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GRAMMAR FOR ENGINEERING



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GRAMMAR FOR ENGINEERING

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Учебное пособие соответствует требованиям Примерной «Иностранный строится дисциплины программы язык», междисциплинарной интегративной основе и предназначено для студентов инженерных специальностей. Основной целью пособия формирование И развитие языкового является компонента иноязычной коммуникативной компетенции студентов в сфере их будущей профессиональной деятельности. Грамматический материал сопровождается упражнениями, обеспечивающими осознанную и систематическую отработку языкового учебного материала.

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Present Simple - простое настоящее время

Время **Present Simple** обозначает действие в настоящем в широком смысле слова. Оно употребляется для обозначения обычных, регулярно повторяющихся или постоянных действий, например когда мы говорим о чьих-либо привычках, режиме дня, расписании и т. д., т. е. **Present Simple** обозначает действия, которые происходят в настоящее время, но не привязаны к моменту речи.

Образование Present Simple

Утвердительные предложения:

I work	We work
You work	You work
He / she / it works	They work

Вопросительные предложения:

Do I work?	Do we work?
Do you work?	Do you work?
Does he / she / it work?	Do they work?

Отрицательные предложения:

I do not work	We do not work
You do not work	You do not work
He / she / it does not work	They do not work

Английский глагол во временной форме **Present Simple** почти всегда совпадает со своей начальной, то есть указанной в словаре, формой без частицы **to**. Лишь в 3-м лице единственного числа к ней нужно прибавить окончание **-s**:

I work – he works

Если глагол оканчивается на **-s, -ss, -sh, -ch, -x, -o**, то к нему прибавляется окончание **-es**:

I go – he go**es**

К глаголам на **-у** тоже прибавляется окончание **-es**, а **-у** заменяется на **-i-**:

I try – he tr**ies**

Для того, чтобы построить **вопросительное предложение**, перед подлежащим нужно поставить вспомогательный глагол **do** (или **does** в 3 л. ед. ч.):

Do you **use** Excel in you work?

Does he **speak** English?

В отрицательных предложениях вспомогательный глагол do/does используется перед глаголом, после него прибавляется отрицательная частица not. Do/does и not часто сокращаются до don't и doesn't соответственно:

We **don't** design roadways.

He **doesn't** create new materials.

Случаи употребления Present Simple

• Регулярные, повторяющиеся действия, в этом случае могут быть использованы следующие наречия: always, never, sometimes, usually, often, rarely, every day / year, twice a week / month.

We often **test** new devices.

They have meetings every week.

• Действие в настоящем в широком смысле слова (не обязательно в момент речи):

Ann **studies** Physics and Mathematics.

We **live** in Nizhny Novgorod

• Общеизвестные факты:

The Earth **is** round.

Water **boils** at 100 degrees Celsius.

• Перечисление последовательности действий:

We **analyze** what our customers may need, **develop** a new product, then **produce**, **test** and **sell** it.

• Некоторые случаи указания на будущее время (если имеется в виду некое расписание или план действий, а также в придаточных предложениях времени и условия):

The airplane **takes off** at 2.30 p.m.

When you see a big green house, turn left.

Exercises
1. Complete the sentences using one of the following:
cause(s) close(s) write(s) design(s) open(s) speak(s) reduce(s)
1. Ann English very well.
2. I never reports.
3. The bank
4. Bad driving many accidents.
5. The new seatbelts injuries.
6. He buildings.
2. Put the verb into the correct form.
1. Jane (not / visit) construction sites very often.
2. What time (the banks / close) in Britain?
3. 'Where (Sean / come) from?' 'He's Scottish.'
4. 'What (you / do)?' 'I'm an electrical engineer.'
5. It (take) me an hour to get to work. How long (it / take you?
6. I (play) the drums but I (not / play) very well.
7 I don't understand this sentence. What (this word / mean)?

3. Complete the text below with the following words:

never always every a times usually

4. Complete these questions about Simon.

- 1. When / start work?
- 2. What time / finish?
- 3. How often / go to Germany?
- 4. Where / go at lunchtime?
- 5. What / do at the weekend?

5. Match the questions (1-5) and answers (a-e).

- 1. Do you ever walk to work?
- 2. When do you normally start work?
- 3. When do you normally finish work?
- 4. What do you usually do in the evening?
- 5. How often do you go away on business?

- a. Not a lot. Sometimes I just listen to music.
- b. Before 8.30.
- c. No, I don't. I always drive.
- d. It depends, but I'm usually at the office until 7.
- e. Once or twice a month.

6. Use one of the following verbs to complete these sentences. Sometimes you need

Present Continuous – настоящее длительное время

Время **Present Continuous** обычно указывает на процесс, длящийся непосредственно в момент речи. На это могут указывать контекст или такие слова, как now, at the moment и т.п.:

Mary **is doing** her homework now.

We **are discussing** the new project at the moment.

Образование Present Continuous

Утвердительные предложения:

I am working	We are working
You are working	You are working
He / she / it is working	They are working

Вопросительные предложения:

Am I working?	Are we working?
Are you working?	Are you working?
Is he / she / it working?	Are they working?

Отрицательные предложения:

I am not working	We are not working
You are not working	You are not working
He / she / it is not working	They are not working

Для того, чтобы поставить глагол в форму времени **Present Continuous**, требуется вспомогательный глагол **to be** в настоящем времени и причастие настоящего времени (Participle I) смыслового глагола.

То be в настоящем времени имеет три формы:

- **am** 1 лицо ед. ч. (I am talking.)
- **is** 3 лицо ед. ч. (He is reading.)
- are 2 лицо ед. ч. и все формы мн. ч. (They are sleeping.)

Личные местоимения и вспомогательный глагол часто сокращаются до I'm, he's, she's, it's, we're, you're, they're.

Причастие настоящего времени (Participle I) можно получить, прибавив к начальной форме значимого глагола окончание -ing:

ride – rid**ing**, stop – stopp**ing**

В вопросительном предложении вспомогательный глагол ставится перед подлежащим, а значимый глагол остается после него:

Are you **using** this dictionary?

