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КАФЕДРА ИНОСТРАННЫХ ЯЗЫКОВ

Сборник дополнительных лексико-грамматических упражнений к учебному  
пособию «English for students of engineering faculties (basic level). Часть 1»

Учебно-методическое пособие

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Данное учебно-методическое пособие предназначено для студентов 1 курса ТУСУРа направлений бакалавриата ФЭТ, ФСУ, ФВС, РТФ, РКФ очной формы обучения. Пособие составлено в соответствии с целями и задачами дисциплины «Английский язык». Учебно-методическое пособие предназначено для отработки и закрепления лексических и грамматических навыков. Пособие содержит упражнения, сгруппированные по лексическим и грамматическим темам, соответствующим темам учебного пособия «English for students of engineering faculties (basic level) часть 1». Настоящее учебно-методическое пособие может быть использовано как для самостоятельной работы студентов, так и для работы на практическом занятии.

«Сборник дополнительных лексико-грамматических упражнений к учебному пособию «English for students of engineering faculties (basic level). Часть 1» размещено в электронном виде на образовательном портале ТУСУРа

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## Lesson 1. Personal life. Part 1. Nice to meet you!

Task 1. **Try to guess which word from Word bank is meant:**

1. A person who goes to university is a ... .
2. Your uncle's (or aunt's) son (or daughter) is your ... .
3. It's something you do in life.
4. A person you study with is your ... .
5. When you study or work hard people call you ... .
6. When you enter the university you become a ... .
7. When you see a person for the first time you say: "... ..!"

Task 2. **Translate the following sentences into English:**

1. Мой двоюродный брат – студент первого курса.
2. Я студент первого курса ТУСУРа.
3. Наш университет молодой, но известный.
4. У меня большая семья.
5. Моя специальность – Информационная безопасность.
6. Его родной город – Чита.
7. Я из Северска.
8. Мой родной город не очень большой.

Task 3. **Choose the correct variant:**

1. ... are brothers.  
a) I b) We c) He
2. Mike is ...friend.  
a) he b) my c) we
3. ...name is Mary.  
a) his b) her c) he
4. This is ...dog.  
a) I b) we c) my
5. Is Sarah ...sister?  
a) you b) your c) she
6. ...is my cousin.  
a) you b) she c) they
7. ...car is old.  
a) your b) she c) it
8. This is Frank's brother. He is ...brother.  
a) he b) his c) their
9. This is Lora's sister. She is ...sister.  
a) her b) his c) their

**Task 4. In pairs: Write the names of two famous people. Ask and answer questions about them as in the example:**

*Example:*

Bill Gates

A. What's his name?

B. His name is Bill.

A. What's his surname?

B. His surname is Gates.

A. How old is he?

B. He is 58.

A. What's his native city?

B. His native city is Seattle.

A. What's his occupation?

B. He is a businessman.

A. What's his hobby?

B. His hobby is playing bridge.

## Lesson 1. Personal life. Part 2. About myself

Task 1. **Match two columns to make phrases from Word bank. Translate the phrases:**

1. six days	a. lectures
2. free	b. time
3. to attend	c. part in
4. to spend	d. a week
5. to go	e. out experiments
6. to take	f. to the gym
7. to carry	g. time

Task 2. **Translate the following sentences into English:**

1. Шесть дней в неделю я хожу в университет.
2. В свободное время я хожу на прогулку.
3. Я не из Томска и живу в общежитии.
4. Я принимаю участие в спортивных соревнованиях каждый год.
5. Я меня большая семья, мы проводим много времени вместе.
6. Мой друг говорит на двух языках.
7. Я не играю на гитаре, но люблю музыку.

Task 3. **Look at the answers and complete the questions:**

1. ... is TUSUR? – It's a university.
2. ... the capital of the USA? – It's Washington.
3. ... is Tom Cruise? – He's an actor.
4. ... is Christmas? – In December.
5. ... is your hostel? – It's in Kirova Street.
6. ... is New Year? – It's on the first of January.
7. ... is Louvre? – It's a museum.
8. ... are you at home? – Because I don't have classes.
9. ... do you have English lessons? – Twice a week.
- 10.... lessons do you have today? – Three.

