

تم تحميل هذا الملف من موقع المناهج الإماراتية



حل أسئلة الاختبار الثاني Energy nonrenewable from Energy منهج انسباير

موقع المناهج ← المناهج الإماراتية ← الصف الرابع ← علوم ← الفصل الثاني ← حلول ← الملف

تاريخ إضافة الملف على موقع المناهج: 2025-02-20 22:01:15

ملفات اكتب للمعلم اكتب للطالب | اختبارات الكترونية | اختبارات | حلول | عروض بوربوينت | أوراق عمل
منهج انجليزي | ملخصات وتقارير | مذكرات وبنوك | الامتحان النهائي للمدرس

المزيد من مادة
علوم:

إعداد: JOSEPH CHRISTY

التواصل الاجتماعي بحسب الصف الرابع



الرياضيات



اللغة الانجليزية



اللغة العربية



التربية الاسلامية



المواد على تلغرام

صفحة المناهج
الإماراتية على
فيسبوك

المزيد من الملفات بحسب الصف الرابع والمادة علوم في الفصل الثاني

حل أوراق عمل مراجعة منهج انسباير

1

ملخص الدرس الثالث خواص الماء

2

عرض بوربوينت الدرس الرابع الحرارة Heat منهج انسباير

3

عرض بوربوينت حل درس الحرارة

4

المزيد من الملفات بحسب الصف الرابع والمادة علوم في الفصل الثاني

عرض بوربوينت حل درس الكثافة والطفو

5



وزارة التربية والتعليم
MINISTRY OF EDUCATION

AL SA'ADA SCHOOL
STUDY GUIDE-QUIZ-2

Grade 4- Science

Term 2: 2024/2025

Grade

4


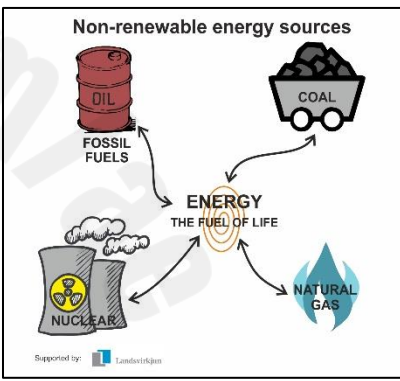

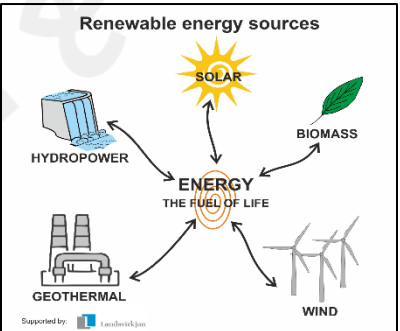
Student Name	
Grade	4
School Name	AL SA'ADA SCHOOL
Subject	SCIENCE
Teacher Name	MISS CHRISTY JOSEPH
Teacher Signature	

GRADE	
	30






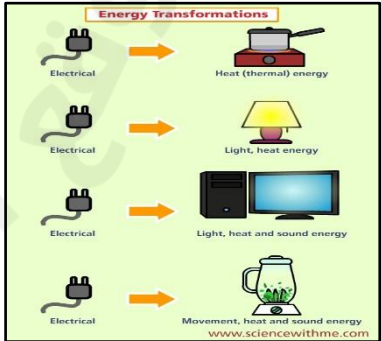
UNIT 2- Module 2

LESSON 1: Energy from Nonrenewable Resources (Page 94, 95 97,98 and 103)

<p>Natural Resource</p>	<p>الوقود الحفري</p>	<p>Something that is <u>found in nature</u> and is <u>valuable</u> to humans. Can be living or nonliving.</p>	 <p>Types of Natural Resources</p> <p>Sun, Forest, Rock, Minerals, Animals, Air, Oil, Water, Soil</p>
<p>Nonrenewable Resources</p>	<p>طاقة غير متجددة</p>	<p>Natural materials or sources of energy that are useful to people and <u>cannot be replaced easily</u>. They take millions of years to form.</p>	 <p>Non-renewable energy sources</p> <p>OIL, COAL, NUCLEAR, NATURAL GAS</p> <p>ENERGY THE FUEL OF LIFE</p> <p>Supported by: Landotikjan</p>
<p>Fossil Fuel</p>	<p>الوقود الحفري</p>	<p>A fossil fuel is a source of energy <u>made from the remains of ancient, once living things</u>.</p>	 <p>Types of Fossil Fuels</p> <p>COAL, CRUDE OIL, NATURAL GAS</p> <p>www.earthreminder.com</p>
<p>Renewable Resource</p>	<p>مورد قابل للتجديد</p>	<p>A renewable resource is one that can be <u>used repeatedly</u> and <u>does not run out</u> because it is naturally replaced.</p>	 <p>Renewable energy sources</p> <p>SOLAR, BIOMASS, WIND, GEOTHERMAL, HYDROPOWER</p> <p>ENERGY THE FUEL OF LIFE</p> <p>Supported by: Landotikjan</p>