Who **are** we **waiting** for?

В **отрицательных предложениях** за вспомогательным глаголом следует отрицательная частица **not**. Формы **is** и **are** при этом могут быть сокращены до **isn't** и **aren't** соответственно.

Radio is not (isn't) working.

Случаи употребления Present Continuous

• Указание на процесс, происходящий непосредственно в момент разговора:

I'm looking for a soldering iron.

• Длительное действие, совершающееся в настоящий период времени, хотя и не обязательно в момент речи:

We're working on the new seatbelt design.

• Запланированное действие в будущем:

We **are landing** in Heathrow in 20 minutes.

Exercises

Complete the sentences with one of the following verbs in the correct form:
 have deliver phone unload wait look for

 We the truck.

2. I the site manager.

3. He the lumber.
4. She the supplier.
5. They a meeting.
6. We for the driver.
2. Use the words in brackets to complete the questions.
1 this week?' 'No, he's on holiday.' (Colin / work)
2. Why at me like that? What's the matter? (you / look)
3. 'Jenny is a student at university.' 'Is she? What?' (she / study)
4 to the radio or can I turn it off? (anybody / listen)
5. What crops for biodiesel? (you / use)
6 to the meeting? (your boss / come)
3. Put the verb into the correct form. Sometimes you need the negative (I'm not doing etc.).
1. "Can I ask you a question?" "Yeah, go ahead, I (do) anything special
at the moment.
2. I heard you (work) on the engine for the new vehicle.
3. 'How is your new job?' 'Not so good at the moment. I (enjoy) it very
much.'
4. Next week we (start) to make biodiesel from non-food crops.
5. I want to get some rest, so this week I (work) in the evenings.
6. Angela has just started evening classes. She (learn) German.
4. Read this conversation. Put the verbs into the correct form.
JOAN: Tony! How nice to see you! What (1) (you/do) these days?
TONY: I (2) (train) to be a site manager.
JOAN: Really? What's it like? (3) (you/enjoy) it?
TONY: It's all right. What about you?
JOAN: Well, actually I (4) (not/work) at the moment. I (5) (try)

to find a job but it's not easy. But I'm very busy. I (6) (decorate) my flat.
TONY: (7) (you/do) it alone?
JOAN: No, some friends of mine (8) (help) me.
5. A friend of yours is planning to go on holiday soon. You ask him about his plans. Use the words in brackets to make your questions.
1. (where/go?) Where are you going? – Scotland.
2. (how long/stay?) – Ten days.
3. (when/go?) – Next Friday.
4. (go/alone?) – No, with a friend of mine.
5. (travel/by car?) – No, by train.
6. (where/stay?) – In a hotel.
6. Have you arranged to do anything at these times? Write sentences about yourself.
1. (this evening) I'm going out this evening. or
I'm not doing anything this evening. or
I don't know what I'm doing this evening.
2. (tomorrow morning) <i>I</i>
3. (tomorrow evening)
4. (next Sunday)
5. (choose another day or time)

Present Simple or Present Continuous (настоящее простое или настоящее продолженное время)

Сравните:

Present Continuous (I am doing)	Present Simple (I do)
Используется, когда действие происходит <i>в</i> данный момент или в действие в процессе, но не обязательно в данный момент	Используется, когда говорим о повторяющемся действии или о действии вообще
The kettle is boiling . Can you turn it off, please?	Water boils at 100 degrees Celsius.
Listen to those people. What language are they speaking?	Excuse me. Do you speak English?
What are you doing here? – I'm testing	What do you do ? (What's your job?) – I
the fire alarms.	test electrical and plumbing systems.
Silvia is in Britain for three months.	Most people learn to swim when they
She's learning English.	are children.
"Where is Tom?" "He's playing tennis."	Tom plays tennis every Saturday.

Некоторые английские глаголы, связанные с восприятием (notice, hear, see, feel ...), эмоциями (love, hate, like, want, prefer ...), процессами умственной деятельности (think (в значении believe), believe, understand, know, suppose, remember, forget, realize, mean, ...), владением (have (в значении possess), possess, belong, need ...), не используются во временах группы Continuous, вместо них используется время Present Simple:

Do you understand wha	t I mean?
-------------------------------------	-----------

C	b	а	В	Н	и	т	e
\sim	\sim	u	$\boldsymbol{-}$			•	$\overline{}$

What **do** you **think** Tom will do? (=What do you believe he will do?)

but

What **are** you **thinking** about? (=What is going on in your mind?)

We have a nice house in the countryside.

but

We **are having** a meeting.

Exercises

- 1. Put the verbs in brackets into the correct form: Present Simple or Present Continuous.
 - 1. What you usually(do) at weekends?
 - 2. Ron is in London at the moment. He (stay) at the Hilton Hotel.
 - 3. The River Volga (flow) into the Caspian Sea.
 - 4. I called the office, but I (not remember) who I spoke to.
 - 5. How often you...... (go) to the library?
 - 6. She (talk) to him on the phone right now.
 - 7. Currently we (do) a project on history of space exploration.
 - 8. Where is Paul? He (check) the stock.
- 2. Choose the correct alternatives.
- 1. You work / 're working very hard today.
- 2. Steve often goes / is often going on business trips.

- 3. I *do* / '*m doing* a Spanish evening class this term. It starts / is starting at 7.30 every Monday.
- 4. What do you do / are you doing these days? Do you still study / Are you still studying?
- 5. I usually go / 'm usually going to work by car.
- 6. I stay / 'm staying at my friends' in Moscow for a week.
- 3. Are the underlined verbs right or wrong? Correct the ones that are wrong.
 - 1. I don't know your telephone number.
 - 2. Please don't make so much noise. I study.
 - 3. Can you hear those people? What <u>do</u> they <u>talk</u> about?
- 4. The moon goes round the earth.
- 5. I'm thinking it would be a good idea to leave early.
- 6. Look! That man <u>tries</u> to open the door of your car.
- 7. I'm usually going to work by car.
- 8. Hans and I <u>work</u> as chemical engineers for Entel AB.