Task 4. **Ask questions for these answers:**

1. She is my cousin.
2. My exam is in summer.
3. My name is Andrew.
4. The university is in the city centre.
5. I'm a student.
6. Because she is ill.
7. I have two brothers.
8. Three times a week.

## Lesson 2. Education. Part 1. My Day at University

Task 1. Find words from the Word bank:

S	A	G	F	A	R	B	D	K	O	S
T	S	U	P	P	O	R	T	I	V	E
U	U	C	E	P	N	Q	I	M	J	T
D	B	E	A	L	H	H	M	N	F	R
Y	J	F	S	I	G	O	E	R	U	O
A	E	W	T	C	O	S	T	M	Z	W
W	C	R	Q	A	Y	T	A	C	X	I
A	T	T	E	N	D	E	B	U	S	N
I	B	M	Z	T	E	L	L	B	D	G
E	X	A	M	S	A	W	E	M	O	P

Task 2. Translate the sentences into English:

1. Я меня каждый день три урока.
2. Ты получаешь стипендию?
3. Как ты добираешься до университета?
4. Я живу достаточно далеко, поэтому я езжу в университет на автобусе.
5. Каждое лето абитуриенты сдают вступительные экзамены в университеты.
6. Чтобы сделать домашнее задание я использую интернет, это очень помогает.
7. Чтобы сдать экзамены, студенты усердно учатся весь семестр.

Task 3. Look at Ruslan's daily routine and read his story about it. Then write your daily routine in your notebook. Switch the notebooks with your partner and tell about his or her daily routine.

7.40	get up
7.40 - 8.10	have breakfast
8.10 - 8.40	go to university
12.15 - 13.00	have lunch
15.10	go home
16.00 - 18.00	do homework
18.00 - 19.30	go for a walk
20.00 - 23.00	play computer
23.30	go to bed

Ruslan is 18 years old and he studies at university in Tomsk. Every day he gets up at 7.40 and has breakfast. He leaves home at 8.10 and goes to university on foot. His lessons start at 8.50. After the second lesson he runs to the cafeteria and has lunch. His lessons finish at 15.00. From 16.00 to 18.00 Ruslan does his homework and then he goes for a walk. After it he plays computer games or chats with his friends online. Usually Ruslan goes to bed at 23.30.

**Task 4. Choose the correct verb:**

1. He ... in an office. (work / works)
2. I ... football on Tuesdays. (play / plays)
3. Mike ... toy cars. (collect / collects)
4. We ... many lectures. (write / writes)
5. She ... in Kemerovo. (live / lives)
6. The shop ... at 10 o'clock. (close / closes)
7. He ... films on his notebook. (watch / watches)
8. They ... home at five o'clock. (go / goes)
9. Sam ... his room at weekends. (clean / cleans)
10. We ... our grandparents in summer. (visit / visits)

**Task 5. Make these sentences negative:**

1. They play tennis every night.
2. Dennis works in a factory.
3. She meets with her friends every Friday.
4. The lecture finishes at 3 o'clock.
5. We like Maths.
6. We go to university by bus.
7. I like Physics.
8. You work hard.
9. Roman and Alex live in Asino.
10. We go to the gym on Sundays.



## Lesson 2. Education. Part 2. TUSUR

Task 1. **Match two columns to make phrases. Translate the phrases. Consult the text on page 13:**

1. to get	a. research
2. engineering	b. business incubator
3. to carry out	c. equipped with
4. long-term	d. higher education
5. a student	e. the opportunity
6. to be	f. cooperation
7. to give	g. native towns
8. without leaving	h. university

Task 2. **Complete the table. Use the dictionary if necessary:**

verb	noun
cooperate	
develop	
	variety
	intention
equip	
	establishment

Task 3. **Complete the sentences with the words from the table above:**

1. Research organizations all over the world ... science.
2. The ... of industry is very supportive for economy.
3. TUSUR is a higher educational ....
4. In 2004 a student business incubator was ....
5. ... between universities helps to develop science.
6. More than 20 universities ... with TUSUR in education, research and development.
7. The director of this company bought all the necessary ... for the office.
8. This classroom is ... with modern computers.
9. TUSUR can offer applicants a great ... of specialties.
10. Prices on computers may ... greatly.