وزارة التربية والتعليم
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<p>Coal</p>	<p>الفحم</p>	<p>Coal is found between <u>rock layers</u>. Coal is mainly used to <u>generate electricity</u>.</p>	
<p>Crude oil</p>	<p>النفط الخام</p>	<p>Crude oil is a <u>thick, black substance</u> that is also called <u>petroleum</u>. It can be <u>turned into gasoline</u> and other <u>types of fuel</u>.</p>	
<p>Natural gas</p>	<p>غاز طبيعي</p>	<p>It is <u>found where oil is found</u>. It can provide energy for <u>cooking and heating our homes</u>.</p>	
<p>Energy changes or Energy Transformation</p>	<p>تحويل الطاقة</p>	<p>The process of <u>changing energy from one form to another</u>.</p>	



NATURAL RESOURCES

Natural Resources are materials or substances that occur in nature and can be used for economic benefit or to satisfy human needs



EXAMPLES.COM



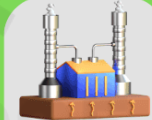
Renewable and Nonrenewable Energy

renewable

Restore naturally at a rate comparable to human consumption



solar



geothermal



thermal gradient



hydro



wind



biomass

nonrenewable

Exist in finite amounts or replenish over geological time spans



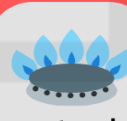
oil



coal



nuclear



natural gas



peat

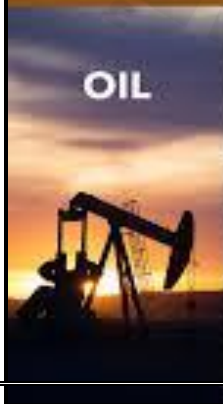


propane

sciencenotes.org

NONRENEWABLE RESOURCE EXAMPLES

OIL



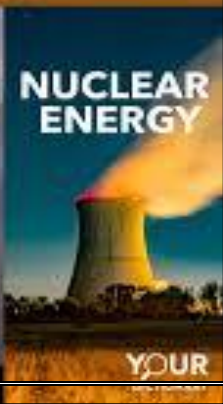
COAL



NATURAL GAS



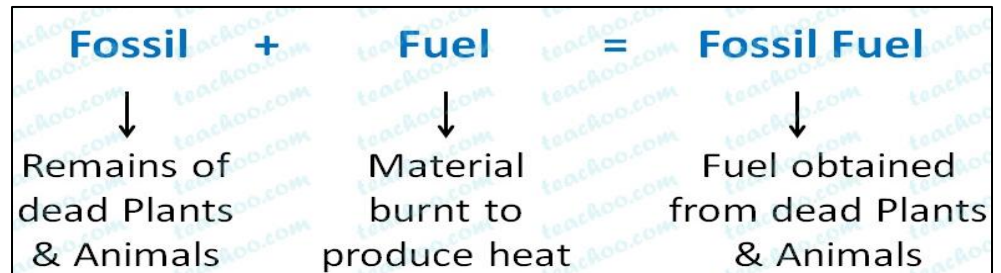
NUCLEAR ENERGY



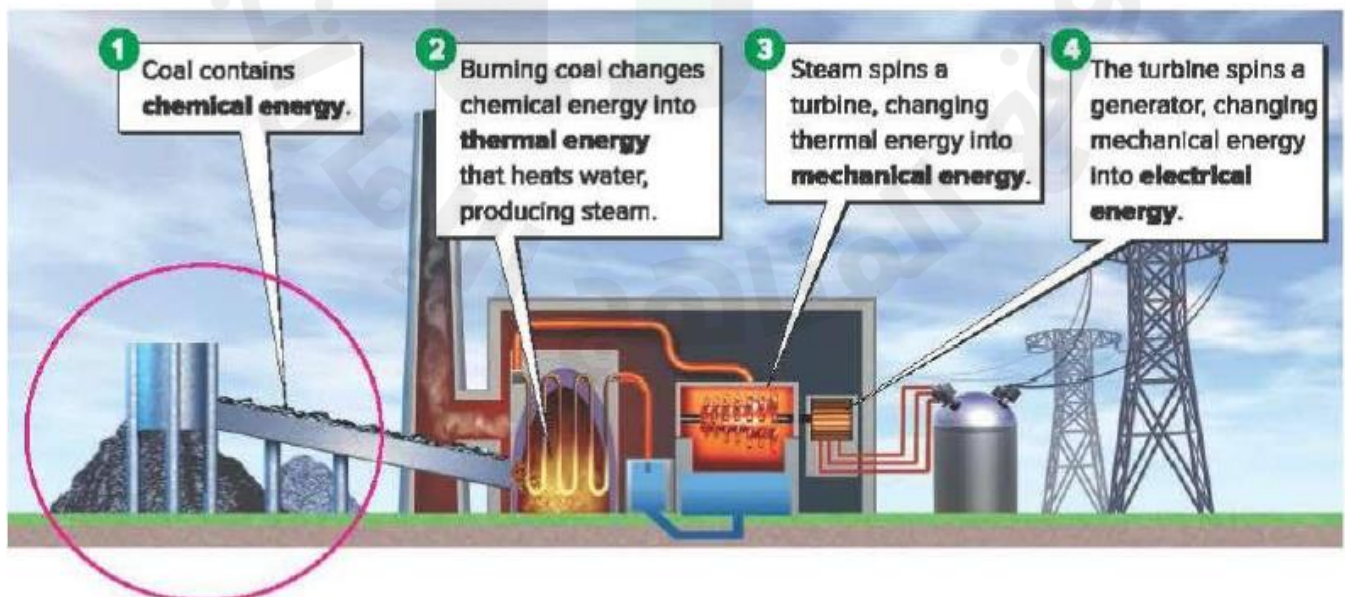
YOUR



FOSSIL FUEL:

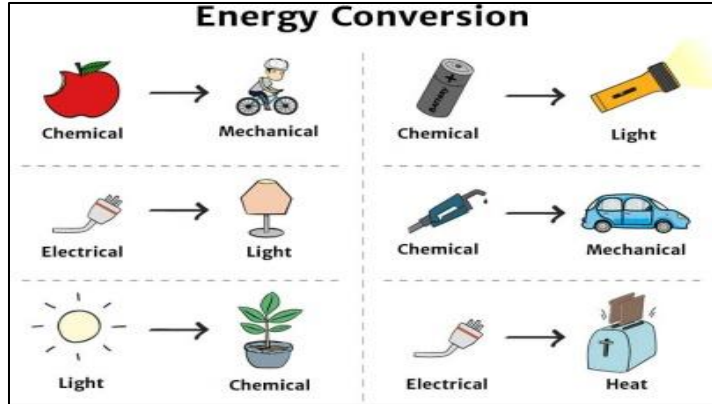