A: Hi, James. Why (1) (you / visit) the site? You normally (2)
(stay) in your office.
B: Well, (3) (I / look) for Tony. I have a report for him.
A: I see. I think (4) (Tony / have) his lunch at the moment.
B: Do you know where?
A: (5) (he / train) some new apprentices today. (6)
(they / work) with wiring in Building 5.

4. Complete the conversation with the correct form of the verb in brackets.

A: You're welcome.

B: Ok, thanks.

General question – общий вопрос

Общий вопрос задается, чтобы получить подтверждение или опровержение высказанной мысли, то есть ответ «да» или «нет».

В общих вопросах используется следующий порядок слов:

• Если сказуемое выражено глаголом **to be**, то оно ставится в начале предложения, после него следует подлежащее:

Are you an engineer?

Is Mathematics your favourite subject?

• Если сказуемое включает в себя вспомогательный или модальный глагол, то он (или первый из них, если их несколько) ставится перед подлежащим:

Have you written the report?

Could you help me?

• Если сказуемое выражено глаголом в Present Simple или Past Simple, то в качестве вспомогательного глагола нужно использовать **do / does** или **did**:

Do you speak German?

Did he talk to you yesterday?

Ответ на общий вопрос может быть кратким или полным.

В **кратком ответе** достаточно использовать слово **yes** / **no**, подлежащее и нужный вспомогательный / модальный глагол:

Can I ask something? – Yes, you can.

Do you know the answer? – No, I don't.

Полный ответ употребляется реже, он содержит в себе глагол в полной форме и все относящиеся к нему слова:

Do you like Physics? – Yes, I like Physics. / No, I don't like Physics.

Wh-question – специальный вопрос

Специальный вопрос направлен на то, чтобы получить более подробную информацию о каком-либо члене предложения. Порядок слов в специальном вопросе такой же, как и в общем, кроме вопросительного слова в начале предложения:

What subjects do you have at your university?

В английском языке используются следующие вопросительные слова:

What do civil engineers do?

What products do electrical engineers make? (неогранич. выбор)

Which Which tool do you recommend? (ограниченный выбор)

Who is the head of your department?

Where do you come from?

Why is the scientific method important?

What time What time did the meeting start?

When do engineers give presentations?

How do engineers make cars safer?

How long How long did you stay in Moscow?

How many How many students are there at your university?

How much money are you going to spend?

How often How often do you have meetings?

Если специальный вопрос задается к подлежащему (who? what?) или его определению (what? which? whose? how much? how many?), то вопросительное слово в роли подлежащего ставится в начале предложения, а сказуемое – после него.

Другими словами, в подобных вопросах используется порядок слов обычного повествовательного предложения, и, если глагол использован в Present Simple или Past Simple, то вспомогательные глаголы использовать не нужно:

What's the difference?

Who helped you with the experiment?

Exercises:

1.	Complete these questions with What, When, Where, Why, How
1.	has happened?
2.	does technology make our life easier?
3.	is the magazine article mainly about?
4.	do we need the vaults on the ceiling?
5.	types of measurement systems are there?
6.	do people use the scientific method?

7. do civil engineers help cities?

8.	are you working now?
9.	do you want to leave your company?
2	Correct the mistakes in these questions.
1.	What you mean?
2.	What tools you are using?
3.	How much it cost?
4.	What the blog is about?
5.	When it must be finished?
6.	Why engineers need a lot of education?
7.	Did you took part in the design competition last week?
8.	Is coming your friend tomorrow?
3	Put the words in the correct order to make questions.
1.	problem / a / there / is?
2.	important / physics / why / and / are / mathematics?
3.	to / engineers / do / shapes / construct / use / different / what / buildings?
4.	are / home / in / of / what / your / kinds / materials?
5.	are / of / types / there / what / energy?
6.	work / simple/ make / do / how / machines / easier?
7.	have / question / you / do / a?
8.	you / the / to / can / about / I / talk / accident?
4	Write the questions.
1.	classes are for students who want to build structures.
Whi	ch?
	I'm designing for the vehicle.
Wha	at?

3.	Most students learn about geometric snapes in	
Whe	ere	?
4.	has a polished decorative appearance.	
Wha	nt	?
5.	These hallways have ceilings.	
Wha	at kind of	?
6.	Ceramic tiles are less decorative than porcelain tiles.	
Why	/	_?
7.	There are types of glass we could use.	
Hov	/ m	?
8.	I'm calling about the project sent me.	
Who)	?
9.	The new seatbelts reduce injuries because	
Why	<i></i>	?

- 5 Ask different types of questions to the following sentences:
- •Engineers are the coolest people around because they invent so many things for people and they want to make the world a better place.
- The majority of today's college graduates will have more than one career during their work life, and engineering can provide a strong foundation for almost any one of them.
- A long time ago I read an article in a popular electronics magazine and the title was "Micro Chips Mega Death".

Past Simple – простое прошедшее время

Время **Past Simple** используется для обозначения действия, которое произошло в определенное время в прошлом и время совершения которого уже истекло. Для уточнения момента совершения действия в прошлом при использовании времени **Past Simple** обычно используются такие слова, как yesterday, in 1980, five days ago, last year и т.п.

Образование Past Simple

Утвердительные предложения:

I played	We played
You played	You played
He / she / it played	They played

Вопросительные предложения:

Did I work?	Did we work?
Did you work?	Did you work?
Did he / she / it work?	Did they work?

Отрицательные предложения:

I did not work	We did not work
You did not work	You did not work
He / she / it did not work	They did not work

Для того, чтобы поставить английский глагол во время **Past Simple**, нужно использовать его «вторую форму». Для большинства глаголов она образуется прибавлением окончания **-ed**:

examine – examined, supply – supplied, stop – stopped

Существует достаточно большая группа неправильных английских глаголов, которые образуют форму прошедшего времени не по общим правилам. Для них форму прошедшего времени нужно просто запомнить.

I can't believe I made such a simple mistake!

В вопросительном предложении перед подлежащим нужно использовать вспомогательный глагол **did**, а после подлежащего поставить основной, значимый глагол в начальной форме:

Did they **sign** the contract?

