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یک قدم جلوتر
باش!

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ایران توشه، مرجع دانلود فایل های کمک آموزشی دانش آموزان و کنکوری ها

همه چیز
برای موفقیت
تو!

- دانلود رایگان آزمون های آزمایشی قلمچی، خیلی سبز، گاج و ...
- دانلود رایگان گام به گام تمامی دروس
- دانلود رایگان نمونه سوالات امتحانی (نوبت اول و دوم) و امتحانات نهایی
- دانلود رایگان جزوه های کمک آموزشی و شب امتحانی

کافیست هر فایلی که نیاز دارید را در گوگل به این صورت جستجو کنید:

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گام به گام انگلیسی دوازدهم
درس سوم

عنوان فصل: Renewable Energy

از صفحه‌ی ۷۱ تا صفحه‌ی ۹۹ کتاب

در این فایل پاسخ فعالیت‌ها، کارهای کلاسی، تمرین‌ها و پرسش‌های فصل Renewable Energy آمده است.

مباحث فصل: Grammar (Passive with Modals، Past Perfect)، Reading، Conversation، Get Ready، Listening & Speaking، Writing

تهیه‌شده در ایران‌توشه، توشه‌ای برای موفقیت

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۱ صفحه ۷۳ فعالیت

A. Match the pictures with energy sources. a. wind b. water c. sunshine d. plants

Now fill in the blanks with the above words. 1. Some scientists are working on producing electricity from __ . 2. Hydropower or __ power ... 3. Solar energy or the energy that comes from __ ... 4. Wind turbines convert the kinetic energy in the __ ...

1. Some scientists are working on producing electricity from plants. This way, while the plant is growing, electricity is produced.
2. Hydropower or water power is produced as a result of falling or running water.
3. Solar energy or the energy that comes from sunshine can be used to heat, cool, and light our homes and schools.
4. Wind turbines convert the kinetic energy in the wind into mechanical power.

تطبیق تصویرها: تصویر توربین بادی ← wind، تصویر آبشار/سد ← water، تصویر خورشید ← sunshine، تصویر گیاه ← plants.

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۲ صفحه ۷۴ فعالیت

B. Draw a circle around renewable energy sources.

منابع تجدیدپذیر (که باید دورشان دایره کشید): sun (solar), wind, water (hydropower), plants (biomass), tides, geothermal.

منابع تجدیدناپذیر (بدون دایره): oil, coal, natural gas

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۳ صفحه ۷۴ فعالیت

C. This picture shows six ways you can save energy. Place the letter next to the correct description. (A–F)

1. Close the door behind you so the cold or warm air doesn't go out. ← تصویر دری که بسته می‌شود.
2. If you're the last person to leave the room, turn off the TV. ← تصویر تلویزیون.

3. Trees can lower the cooling costs of your home. ← تصویر درخت کنار خانه.

4. Using a dishwasher saves much more water than hand washing. ← تصویر ماشین ظرفشویی.

5. LED light bulbs use 75% less energy and last 10 times longer than string light bulbs. ← تصویر لامپ.

6. Let your computer monitor go to sleep or turn it off to save more energy. ← تصویر رایانه.

حرف هر توصیف، حرف همان بخش در تصویر است.

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۴ صفحه ۷۶ **گفت‌وگو**

Answer the following questions orally.

1. Where are Emad and his father?

2. Has Emad ever traveled to Yazd?

3. What types of clean energy can you find in your city or village?

1. They are in Manjeel, on the way to Guilan.
2. No, he hasn't. He has only read about Yazd's wind towers, and he asks his father to travel there this Norooz.
3. In my city, we can find solar energy and wind energy.

