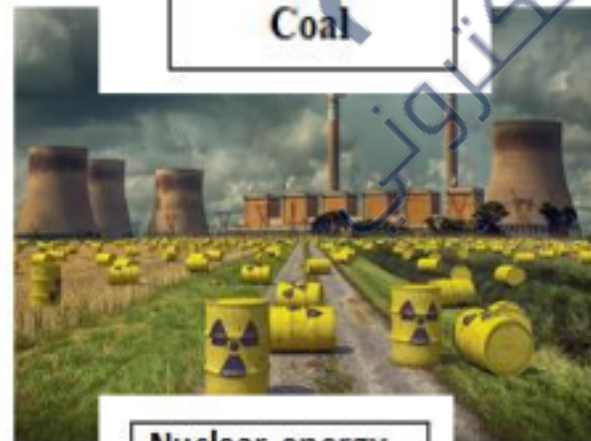
Coal



Wind power



Hydroelectric power



Nuclear energy

Natural  
energies/Resources

دروسكم  
منصة التعليم الإلكتروني

ملف الحصة المباشرة و المسجلة

حصص مباشرة

1

حصص مسجلة

2

دورات مكثفة

3

أحصل على بطاقة الإشتراك





**Activity2:** Classify the words in the table below

Oil - wind - gas - sun - coal - biomass - iron - hydropower - nuclear energy

Fossil fuels/depletable resources non-renewable	Sustainable development/renewable resources التمنية المتدنية
oil gas coal iron Nuclear energy	wind sun biomass Hydropower

1 حصص مباشرة

2 حصص مسجلة

3 دورات مكثفة

أحصل على بطاقة الاشتراك



**Activity3:** Here are some disadvantages and advantages of both resources. Classify them in the table

Pollution- cheap-diseases -air / water contamination -safe -expensive -accidents -Less global warming- replenishable -new employment opportunities

Depletable resources	Renewable resources
<ul style="list-style-type: none"> <li>- Pollution</li> <li>- Diseases</li> <li>- air / water contamination</li> <li>- expensive</li> <li>- accidents</li> </ul>	<ul style="list-style-type: none"> <li>- cheap</li> <li>- safe</li> <li>- less global warming</li> <li>- replenishable</li> </ul>

new employment opportunities

حصة مباشرة

1

حصة مسجلة

2

دورات مكثفة

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1 حصص مباشرة

2 حصص مسجلة

3 دورات مكثفة

أحصل على بطاقة الاشتراك



## Advantages And Disadvantages Of Renewable Energy

### Advantages

The renewable resources are nearly infinite

A very large amount of energy could be generated in this way

A barrage could be used in various ways: as a bridge or as a barrage against flooding

### Disadvantages

Sunlight is only found during the daytime which makes it inconvenient to use at night.

Wildlife could be affected

Construction of barrage could be expensive



dam  
سد



## Advantages And Disadvantages Of Non-Renewable Energy

### Advantages

It produces little or no waste products.

منلفات

Non-renewable energy also has market value where a supplier or manufacturer makes money and pays workers enhancing economies.

Widely available and affordable.



### Disadvantages

Once gone they can't be replaced or revitalized.

Pollution grows greater through the by-products they leave behind and mining of non-renewable energy is causing damage to our environment.

Fossil fuels contribute to global warming

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**Text: Read the text carefully and do the activities that follow**

Algeria is a nation endowed with various natural resources which are great assets to ensure a successful sustainable development and provide replenishable resources **so that** the future of present and coming generations won't be compromised. (§1)

The economy **cannot be built** on the use of non-renewable resources such as coal and petroleum, because these resources **will not be replaced** once dried up. Urgent measures **are taken** to treat the problem definitely. So, is there another solution? (§2)

The transition to renewable energy exploitation **has been considered** as an indispensable objective by the Algerian government. It is cheaper, safer and less polluting. Algeria is planning to shift to the era of green economy which is the unique solution to meet future energy needs enabling **the poor** and **the rich** to share their country's wealth economically and reduce environment-related risks simultaneously. (§3)

This transition **was implemented** successfully as the Algerian territory is characterized by abundant renewable energy resources such as **solar, wind, hydro, biomass**..... Algeria surmounted considerable obstacles to implement an effective policy aiming at using all its available natural resources **so as to reduce** the economic dependency upon hydrocarbon revenues and greenhouse gas emissions. (§4)

The country **had better** roll up their sleeves to find effective solutions immediately before its too late. **How about** a partnership with renown foreign companies (ex: German) to assist in the exploration of untapped resources and develop the existing projects? (§5)





### Activity1: Match each idea with its paragraph

1-The author's advice  
government

3-The gifting of Algeria with natural richness  
resources

5-Renewable energy benefits

2-The mitigation of problems by Algerian

4-Examples of non-renewable energy

### Activity2: Answer these questions from the text

1-Are natural resources a good thing for Algeria? Justify

2-What are the advantages of renewable energy?

3- Do you agree with the author's advice? Elaborate

### Activity3: Match each word with its opposite

Assets

Indispensable

Surmount

Simultaneously

Unessential

singly (one by one)

Disadvantages

Be defeated

Yes, they are! (handwritten)  
No + Spain giving (handwritten)

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#### Activity4: Match each word with its definition

Implement / Being famous and highly honored  
Renown / To start using or put into effect  
Untapped / Long period of time  
Era / Not yet exploited or used

#### Activity5: Fill in the blanks with these Words: **concomitantly** - **overcome** - **untapped** - **implement**

1-Algeria is ..... using finite and non -finite energy resources.  
2-If poor countries succeed in exploiting their ..... natural resources ,they'll achieve their energy independence 3-Algeria should make huge efforts and use colossal financial means to ..... the new policy 4-To..... bureaucratic barriers must be the one goal of the Algerian authorities to succeed.



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