В **отрицательных предложениях** перед глаголом нужно поставить вспомогательный глагол **did** и отрицательную частицу **not** – **did not или didn**'t:

I did not (didn't) understand this question.

Случаи употребления Past Simple:

- Указание на простое действие в прошлом: I saw John in the bank.
- Регулярные, повторяющиеся действия в прошлом: He usually **came** to work at 8 a.m.
- Перечисление последовательности действий в прошлом: I heard a strange sound, looked back and saw a lion.

Exercises

1. Complete the dialogue with the Past Simple of the verbs in brackets.

2. Put one of these verbs in each gap in the past simple:

work	see	go	have	live	go
	be	sell	tea	ch	

- $1. \ I \ldots \ldots hungry, so \ I \ldots \ldots to \ the \ cafe.$
- 2. Tom's father him how to drive when he was 17.

3. 1	her at the meeting last week.				
4. Yes	Yesterday Tom a sandwich for lunch.				
5. We	We needed some money so we our car.				
6. Wh	When I in Leeds, I in a bank.				
7. Yes	terday I to London to see a friend of mine.				
3. Coi	rect the mistakes in these sentences.				
1. Wh	at do you do last night?				
2. I di	dn't had time.				
3. She	didn't be interested in the book because she didn't understand it.				
4. I no	ot rushed because I wasn't in a hurry.				
5. It w	vas warm so I taken off my coat.				
6. Did	you went out last night?				
	ed about the life and career of Steve Jobs. Complete the following text with correct form of the verbs in brackets.				
1955	Steven Paul Jobs (1) (be) born in San Francisco,				
	California. His father (2) (show) him how to work on				
	electronics in the family garage, demonstrating how to take apart and				
	rebuild radios and televisions. As a result, Steve (3)				
	(become) interested in technologies.				
1968 Steve (4) (meet) 18-year-old Stephen Wozniak, who					
	shared the same interest in electronics.				
1972	Jobs (5) (go) to Reed College in Portland, Oregon. He				
	(6) (spend) only one semester at Reed, then dropped out.				
1974	Steve (7) (travel) to India with one of his college friends				
	in search of spiritual enlightenment, then returned home.				
1975	Jobs (8) (begin) attending meetings of the Homebrew				

	Computer Club with Wozniak.			
1976	Jobs and Wozniak (9) (form) their own business, which			
they named Apple Computer Company. At first they (10)				
	(assemble) Apple I computers in the Jobses' garage, and (11)			
	(sell) them to independent computer dealers in the area.			
5. Com help	plete the questions about Steve Jobs' l you.	ife. The answers are on the right to		
When (1) he born?	1955		
How (2)	did he (3) in college?	One semester		
Where d	id he (4)?	India		
Which c	lub (5) he (6)?	The Homebrew Computer Club		
When di	d they (7) Apple?	1976		
Where (8) they (9) first	In the garage.		
compute	ers?			

Present Perfect – настоящее совершенное время

Время **Present Perfect** обозначает действие, завершилось к настоящему моменту или завершено в период настоящего времени. Хотя английские глаголы в Present Perfect обычно переводятся на русский язык в прошедшем времени, в английском языке эти действия воспринимаются в как времени, привязаны настоящем так К настоящему этого действия. С Present Perfect результатом часто используются предлоги и наречия just, already, yet, ever, never, since, for, so far, recently.

I have checked the calculations twice.

Образование Present Perfect

Утвердительные предложения:

I have worked	We have worked
You have worked	You have worked
He / she / it has worked	They have worked

Вопросительные предложения:

Have I worked?	Have we worked?
Have you worked?	Have you worked?
Has he / she / it worked?	Have they worked?

Отрицательные предложения:

I have not worked	We have not worked
You have not worked	You have not worked
He / she / it has not worked	They have not worked

Время **Present Perfect** образуется при помощи вспомогательного глагола **to have** в настоящем времени и причастия прошедшего времени значимого глагола, то есть его «третьей формы».

To have в настоящем времени имеет две формы:

- **has** 3 л. ед. ч. (He has worked)
- have 1 и 2 л. ед.ч. и все формы мн. ч. (I have worked)

Личные местоимения и вспомогательный глагол часто сокращаются до **he's**, **they've** и т. п.

Причастие второе, или причастие прошедшего времени (**Past Participle**), можно образовать, прибавив к начальной форме правильного глагола окончание **-ed**:

happen – happened, stop - stopped

Неправильные глаголы образуют форму прошедшего времени не по общим правилам. Для них форму причастия прошедшего времени нужно запомнить. В вопросительном предложении вспомогательный глагол выносится на место перед подлежащим, а значимый глагол остается после него:

Have you **seen** the new design?

В **отрицательных предложениях** за вспомогательным глаголом следует отрицательная частица **not**. Формы **have** и **has** при этом могут быть сокращены до **haven't** и **hasn't** соответственно:

I haven't seen the new design yet.

Случаи употребления Present Perfect:

• Если говорящему важен сам факт произошедшего действия, а не его время или обстоятельства:

We have tested the engine three times.

Если время события имеет значение, то нужно использовать время **Past Simple**:

We **tested** the engine last week.

• Если период, в который произошло действие, еще не закончился:

We have finished the project this week.

В противном случае используется время Past Simple:

We **finished** the project two weeks ago.

 Для обозначения действий, которые начались в прошлом и продолжаются в момент разговора:

He **has worked** as an engineer for more than 20 years.

I haven't seen him since Monday.

Exercises

- 1. Correct the mistakes in these sentences.
- 1. Sam hasn't arrive yet.
- 2. I have done it last week.
- 3. She haven't finished the report.
- 4. Do you have been to Italy?
- 5. I didn't have received any emails today.
- 2. Complete the conversation between Ann and her boss Jane during the exhibition with the correct form of the verb in the Present Perfect.