۵ صفحه ۸۲ **فعالیت**

A. Use the information in the 'Reading' to complete the notes. Then compare your notes with your classmates' notes.

- Energy: the ability to do work; forms: mechanical, electrical, chemical, nuclear
- Fossil fuels: natural gas, oil, coal — nonrenewable, polluting, can't be replaced easily
- Clean (renewable) energy: wind, water, sunshine, tides, plants — doesn't pollute, can be replaced
- Solar energy: most common; heating water and air, generating electricity (watches, highway signs, houses, space stations)
- Result: fewer fossil fuels consumed, saved for future generations

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۶ صفحه ۸۲ فعالیت

B. Go back to the 'Reading' and try to take notes on the basis of the guidelines.

Earth for our Children

- Energy = ability to do work
- Fossil fuels (gas, oil, coal) → harmful, nonrenewable
- Clean energy → renewable: wind, water, sun, tides, plants
- Solar: heat → electricity; Iranians: windows, balconies, yards
- Solar collectors: panels on roof
- Result: fewer fossil fuels used, saved for future

۷ صفحه ۸۲ فعالیت

C. Read the 'Reading'. Find what these words refer to. 1. it (paragraph 1, line 1) 2. them (paragraph 2, line 3) 3. them (paragraph 3, line 2) 4. these (paragraph 5, line 5) 5. they (paragraph 6, line 3)

Word	Refers to
1. it	energy
2. them	fossil fuels
3. them	other types of energy resources
4. these	big shiny panels on the roof
5. they	fossil fuels

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۸ صفحه ۸۴ فعالیت

A. Match the following proverbs with their meanings and then write their equivalents in Persian.

English Proverb	Meaning	Persian Proverb
1. Birds of a feather flock together	e	کبوتر با کبوتر، باز با باز؛ کند همجنس با همجنس پرواز
2. Actions speak louder than words	f	عمل کار برآرد به لاف و گزاف نیست
3. Practice makes perfect	g	کار نیکو کردن از پر کردن است
4. Too many cooks spoil the broth	c	آشپز که دو تا شد، آش یا شور می‌شود یا بی‌نمک
5. Easy come, easy go	b	باد آورده را باد می‌برد
6. Two heads are better than one	a	دو دست صدا دارد / مشورت کردن بهتر است
7. Don't count your chickens before they hatch	h	جوجه را آخر پاییز می‌شمارند
8. Out of sight, out of mind	d	از دل برود هر آن‌که از دیده برفت

۹ صفحه ۸۵ فعالیت

B. Write the Persian equivalents for the following English proverbs. 1. Cut your coat according to your cloth. 2. A burnt child dreads the fire. 3. Kill two birds with one stone. 4. Don't look a gift horse in the mouth.

1. ○ پایت را به اندازهٔ گلیمت دراز کن.
2. ○ مار گزیده از ریسمان سیاه و سفید می‌ترسد.
3. ○ با یک تیر دو نشان زدن.
4. ○ اسب پیشکشی را دندان نمی‌شمارند (از هدیه عیب‌جویی نکن).

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۱۰ صفحه ۸۷ فعالیت

C. Tell your teacher how 'passive voice' is made using 'modals'.

Passive voice with modals is made with: modal (can, may, must, should, might ...) + be + past participle.

Active: The principal should call the parents. → Passive: The parents should be called (by the principal).

۱۱ صفحه ۸۷ فعالیت

D. Read the Conversation and underline all 'passive voices with modals'.

- electricity can be produced from water and sunlight
- How might it be generated from wind?
- they can be used instead of electrical air conditioners

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۱۲ صفحه ۸۷ تمرین

E. Read the following sentences and use passive voice with the given verbs in the parentheses. 1. Something (should/do) about global warming ... 2. The bill (must/pay) ... 3. Some dangerous gases (may/produce) ... 4. Wind (can/change) into electricity.

1. Something should be done about global warming, or some types of animals will die out.
2. The bill must be paid before leaving the restaurant.
3. Some dangerous gases may be produced when garbage is burned.
4. Wind can be changed into electricity.

۱۳ صفحه ۸۷ فعالیت

F. Pair up and talk about the things that can/may/should/must be done without mentioning the doer. Example: Water can be converted into ice in cold weather.

1. Energy can be saved at home.
2. Garbage should be collected every day.
3. Homework must be done on time.
4. The lights may be turned off in the daytime.
5. Trees should be planted in cities.

۱۴ صفحه ۸۹ کار گروهی

Pair up and ask your friends to talk about what they did in the past before or after other actions. You may use the clues in the box.

Pair up and ask your friends to talk about what they hadn't done before.