Task 4. **Test: Are you brave?**

Complete the questionnaire and write four sentences about what you are afraid of:

*Example: I'm not afraid of mice. I'm afraid of spiders.*

1. Mouse
2. Spider
3. Witch
4. Black cat
5. Ghost
6. Cockroach

**Task 5. Replay the dialogue:**

Mike and Sam wrote two lists of products that they have in their refrigerators.

Student A. Look at the Mike's list of products.

Student B. Look at the Sam's list of products.

Ask and answer questions to fill in the missing information.

Example: A: Are there any eggs? - B: Yes, there are. How many eggs are there? - A: There are ten eggs.

Mike's list of products
10 ...
1 bottle of ...
... potatoes
... tomatoes
... of cheese
... of pelmenis
half a bottle of ...
... loaf of bread
... dead mouse

Sam's list of products
... eggs
... bottle of milk
3 ...
2 ...
200 g of ...
400 g of ...
... of vegetable oil
1 loaf of ...
1 ...

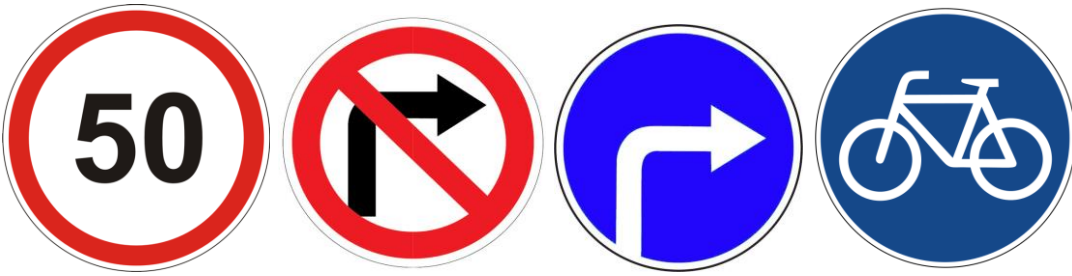
**Task 6. Put the words into the correct order to make sentences:**

1. door / I / open / can't / this
2. can't / remember / the name / of our teacher / I
3. Jane / to see / isn't / able
4. at / my office / we / meet / can / ?
5. question / my / you / can / answer / ?
6. to play / am not / I / tennis / able
7. a car / drive / can / your friend / ?
8. able / to come / friends / aren't / my
9. I / help / you / can / ?
10. can't / you / mobile phone / your / use

**Task 7. Complete the sentences using "must", "mustn't" or "may" and a verb from the box:**

turn x2; ride x2; drive; park; drive into; cross





1. Cars ... .. here.
2. You ... .. the road.
3. You ... .. your car.
4. You ... .. a bike.
5. Cars ... .. more than 50 km per hour.
6. You ... .. right.
7. You ... .. right.
8. You ... .. a bike.

### Lesson 3. The Russian Federation. Part 1. Russia

Task 1. Match two columns to make phrases. Translate the phrases. Consult the text on page 20:

1. to share	a. of environments
2. total	b. language
3. a wide range	c. form of rule
4. a democratic	d. resources
5. the official	e. forest reserves
6. mineral and energy	f. borders
7. world's largest	g. most populous nation
8. world's eighth	h. area

Task 2. Match the words with their definitions:

1. border	a. the surroundings or conditions in which a person, animal, or plant lives or operates
2. country	b. a large area of water surrounded by land
3. language	c. a line separating two countries, administrative divisions, or other areas
4. environment	d. the method of human communication, either spoken or written, consisting of the use of words in a structured and conventional way
5. lake	e. a state in which supreme power is held by the people and their elected representatives, and which has an elected or nominated president rather than a monarch
6. producer	f. a nation with its own government, occupying a particular territory
7. republic	g. a person, company, or country that makes, grows, or supplies goods or commodities for sale