Anne: I've got some good news for you. We (1) (receive) three big
new orders. Rob Peterson from KTex (2) (order) our Luminous tablets
Jane: That's excellent. How many (3) (order)?
Anne: Three hundred. Great, isn't it! And SBC and Hallcomb (4)
Jane: Fantastic. (5) (you / tell) Don yet? He'll be delighted.
Anne: No, I (6) (not / tell) him yet. I'll phone him later this afternoon.
Jane: And (7) (you / speak) to any Japanese buyers?

Anne: Yes, but no luck! In fact, we (8) (never / sell) any of our products in Japan. But, despite that, I have to say that the exhibition (9)
(be) a great success.
Jane: Thanks very much, Anne.
3. Complete the sentences with the Past Participles of the verbs in the box.
be find use check see happen finish
1. What has?
2. I've the calculations twice.
3. Have you making the report?
4. He has never metric measurements before.
5. Have you a job yet?
6. I haven't the results yet.
7. Have you ever to New York?
4. Choose the correct alternatives.
A: Hello, I'd like to apply for the job of car mechanic.
B: Well, I hope you (1) had / have had the right kind of experience. (2) Did you do /
have you done this kind of job before?
A: Yes, I (3) did/have.
B: Where?
A: Well, I (4) had / 've had some experience in a car shop.
B: Oh, really?
A: Yes, I (5) worked / 've worked there two years ago.

B: (6) Were you / have you been a car mechanic?

A: No, I (7) wasn't / haven't. I (8) was / 've been a sales assistant.

B: Oh, I'm sorry. We need someone who (9) had / 's had experience as a car
mechanic.
5. Put the verbs in brackets into the Present Perfect or Past Simple:

1. Did you	like the movie "Star Wars?" – I don't know. I (never / see)
that movie	•
2. I	(meet) a lot of people in the last few days.
3. Sam	(arrive) in San Diego a week ago.
4. My best	friend and I (know) each other for over fifteen years. We
still get tog	gether once a week.
5. Stinson	is a fantastic writer. He (write) ten very creative short stories
last year.	
6. Things	(change) a great deal at Coltech, Inc. When we first
•••••	(start) working here three years ago, the company (have)
only six e	mployees. Since then, we (expand) to include more than
2000 full-t	ime workers.
6. Cho	ose the right answer.
1. Wh	en the company?
a)	have you joined
b)	did you joined
c)	did you join
d)	have you ever joined
2	in Germany?
a)	Did you ever worked
b)	Have you ever worked
c)	Worked you
d)	Didn't you have worked

3. Tha	it's the best presentation	
a)	I never heard	
b)	I didn't hear	
c)	I heard	
d)	I've ever heard	
4. He's	s the most creative person	
a)	I never met.	
b)	I never meet.	
c)	I've ever met.	
d)	I've never met.	
5	to him last wools	
٥	to him last week.	
a)		
	I spoke	
a)	I spoke	
a) b)	I spoke I've already spoken	
a)b)c)d)	I spoke I've already spoken I didn't spoke I speaked	
a)b)c)d)	I spoke I've already spoken I didn't spoke	from a business trip to
a)b)c)d)	I spoke I've already spoken I didn't spoke I speaked reason I look so brown is that	from a business trip to
a)b)c)d)	I spoke I've already spoken I didn't spoke I speaked reason I look so brown is that	from a business trip to
a)b)c)d) 6. TheSpain.	I spoke I've already spoken I didn't spoke I speaked reason I look so brown is that	from a business trip to
a)b)c)d)6. TheSpain.a)	I spoke I've already spoken I didn't spoke I speaked reason I look so brown is that I come back	from a business trip to

Passive Voice – пассивный залог

Форма залога показывает, является ли подлежащее в предложении (лицо или предмет) производителем или объектом действия, выраженного сказуемым.

Пассивный залог (Passive Voice) показывает, что лицо или предмет, выраженное подлежащим, испытывает действие на себе:

Renault cars are made in France.

Пассивный залог употребляется, когда исполнитель действия очевиден или несуществен, или когда действие или его результат более интересны, чем исполнитель.

Образование пассивного залога

Для того, чтобы получить форму глагола в пассивном залоге, необходим вспомогательный глагол **to be** в соответствующем времени, лице и числе и причастие прошедшего времени (**Past Participle**) значимого глагола:

Sound barrier was broken in 1947.

This building will be demolished next month.

В **отрицательных предложениях** частица **not** ставится после вспомогательного глагола, а если их несколько, то после первого из них:

He has not been seen anywhere.

В вопросительных предложениях вспомогательный глагол (или первый из них) выносится на место перед подлежащим:

When was the telephone invented?

Таблица времен пассивного залога

	Simple	Continuous	Perfect
Present	space is explored	space is being explored	space has been explored
Past	space was explored	space was being explored	space had been explored
Future	space will be explored		space will have been explored

Дополнение в предложении с глаголом-сказуемым в пассивном залоге употребляется с предлогами **by** или **with**.

Дополнение с предлогом **by** выражает действующее лицо или действующую силу:

Two hundred people are employed by the company.

Дополнение с предлогом **with** выражает орудие действия: Holes **are made with** a drill.

Exercises

- 1. Change these active sentences into the passive so that they sound more natural.
- 1. Somebody produces mobile phones in Finland.
- 2. A mechanic is repairing my car at the moment.

- 3. Somebody made this video game in Japan.
- 4. Anybody can find lots of information by searching Google.
- 5. They manufacture electronic goods in China.
- 6. They will print the newspaper at 3 a.m.
- 2. Complete the text using the Present or Past Passive of the verbs in brackets.

Here	are	some	examples	OI	spinori	s irom	space	travei.	Ine	aev	ices	(1)
• • • • • • • • • • • • • • • • • • • •		(create)) many ye	ears	ago for	space	prograi	mmes.	But n	low	they	(2)
	((use) by	many pe	ople	in every	day life	e.					

The smoke detector (3) (make) for the Skylab space station in the 1970s to detect toxic gases. Now they (4) (install) in most buildings to warn people of fire.

The CADCAM computer program (5) (invent) by NASA engineers over 20 years ago to find problems in spaceships. Now nearly all cars (6) (design) using these programs.