POWER PLANT: Fossil fuel power plants predominantly use **coal, natural gas, or oil as fuel sources**. These plants operate by burning fossil fuels to produce **heat**, which converts water into steam. The steam then drives turbines connected to generators, producing **electricity**.





Energy Changes or Energy Transformation: The process of changing energy from one form to another.



INSTRUCTIONS:

1. Quiz 1 will be out of 30 marks, consisting of 60% multiple-choice questions (MCQs) and 40% free-response questions (FRQs).
2. Attendance is mandatory- No retest will be given without a valid medical certificate.
3. The retest for absent students will consist of a separate set of questions and will not be the same as the original quiz.
4. The questions in the study guide are for practice only and are meant to provide an idea of the types of questions that may appear on the exam.
5. Exact questions from the study guide will not appear on the exam. It is the student's responsibility to prepare thoroughly.
6. Reading of questions is not permitted- As 4th-grade students, they are expected to read and write independently during the exam.

!!تعليمات هامة!!

1. سيكون الاختبار الثاني من 30 درجة، ويتكون من 60% من أسئلة الاختيار من متعدد (MCQs) و40% من أسئلة الإجابة الحرة (FRQs).
2. الحضور إجباري - لن يُسمح بإعادة الاختبار دون شهادة طبية صالحة.
3. سيتم إعداد اختبار مختلف للطلاب المتغيبين، ولن يكون نفس الاختبار الأصلي.
4. الأسئلة الموجودة في د نهدف إلى تقديم فكرة عن أنواع الأسئلة التي قد تأتي في الامتحان.
5. لن تتكرر الأسئلة الموجودة في دليل الدراسة في الامتحان. من مسؤولية الطالب التحضير جيداً للامتحان.
6. لن يُسمح بقراءة الأسئلة بصوت عالٍ. يُتوقع من طلاب الصف الرابع قراءة وكتابة الامتحان بأنفسهم.



Question 1
2 mrks

Fossil fuels are _____.