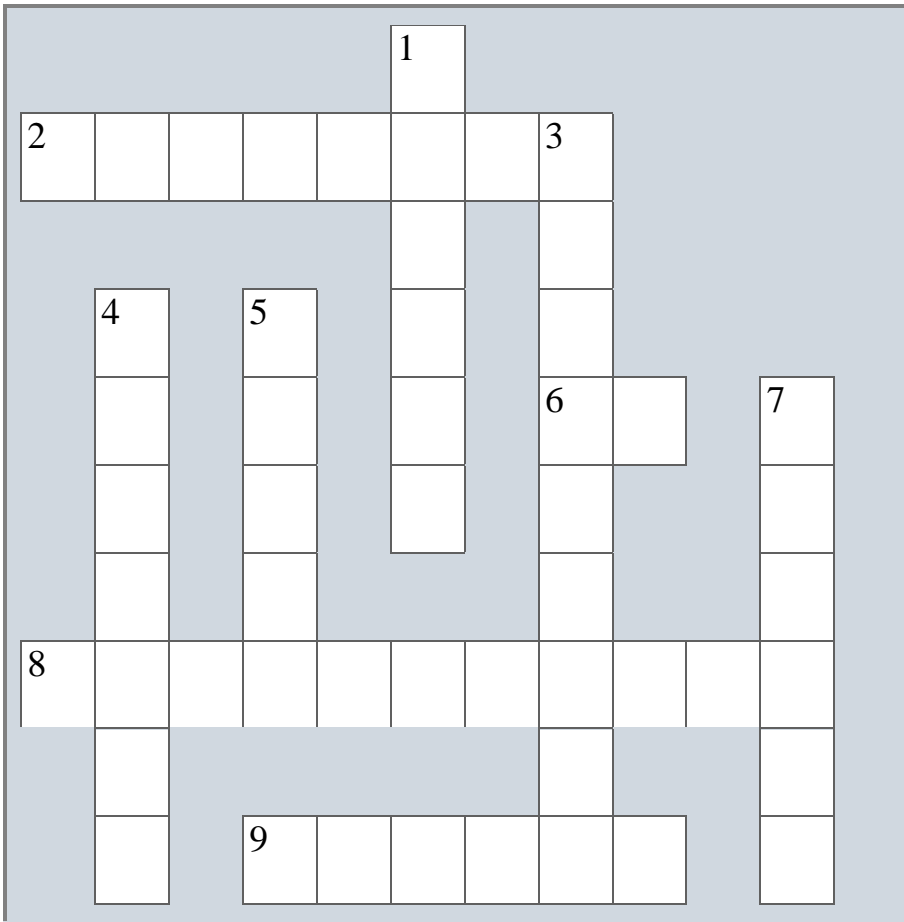
Task 3. Complete the crossword about Russia:

Across

2. the smallest town in Russia
6. The longest river
8. the coldest town
9. the deepest lake

Down

1. the highest mountain
3. the highest mountain of Ural
4. the southernmost city in Russia
5. the northernmost town in Russia
7. the capital



**Task 4. Put the verb in brackets into the Present Continuous form:**

1. It (to rain) now.
2. The baby (not to cry). He (to sleep)
3. We (to go) on holiday.
4. You (to go) to university by bus.
5. They (not to drive) fast.
6. The dog (to drink) water.
7. We (to have) lunch at the moment.

**Task 5. Write the questions using the verbs below. Ask and answer the questions with the partner:**

*Example: Is it raining? - No, it's not.  
Are you wearing jeans? - Yes, I am.*

1. to watch TV
2. to wear a T-shirt
3. your friends / to sit in this room
4. to feel hungry
5. to write with a blue pen
6. to snow
7. to listen to music
8. your mobile phone / to ring

## Lesson 3. The Russian Federation. Part 2. Tomsk

Task 1. Match two columns to make phrases. Translate the phrases. Consult the text on page 24:

1. an administrative	a. of interest
2. to get	b. subjects
3. a place	c. institutions
4. various	d. of museums
5. cultural	e. center
6. a number	f. of the city
7. the symbols	g. access to smth.

Task 2. Translate the following sentences into English:

- Самое лучшее время чтобы посетить Томск – это лето.
- Томск был одним из первых городов России, который получил доступ к Интернет в начале 1990-х.
- В Томске есть ряд музеев, посвященных различным темам: искусству, местной истории, резьбе по дереву.
- Томичи гордятся деревянными домами города.
- Многие из самых красивых зданий – это символы города.
- В городе есть культурные центры, посвященные немецкой, польской и татарской культуре и языку.
- В Томске есть много культурных учреждений, таких как Театр Драмы, Театр юного зрителя, Кукольный театр и другие.