Today many computer games (7) (control) by means of small joysticks. In fact joysticks (8) (introduce) many years ago to control the Apollo Lunar Rover.

3. Read the article "Robotic Ants Inventor" and choose the appropriate verb forms (Active or Passive).

At MIT's Artificial Intelligence Lab, James McLurkin (1) is developing / is being developed robotics by combining ideas from engineering with biology.

McLurkin (2) *built / was built* his first robot, Rover, at age 15. For his thesis project as a student, he (3) *decided / was decided* to develop a group of smaller robots that could work together.

While working on this project, McLurkin (4) *observed / was observed* a large container of ants which (5) *kept / was kept* on his desk. Twelve "ant" robots (6) *designed and built / were designed and built.*

Being about an inch size, each ant (7) *powers / is powered* by a tiny internal computer that (8) *runs / is run* three motors. Each ant's sensors (9) *allow / are allowed* it to detect and go around obstacles and move toward light. These mechanisms (10) *make / are made* the robots interact in ways that mimic the behavior of real ants.

"Biology (11) can use / can be used to open the secrets of intelligence. We could then take robots and possibly change things about biology."

Nature also (12) *is studying / is being studied* by many other inventors to develop different types of robots. Animals serving as robot inspirations (13) *include / are included* mice, ladybugs, bats, cockroaches, and crabs.

4. Fill in the gaps, using the correct form of the verbs in brackets.
1. Large drills (make) holes in the roof of the tunnel. Then the holes
(fill) with bolts and cement.
2. A large propeller (push) the hovercraft forwards. The propeller
(drive) by a powerful engine.
3. Hot water (flow) from the engine into the radiator. Here it
(cool) by the fan.
4. The robot (monitor) by a computer. This computer also
(control) all the other robots in the building.
5. First, the rusty machine parts (bring) into the factory. Then they
(clean). Then the rust (remove). Next the parts
(paint). Finally, they (take) out of the factory again.

5. Change this set of instructions into a description of a process, using the Passive and the words in the box.

finally first	next	now	then
---------------	------	-----	------

1 Run the engine for a few minutes.	5 Put the oil drain plug on.
2 Switch off the engine.	6 Take off the oil filler cap.
3 Take off the oil drain plug.	7 Pour in the new oil.
4 Empty the old oil into a container.	8 Put the oil filler cap back on.

First the engine is run for a few minutes. Then it

- 6. Tick the correct sentences. Correct the mistakes in the other sentences.
 - 1. The president was given John an award.
 - 2. German speaks in Austria.
 - 3. The firefighters saved the women.
 - 4. The report must be completed by next Friday.
 - 5. All the students were understood the explanation.
 - 6. The DVD recorder is repairing at the moment.
 - 7. She is reading an e-mail.
 - 8. Thomas and his brother was built that house.
 - 9. Honda cars is produced in Japan.
 - 10.Lots of houses destroyed by the earthquake.
 - 11. Henry Ford invented the assembly line.
 - 12. This room has been painted blue.

Degrees of Comparison – степени сравнения прилагательных

Существуют три степени сравнения прилагательных в английском языке – положительная, сравнительная и превосходная.

long – longer – the longest

Способы образования степеней сравнения прилагательных в английском языке

	Положительная Positive	Сравнительная Comparative	Превосходная Superlative
Односложные	cheap	cheaper (than)	the cheapest
прилагательные	small	smaller (than)	the smallest
	big	bigger (than)	the biggest
Прилагательные,	funny	funnier (than)	the funniest
оканчивающиеся	early	earlier (than)	the earliest
на -у	heavy	heavier (than)	the heaviest
Прилагательные,	careful	more careful (than)	the most careful
состоящие из 2-х	boring	mare boring (than)	the most boring
и более слогов	expensive	more expensive (than)	the most expensive
Исключения	good	better (than)	the best
	bad	worse (than)	the worst
	far	further/ farther (than)	the furthest/
			farthest

Степени сравнения односложных прилагательных образуются при помощи суффиксов **-er** и **-est.**

```
cheap – cheaper – the cheapest
```

При прибавлении суффиксов **-er** и **-est** нужно помнить о следующих правилах орфографии:

• Немое **-е** в конце слов опускается:

```
safe - safer - the safest
```

• Если прилагательное оканчивается на краткую гласную и согласную, то в сравнительной и превосходной степенях конечная согласная удваивается:

```
big – bigger – the biggest
```

Сравнительная и превосходная степени прилагательных, оканчивающихся на **-y**, также образуются при помощи суффиксов **-er** и **-est**, при этом конечная **-y** заменяется на **-i**:

```
easy – easier – the easiest
```

Многосложные прилагательные образуют степени сравнения при помощи слов **more/most**(более/наиболее), **less/least** (менее/наименее).

```
effective – more effective – the most effective
```

effective – **less** effective – **the least** effective

Некоторые прилагательные в английском языке образуют степени сравнения не по общим правилам:

```
Good – better – the best
```

Bad – worse – the worst

Many / much – more – the most

Little – less – the least

Far – farther / further – the farthest / the furthest

Old – older / elder – the oldest / the elder

Существуют различия в значении слов farther/further и older/elder.

Farther – **the farthest** используется только в отношении физического расстояния:

I live **farther** from university than Ann.

Further – the furthest имеет более широкое значение:

You can find **further** information on our website.

Elder – the eldest обозначает старшинство в семье:

My **elder** sister lives in Manchester.

Older – the oldest обозначает возраст:

This is **the oldest** university in Europe.

Для сравнения прилагательных используется союз **than**.

Steel is **heavier than** lumber.

Прилагательные в превосходной степени обычно используются в комбинации с определенным артиклем **the**.

That's **the best** presentation that I've ever seen.

Exercises

1. Complete the table

Positive	Comparative	Superlative
important		
fast		
long		
much		
expensive		
cheap		
little		
new		
good		
complicated		
difficult		
easy		
high		
safe		
dangerous		
great		

2. Correct the sentences.

- 1. The importantest language for international business is English.
- 2. The exam was easy than we expected.
- 3. I'd like to have the more reliable car.
- 4. It's becoming more hard and more hard to find a job.
- 5. "The more difficult thing about English is the prepositions" students usually say.
- 6. My Spanish is badder than my French.