- | | |
|----------|-------------------------------|
| A | Nonrenewable resources |
| B | Renewable resources |
| C | Unlimited resources |
| D | Inexpensive resources |

Question 2
2 mrks

_____ is pumped out of the ground and can be used for cooking.

- | | |
|----------|--------------------|
| A | Nuclear energy |
| B | Crude oil |
| C | Coal |
| D | Natural gas |

Question 3
2 mrks

Which is not a fossil fuel?

- | | |
|----------|----------------|
| A | Oil |
| B | Uranium |
| C | Coal |
| D | Natural gas |



Question 4
2 mrks

A material that formed from ancient organisms and is used today as a source of energy is a(n)-

A	Fossil fuel
B	Fissile material
C	Sediment
D	Alternative energy resource

Question 5
2 mrks

Which is an example of a nonrenewable resource?

A	Wind
B	Oil
C	Water
D	Sunlight

Question 6
2 mrks

Coal is mainly used to generate _____ and has been used to power steam locomotives.

A	Sound energy
B	Electrical energy (Electricity)
C	Light energy
D	Nuclear energy



Question 7
2 mrks

Which statement is **NOT** true about nuclear energy?

A	Nuclear energy is used to generate electricity.
B	Nuclear energy is created using fossil fuels.
C	Nuclear energy is a nonrenewable resource.
D	Nuclear energy waste may damage the environment.

Question 8
2 mrks

Lilly learned that fossil fuels contain a lot of energy. Why are fossil fuels considered nonrenewable resources?

A	Fossil fuels are essential to civilization.
B	Fossil fuels cannot be replaced fast enough for future use.
C	Fossil fuels are easily renewed.
D	Fossil fuels are alternative energy sources

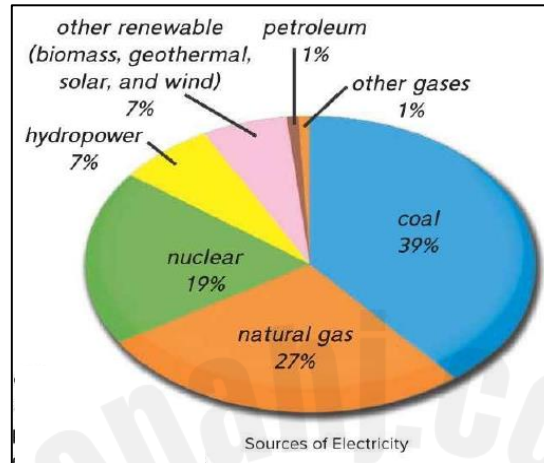
Question 9
2 mrks

A battery powered light bulb is switched ON. Which energy transformation take place in tis process?

A	Electrical energy to chemical energy
B	Chemical energy to mechanical energy
C	Light energy to electrical energy
D	Chemical energy to light energy

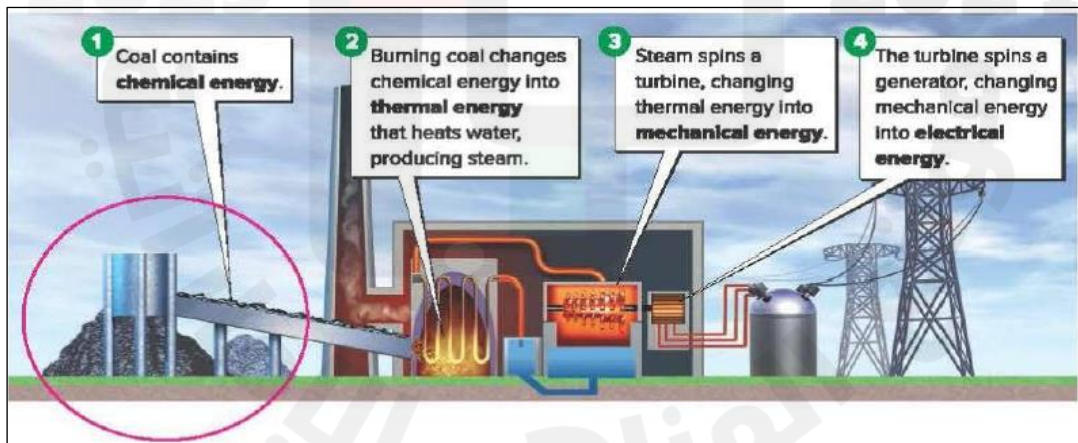


Question 10
4 mrks



1. Which source of electricity has the highest percentage in the chart?
2. What percentage of electricity is generated using nuclear energy?

Question 11
6 mrks



1. What type of energy does spinning turbine produce?
2. What is the final form of energy produced in this process?



Question 12
2 mrks

What happens when we use too much of non-renewable resources?

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