Task 3. Look at the pictures in A and tell your partner what Sam does every weekend. Then look at the pictures in B and tell what he is doing this weekend:

A	B
	

**Task 4. Read Ruslan's letter to his friend in Kazakhstan. Put the verbs in brackets into the Present Simple or Present Continuous form:**

Hi, Temir!

I ... (to have) a great time in Tomsk. It's not so hot like at home, but the sun ... (to shine) today. I met a new friend, Alex. He ... (to live) in Tomsk, so he ... (to tell) me everything about the city. My university is great; there is Wi-Fi everywhere! I ... (to study) from 8.50 to 14.50 p.m. and then I ... (to go) in my hostel. Now I ... (to sit) in my room and ... (to write) you a letter. How are you? What you ... (to do) now?

Say hi to everyone.

Ruslan

## Lesson 4. Communication Part 1. Means of Communication

Task 1. Match two columns to make sentences. Translate the sentences.

Consult the text on page 28:

1. A few centuries ago...	a. ... when the radio and television appeared.
2. There are four main media: ...	b. ... with education.
3. Media are connected ...	c. ... a message in a few seconds.
4. The first expansion of media was ...	d. ... you can see the whole world as if it is in the next village.
5. Nowadays you can send ...	e. .... you can get any information you need.
6. When you turn on the TV or a computer ...	f. ... people knew only a few kinds of communication.
7. When you surf the Internet ...	g. ... Newspapers, TV, Radio and the Internet.

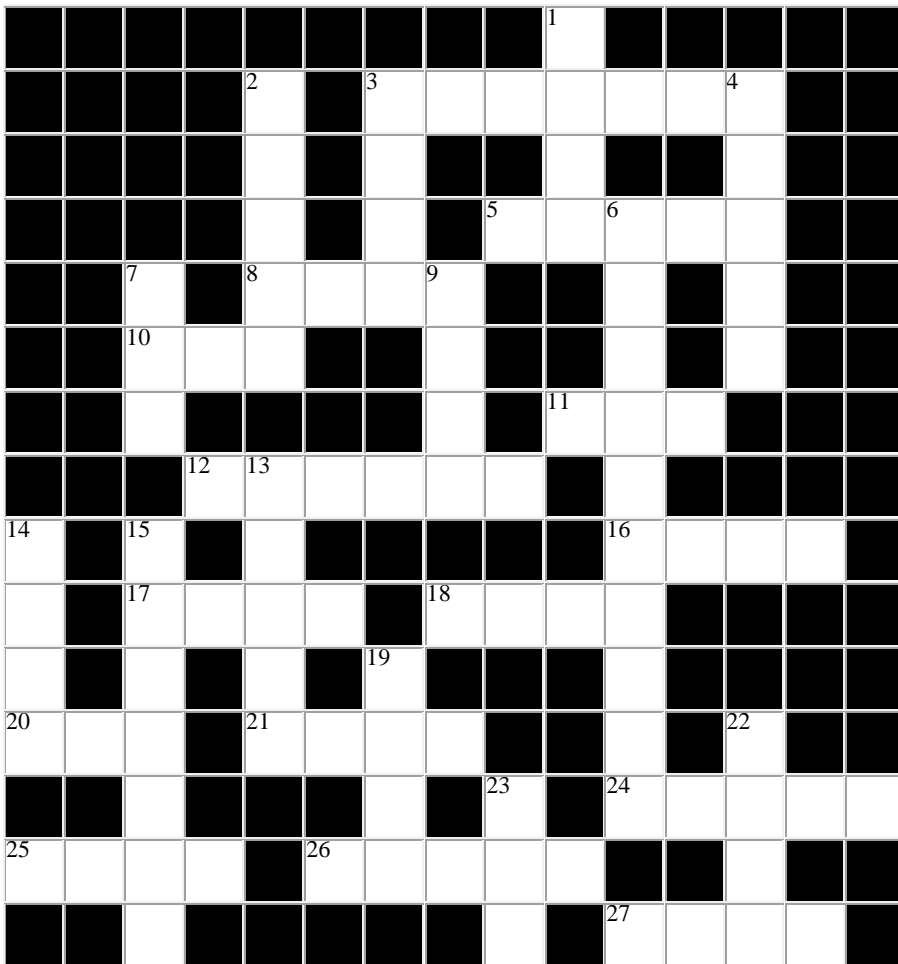
Task 2. Translate the following sentences into English:

- СМИ очень важны для нас, они дают нам большое количество информации.
- Средства связи делают мир гораздо меньше, особенно телевидение и интернет.
- Люди сегодня воспринимают СМИ как что-то обыденное.
- Мы не осознаем, что практически не можем жить без средств связи.
- Если ты владеешь информацией, ты можешь принимать собственные решения.
- В интернете ты можешь узнать о культуре и обычаях других национальностей.
- Ты можешь видеть, что они делают прямо сейчас.

Task 3. Write the Past Simple forms of the verbs and do the crossword puzzle. Use the table on page 55:

Across	Down
3. past of to bring	1. past of to hurt
5. past of to stick	2. past of to choose
8. past of to sing	3. past participle of to be
10. past of to eat	4. past participle of to take
11. past of to feed	6. past of to understand
12. past participle of to shake	7. past of to sit
16. past participle of to sell	9. past participle of to go
17. past participle of to read	13. past of to hear
18. past of to leave	14. past participle of to swim
20. past of to meet	15. past participle of to write
21. past of to draw	19. past of to go
24. past of to drink	22. past of to pay
25. past of to fly	23. past of to win
26. past participle of to stand	
27. past participle of to make	





**Task 4. Put the verb in brackets into the Past Simple form and match the parts of the sentences:**

1. Anna ... (not/ to like) the movie, so	a. I ... (to call) the police.
2. Burglars ... (to steal) my wallet, so	b. they ... (to be) late for school.
3. Children ... (to lose) their hats, so	c. I ... (to return) to the building.
4. I ... (to forget) my bag, so	d. he ... (to take) the medicine.
5. Lisa ... (to need) some money, so	e. she ... (to go) home.
6. My friends ... (to miss) the bus, so	f. she ... (to ask) her friend to help.
7. Peter ... (to feel) sick, so	g. they ... (to look) for them.
8. Sam ... (to be) tired, so	h. he ... (not / to stay) for dinner.

## Lesson 4. Communication. Part 2. Functions of a Modern Cell Phone

### Task 1. Match the words with their definitions:

1. the Internet	a. Global Positioning System, an accurate worldwide navigational and surveying facility based on the reception of signals from an array of orbiting satellites
2. a device	b. a system for transmitting voices over a distance using wire or radio, by converting acoustic vibrations to electrical signals
3. telephone	c. give assistance to
4. GPS	d. a global computer network providing a variety of information and communication facilities, consisting of interconnected networks using standardized communication protocols
5. to support	e. a verbal, written, or recorded communication sent to or left for a recipient who cannot be contacted directly
6. memory	f. a device for recording visual images in the form of photographs, movie film, or video signals
7. camera	g. a thing made or adapted for a particular purpose, especially a piece of mechanical or electronic equipment

### Task 2. Translate the following sentences into English:

1. Подумай о функциях, которые ты ценишь больше всего, прежде чем решить, какой телефон купить.
2. Сотовые телефоны не только совершают звонки, у них есть большое разнообразие полезных инструментов.
3. Большинство сотовых телефонов выпускаются с камерой. Ты можешь делать снимки и загружать их онлайн.
4. Большинство камер имеют разрешение примерно три мегапикселя.
5. Службы GPS навигации указывают (предоставляют) направление, информацию о дорожном движении и даже о ближайших магазинах и кафе.
6. Многие телефоны оборудованы медиа плеером.
7. Некоторые телефоны могут обмениваться файлами, используя беспроводной интернет.