7. The aerospace industry is largest user of titanium.
8. Computer models are more fast than physical prototypes .
3. Put the words together to make sentences.
1. take / others / projects / longer / some / than
2. wants / room / a / the / bigger / client
3. more / ceilings / vaulted / space / create
4. standard steel / than / stainless steel / more / costs
5. pipes / much / we / longer / need
6. cars / do / safer / how / engineers / make ?
7. tiles / tiles / are / than / porcelain / ceramic / decorative / less
8. stretch / going / more / seatbelts / make / you / to / are ?
4. Complete the sentences with the correct form of the adjectives.
1. Engineering is one of today's (fast) growing areas.
2. Technology is a type of machine that makes life (easy).
3. Vaulted ceilings make rooms look (big).
4. We can make the estimate (cheap).
5 (great) stopping distances exert (little) force on
passengers.
6. I can make the new seatbelts (safe) than our current models.
7. Some computer cases dissipate heat (good) than others.
8. The scale of this project is (large) than the last one.
5. Complete the text.
Which is the better fuel for a car? Is it petrol or diesel? Petrol is (1)
(common) because it makes a car go (2) (fast) than diesel. Diesel

usually costs (3) (little) than petrol, and you can travel for (4)
(many) kilometers per litre, because diesel has about 10% more energy
per litre than petrol. But diesel engines are (5) (noisy) and (6)
(heavy) than petrol ones, although they last longer. From an
environmental point of view, diesel oil is (7) (good) than petrol,
because the exhaust from diesel engines produces less pollution. It's also (8)
(safe). Because diesel is (9) (combustible) than petrol
it's less likely to catch fire in an accident.

- 6. Make comparisons. Think of as many differences as possible.
 - 1. the Coliseum / the Eiffel Tower / the Pyramids
 - 2. coal-fired power / nuclear power / wind power
 - 3. lumber / concrete / steel
 - 4. Norway / Zimbabwe / Australia
- 7. Write down three items or products you know about. Compare them and make notes.

Modal verbs – модальные глаголы

Модальные глаголы в английском языке отличаются от остальных глаголов тем, что они не используются самостоятельно и не обозначают конкретного действия или состояния, они отражают его модальность, то есть отношение к нему говорящего. Вместе модальный глагол и инфинитив значащего глагола образуют составное модальное сказуемое:

I can answer your questions.

I must go.

Говорящий может оценивать действие как возможное, необходимое, разрешаемое, просимое, запрещенное, приказываемое, маловероятное, очень вероятное и т. д. В зависимости от такой оценки и структуры предложения нужно использовать один из модальных глаголов.

Вопросительные предложения с модальными глаголами образуются без вспомогательного глагола **to do**, при этом модальный глагол выносится в начало предложения:

Could you help me?

Отрицательная форма модального глагола образуется постановкой после него частицы **not**. Зачастую, особенно в устной речи, они сливаются в сокращенную форму.

I can't believe it.

Модальный глагол can

Модальный глагол **can** используется только в двух формах: **can** – для употребления в настоящем времени и **could** – в прошедшем времени и сослагательном наклонении.

I can make the new seatbelts safer.

We **could** save money by getting ceramic tiles instead.

Из-за того, что глагол **can** не имеет формы будущего времени, для описания действия в будущем он заменяется на 'be able to':

Soon I will **be able to** read English books without a dictionary.

Модальный глагол can употребляется:

 Для отражения физической или умственной способности, умения что-то делать:

This machine **can** split objects.

• Для обозначения общей возможности:

We **can** make the estimate cheaper.

• Для того, чтобы попросить/дать разрешение:

You can come in.

Для запрещения чего-либо (в отрицательной форме cannot / can't):

One **cannot** smoke at a petrol station.

• При просьбе:

Can you wait for me in the hall?

Форма **could** отражает при этом подчеркнуто вежливый тон:

Could you take a look at these numbers?

Для выражения сильного недоверия (в отрицательной форме cannot / can't):

I can't believe it!

Модальный глагол тау

Модальный глагол **may** имеет основное значение вероятности или разрешения и используется только в двух формах: **may** – для использования в настоящем времени и **might** – в прошедшем времени и сослагательном наклонении.

You may come in.

Our budget **might** not cover it.

Модальный глагол тау употребляется:

• Для того, чтобы попросить/дать разрешение, причем такая фраза звучит более формально, чем с модальным глаголом **can**:

You **may** leave.

May I (might I) use your dictionary?

Форма **might** используется в особо вежливых просьбах.

• Для выражения предположения или возможности, в которых говорящий не уверен:

Josef may come today

The weather **might** be better tomorrow.

Модальный глагол must

Модальный глагол **must** имеет общее значение долженствования и употребляется для выражения необходимости совершения действия в силу определенных обстоятельств, а также для выражения приказания или совета.

The frame **must** weigh 20 kilogram or less.

Так как у модального глагола **must** нет формы будущего и прошедшего времени, то в таких ситуациях вместо него используется модальный глагол **have to**:

I had to wake up at six yesterday.

Модальный глагол must употребляется:

 Для выражения непосредственной необходимости или обязанности:

We **must** build this house by autumn.

При использовании во втором лице модальный глагол **must** означает прямой приказ:

You **must** prepare the monthly report.

• При запрете (отрицательных приказах):

You **must not** use a computer for more than 6 hours straight.

 Для выражения уверенности, высокой вероятности (переводится на русский язык как «должно быть», «наверняка»):

He **must** be on his way here.

Модальный глагол should

Модальный глагол **should** имеет общее значение совета или рекомендации, необязательной к исполнению.

I don't think you **should** work so hard.

Модальный глагол should употребляется:

• В советах и инструкциях:

I think you **should** apply for this job.

• Для выражения морального обязательства:

We **should** take care of nature.

Модальный глагол have to

В отличие от остальных модальных глаголов **have to** не является недостаточным глаголом. Он, как и простые глаголы, способен отражать категории лица и числа. Связанный с ними значащий глагол используется с частицей **to**.