- Before I went home, I had finished my homework.
- After I had eaten lunch, I went to school.
- Before I traveled to Mashhad, I had bought a ticket.
- I had never climbed Damavand before.
- I hadn't gone abroad before last year.
- I hadn't applied for a job before.

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۱۵ صفحه ۹۰ شنیداری

B. Listen to the following conversations and answer the questions.

Conversation 1: 1. Had Rasool tried the restaurant sauce before? 2. Did Rasool go to the new restaurant alone?

Conversation 2: 1. When had Samira and her friends gone to the museum? 2. When did Samira's guests leave her home?

Conversation 1

1. No, he hadn't.

2. No, he didn't. He went with his friends. ○

Conversation 2

1. They had gone to the museum before dinner / in the morning. ○
2. They left after dinner / in the evening. ○

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۱۶ صفحه ۹۱ فعالیت

A. Read the following paragraphs. Cross out any sentences that do not support the topic sentences.

... Ants are strange insects

- Yesterday, I saw an ant. ○
- I can run quickly too. ○

... The new century has brought big changes in communication

- Students should not use cell phones in schools. ○
- But some people do not have such phones. ○

۱۷ صفحه ۹۲ فعالیت

B. Read the following paragraphs. Which one has a concluding sentence?

- Horses are farm animals ... → Yes: "They are very useful farm animals." ○
- Energy is important ... → Yes: "It is thus at the heart of everybody's life." ○
- Elephant is the largest animal ... → No concluding sentence. ○

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۱۸ صفحه ۹۳ فعالیت

C. Unscramble the following sentences. Then write them in correct order to form a paragraph.

The Solar System consists of the Sun, Moon and Planets. The Sun is the largest member of the Solar System. The Sun is at the centre of the Solar System and these planets revolve around it. In order of distance from the Sun, the planets are Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune and Pluto.

ترتیب: ۲ ← ۴ ← ۳ ← ۱

۱۹ صفحه ۹۴ فعالیت

D. Decide if the sentences are topic sentences (T), supporting sentences (S), or concluding sentence (C). a) Trees are very valuable. b) They also cause rain. c) They take carbon dioxide from the atmosphere ... d) In short, the trees are the best friends of man. e) They supply us with many necessary things ...

Type	Sentence
T	a) Trees are very valuable.
S	b) They also cause rain.
S	c) They take carbon dioxide ...
C	d) In short, the trees are the best friends of man.
S	e) They supply us with many necessary things ...

Correct order: a – e – c – b – d

۲۰ صفحه ۹۵ فعالیت

E. Now you are going to write a paragraph about 'Learning a New Language'.

Learning a new language is very useful. First, it helps us talk with people from other countries. Second, it gives us a chance to read books and watch films in that language. Third, it can help us find a better job. In short, learning a new language opens many doors to us.

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۲۱ صفحه ۹۶ فعالیت

F. Using the following pictures, write a paragraph about 'Sport'.

Sport is good for everybody. Many people play football, volleyball, swimming and tennis. Sport keeps our body strong and healthy. It also makes us happy and teaches us to work in a team. In short, everybody should do sport every day.

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۲۲ صفحه ۹۷ فعالیت

G. Look at the following picture and then write a paragraph to describe it.

The picture shows a map of Iran and its neighbors. Iran is in the southwest of Asia, and its capital is Tehran. Turkey and Iraq are in the west, Armenia and Azerbaijan are in the northwest, Turkmenistan is in the northeast, and Afghanistan and Pakistan are in the east. Iran is a big country with many neighbors.

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۲۳ صفحه ۹۹ شنیداری

A. Listen to the first part of a story. 1. a. How was the street at night? b. Had the man experienced such a thing before? 2. Listen again and take note of 'past perfect tenses'. 3. Scan the text and list 'past perfect tenses'.

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1. a. The street was dark and quiet. b. No, he hadn't.
2. (Listening) had + past participle forms heard in the story.
3. had come; had lost; had left

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۲۴ صفحه ۹۹ کار گروهی

C. Work in pairs. Ask and answer. Had the man lost his suitcase in the office? Did the man apologize?

1. No, he hadn't. He had left it in his car. ○
2. Yes, he did. He apologized for his anger and left. ○

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