### Task 3. Remember your first day at university. Ask and answer questions with the partner; use the following phrases to help:

*Example: - What time did your first lesson start? - It started at 10.40.*

1. first lesson / to start
2. people / to meet
3. lessons / to have
4. weather
5. building / to go
6. to like
7. teachers / to like

Task 4. **Correct the sentences as in the example:**

*Example: People invented writing 3000 years ago.*

*People didn't invent writing 3000 years ago.*

*People invented writing 6000 years ago.*

1. First alphabet appeared in Ancient Greece.
2. Samuel Morse developed his electrical telegraph in Germany.
3. Alexander Graham Bell invented radio.
4. John Logie Baird demonstrated the first television in the eighteenth century.
5. Russia launched the first artificial Earth satellite in 1960.
6. APRANET started to work in 1965.

## Lesson 5. The Age of Electronics. Part 1. The Evolution of Electronics

Task 1. **Match two columns to make phrases. Translate the phrases:**

1. electromagnetic	a. of light
2. chemical	b. discoveries
3. the speed	c. reaction
4. radiation	d. circuit
5. great	e. field
6. integrated	f. communication
7. wireless	g. through space

Task 2. **Translate the following sentences into English:**

1. Многие ученые усердно работали, чтобы сделать великие открытия.
2. Современные технологии уже довольно развиты и они все еще развиваются.
3. В настоящее время планшеты очень популярны среди студентов.
4. Крошечные транзисторы – важные элементы интегральных схем, которые заставляют современные устройства работать.
5. Батарейки вырабатывают электричество как результат химической реакции.
6. Гильермо Маркони установил первую трансатлантическую систему связи.
7. Генрих Герц успешно продемонстрировал эффект электромагнитного излучения в пространстве.

Task 3. **Rewrite the following sentences into the Passive form:**

1. Grandmother told the children a fairy tale.
2. People make wine from grapes.
3. They opened the new library last year.
4. Willy walks the dog every day.
5. An expert developed a new device.
6. A company delivers new equipment every month.
7. A designer made a project of a program.
8. My mother gave me an MP3 player for my birthday.
9. The scientist published an interesting article.
10. They invited us to a conference last Sunday.

Task 4. **Draw a picture for the following sentences:**

1. The chicken was eaten by the boy.
2. The chicken ate the boy.
3. The bird sang a song.
4. The tiger was chased by the caveman.
5. The caveman was chased by the tiger.
6. The patient had an X-ray.
7. An X-ray was made by the doctor.
8. The cat ran to eat.
9. The vet was given a shot.
10. The dog was given a shot by the vet.



5. Homework ... by the students yesterday.
  - a. wasn't done
  - b. wasn't did
  - c. isn't done
6. Chicken soup ... on Sundays.
  - a. are cooked
  - b. is cook
  - c. is cooked
7. ... the phone ... by you when I called?
  - a. Was ... answered
  - b. Is ... answered
  - c. Does ... answered
8. Cartoons ... by the kids every evening.
  - a. is watched
  - b. is watch
  - c. are watched
9. Baseball ... in my school.
  - a. aren't practiced
  - b. isn't practice
  - c. isn't practiced
10. More and more trees ... down every year.
  - a. are cut
  - b. are cutted
  - c. were cut

**Task 4. Match two columns to complete the table about transistors. (Consult the text on pages 44 – 45:**

1. Transistors are ...	a. ... that control the movement of electrons, and consequently, electricity.
2. Before transistors ...	b. ... between two binary states – 0 and 1.
3. Transistors are devices ...	c. ... building blocks of the digital revolution.
4. Transistors start and stop ...	d. ... make huge numbers of calculations in a short time.
5. Silicon transistors helped computers ...	e. ... what's called an integrated circuit.
6. In a computer chip, transistors switch...	f. ... the flow of current.
7. Transistors are part of...	g. ... engineers used vacuum tubes.

**Task 5. In pairs: look at Alex's to do list.**

Student A: You are Alex.

Student B: You are Alex's mother.

Ask and answer questions about the things he did yesterday; use Past Simple Passive:

*Example: Were the dishes washed? - No, they weren't. \*

- ✗ wash the dishes
- ✓ water the plants
- ✗ do the homework
- ✗ take out the rubbish
- ✗ clean the room
- ✓ repair the camera
- ✓ do the shopping