All I have to do is extend the stopping distance.

Для того, чтобы образовать вопросительную и отрицательную форму, нужно использовать вспомогательный глагол **to do**:

Do you really have to go?

You **don't have to** do it if you don't want to.

Формы модального глагола have to:

Настоящее	время			
I have to (don't have to)	We have to (don't have to)			
You have to (don't have to)	You have to (don't have to)			
He/She/It has to (doesn't have to)	They have to (don't have to)			
Прошедшее время				
прошодшес	: время			
I had to (did not have to)	we had to (did not have to)			
•	•			

Глагол **have to** используется для выражения обязательства, необходимости что-то сделать из-за определенных обстоятельств:

I have to work tomorrow.

We are late so we **have to** take a taxi.

Также **have to** заменяет модальный глагол **must** там, где тот не может использоваться – в прошедшем и будущем времени, а также при отрицаниях для выражения отсутствия обязательства:

Yesterday I had to stay late and finish the report.

The road is blocked, so the bus will have to go round.

You don't have to work full time.

Exercises

7	\sim .1	
1.	Correct the	contoncos
1.		nemences.

1.	Vaulted	ceilings	can to	increase	energy	costs.

- 2. I'm can give you a bid on lumber.
- 3. How you can do that?
- 4. It could be really help us design better computer cases.
- 5. What should do employees when they see a hazard?
- 6. The paramedics can to treat injury.
- 7. Do you have not to work at weekends?
- 8. In the UK you have wear seatbelts in the back of a car.

<u> </u>	\sim 1	41	7	1 1
/	· noose	the correct	modal	worn
∠.	$C_{II}C_{I}C_{I}C_{I}C_{I}C_{I}C_{I}C_{I$		mount	voio.

1. My grandmother was a linguist. She speak five languages fluently
a) should b) could c) might
2. Students leave the classroom before the bell rings.
a) shouldn't b) must c) can
3. Tomorrow is Sunday. I go to university.
a) can't b) must not c) don't have to

- 4. It's a secret. You tell anyone about it.
- a) can't b) must not c) don't have to
- 5. I give you a lift to the station. My car broke down yesterday.
- a) may b) should not c) can't

6. You don't look well. You see a doctor.						
a) could b) should c) can						
7. I have no time. I leave now or I'll miss the bus.						
a) might b) should c) must						
8. This new computer programme be very interesting.						
a) can b) doesn't have to c) has to						
3. Complete the sentences using the words from the box in the correct form. Sometimes you need the negative. can could have to must should						
1. If you want to get a better feeling of the city, you walk downtown and						
climb the Empire State Building.						
2. Hiking in the mountains be dangerous if you are not well prepared for						
dramatic weather changes. You research the route a little more before you						
go.						
3. I often to take important business decisions. I take long						
holidays because the company needs me in the office.						
4. I speak Arabic fluently when I was a child and we lived in Egypt. But after we moved back to Canada, I forgot almost everything I knew as a child. Now, I just say a few things in the language.						
5. The book is optional. My professor says we read it if we need extra credit. But we read it if we don't want to.						

3.
6. For most people, learning a language is challenging. Experts agree that to make the most of your language learning experience, you practice the language regularly.
7. You book the tickets for the play in advance - they sell out quickly.
8. I do Maths at school but I'm still not good with numbers.
4. Think about what engineers have to do and what they don't have to do. Add your ideas.
work hard
wear a uniform
go on business trips
work in the evenings
work with children
design projects
use a computer
do experiments

work at home

List of English Irregular Verbs

Verb (infinitive)	Past simple	Past participle	
be	was/ were	been	быть, находиться
become	became	become	становиться
begin	began	begun	начинать
break	broke	broken	ломать
bring	brought	brought	приносить, привозить
build	built	built	строить
buy	bought	bought	покупать
catch	caught	caught	ловить
choose	chose	chosen	выбирать
come	came	come	приходить
cost	cost	cost	стоить
cut	cut	cut	резать, рубить
dig	dug	dug	копать
do	did	done	делать
draw	drew	drawn	рисовать, чертить
drink	drank	drunk	пить
drive	drove	driven	водить машину
eat	ate	eaten	есть
fall	fell	fallen	падать
feed	fed	fed	кормить

		30	
feel	felt	felt	чувствовать
fight	fought	fought	драться, сражаться
find	found	found	находить
fly	flew	flown	летать
forget	forgot	forgotten	забывать
forgive	forgave	forgiven	прощать
get	got	got (BrE) / gotten (AmE)	получать, добираться
give	gave	given	давать
go	went	gone	идти, ехать
grow	grew	grown	расти, выращивать
have	had	had	иметь
hear	heard	heard	слышать
hide	hid	hidden	прятать(ся)
hit	hit	hit	ударить
hold	held	held	держать
know	knew	known	знать
learn	learned	learnt/learned	учить, узнавать
leave	left	left	оставлять, покидать
lend	lent	lent	давать взаймы

lost

made

изготавливать

терять

делать,

lost

made

lose

make

mean	meant	meant	значить, иметь в виду
meet	met	met	встречать
pay	paid	paid	платить
put	put	put	положить
read	read	read	читать
ride	rode	ridden	ездить верхом
rise	rose	risen	подниматься
run	ran	run	бежать
say	said	said	сказать
see	saw	seen	видеть
sell	sold	sold	продавать
send	sent	sent	посылать
set	set	set	устанавливать
show	showed	shown	показывать
sing	sang	sung	петь
sit	sat	sat	сидеть
sleep	slept	slept	спать
speak	spoke	spoken	говорить
spend	spent	spent	проводить, тратить
stand	stood	stood	СТОЯТЬ
steal	stole	stolen	красть, воровать
swim	swam	swum	плавать

take	took	taken	брать, взять

teach taught taught преподавать, учить

tell told cказать

think thought thought думать

throw threw thrown бросать

understand understood иnderstood понимать

wear wore worn носить (одежду)

win won побеждать

write wrote written писать

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