

МІНІСТЕРСТВО ОСВІТИ І НАУКИ УКРАЇНИ  
ДЕРЖАВНИЙ ЗАКЛАД «ПІВДЕННОУКРАЇНСЬКИЙ НАЦІОНАЛЬНИЙ  
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**Мулик К.О.**

**«Наукова комунікація іноземною мовою»**

методичні рекомендації  
для здобувачів другого (магістерського) рівня вищої освіти  
спеціальності 052 Політологія.

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Мулик К.О.

«Наукова комунікація іноземною мовою». Методичні рекомендації для здобувачів другого (магістерського) рівня вищої освіти спеціальності 052 Політологія. Одеса. 2024. 90 с.

Методичні рекомендації містять необхідну інформацію щодо мети та змісту практичних занять, методичного забезпечення основних форм контролю, результативності виконання практичних завдань, завдання для самостійної роботи здобувачів. Посібник презентує добірку текстів і вправ для розвитку навичок писемного і усного спілкування відповідно до стандартів сучасного англомовного наукового дискурсу, виокремлює лінгвостилістичні особливості англомовних наукових текстів, визначає вимоги й основні правила написання наукової продукції.

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## **Вступ**

Методичні рекомендації відповідають робочій програмі «Наукова комунікація іноземною мовою» і є складовою навчально-методичного комплексу відповідної дисципліни. Матеріал призначено для здобувачів другого (магістерського) рівня вищої освіти, викладачів, наукових співробітників, а також для всіх, хто бажає удосконалити знання з організації наукової комунікації англійською мовою.

Курс складається з юнітів, що включають спеціальні тексти, вправи, завдання для самостійної роботи спрямовані на формування навичок наукової комунікації англійською мовою.

Практичне оволодіння іноземною мовою в рамках курсу передбачає наявність умінь у різних видах іншомовної комунікації: - визначення особливості наукового та офіційного стилів мовлення; - вільне читання оригінальну літературу іноземною мовою у відповідній галузі знань; - оформлення наукової інформації з іноземних джерел у вигляді перекладу чи резюме; - повідомлення, доповіді іноземною мовою, пов'язані з науковою роботою та вести бесіду за спеціальністю; - оформлення наукової усної та писемної доповідь. Після опрацювання матеріалу здобувачі повинні знати основні вимоги щодо реферування наукових джерел, написання анотацій, тез, статей, оформлення наукового дослідження (магістерської роботи).

Матеріали методичних рекомендацій формують знання про сутність та структуру наукових досліджень і можуть бути використані як під час аудиторних занять так і для самостійної роботи здобувачів освіти другого (магістерського) рівня вищої освіти.

## **Unit 1. A brief history of science**

### **1. Read the text and make notes on the main stages of science development.**

Humankind has always been inquisitive, needing to understand why things behave in a certain way, and trying to link observation with prediction. For example, since prehistoric times we have observed the heavens and tried to make sense of the seasonal changes in the position of the sun, moon and stars.

In about 4000 BC, the Mesopotamians tried to explain their observations by suggesting that the Earth was at the centre of the Universe, and that the other heavenly bodies moved around it. Humans have always been interested in the nature and origins of this Universe.

#### **Metallurgy**

But they weren't only interested in astronomy. The extraction of iron, which led to the Iron Age, is a chemical process which early metallurgists developed without understanding any of the science involved. Nevertheless, they were still eager to optimise the extraction by trial and error.

Before this, copper and tin were extracted (which led to the Bronze Age) and later, zinc. Exactly how each of these processes was discovered is lost in the mists of time, but it is likely that they were developed using observation and experiment in a similar way to that used by today's scientists.

#### **Medicine**

Early humankind also observed that certain plants could be used to treat sickness and disease, and herbal medicines were developed, some of which are still used by modern pharmaceutical companies to provide leads for new synthetic drugs.

#### **The Greeks**

The first people to try and develop the theory behind their observations were the Greeks: people such as Pythagoras, who concentrated on a mathematical view of the world. Similarly, Aristotle and Plato developed logical methods for examining the world around them.

It was the Greeks who first suggested that matter was made up of atoms - fundamental particles that could not be broken down further. But it wasn't only the Greeks who moved science on. Science was also being developed in India, China, the Middle East and South America. Despite having their own cultural view of the world, they each independently developed materials such as gunpowder, soap and paper.

However, it wasn't until the 13th century that much of this scientific work was brought together in European universities, and that it started to look more like science as we know it today.

Progress was relatively slow at first. For example, it took until the 16th century for Copernicus to revolutionize (literally) the way that we look at the Universe, and for Harvey to put forward his ideas on how blood circulated round the human body. This slow progress was sometimes the result of religious dogma, but it was also a product of troubled times!

#### The birth of modern science

It was in the 17th century that modern science was really born, and the world began to be examined more closely, using instruments such as the telescope, microscope, clock and barometer. It was also at this time that scientific laws started to be put forward for such phenomena as gravity and the way that the volume, pressure and temperature of a gas are related.

In the 18th century much of basic biology and chemistry was developed as part of the Age of Enlightenment.

The 19th century saw some of the great names of science: people like the chemist John Dalton, who developed the atomic theory of matter, Michael Faraday and James Maxwell who both put forward theories concerning electricity and magnetism, and Charles Darwin, who proposed the controversial theory of evolution. Each of these developments forced scientists radically to re-examine their views of the way in which the world worked.

## **II. Answer the question:**

1. What is the role of science in modern society?
2. What is science? What is the purpose of science?

3. Is science a good or a bad thing?
4. How has science changed society? What new inventions could you not live without?

**III.** For each word below, read the sentence it occurs in the text above and answer the questions:

*observation universe extraction suggest inquisitive*

1. Is the word positive, negative or neutral?
2. Is it a noun, adjective, adverb or verb?
3. Can you think of a word with a similar meaning (synonym) and one with an opposite meaning (antonym)?

#### **IV. Reading Comprehension**

Read the text again and answer the questions.

1. Which ways of studying the world in prehistoric times does the text describe?
2. Who suggested that the Earth was the centre of the Universe?
3. Which factor led to the Iron Age?
4. How did the people cope with the task of extracting iron?
5. Extracting of which metals led to the Bronze Age?
6. What early knowledge of humankind does contemporary medicine imply?
7. What did the Greeks concentrate on?
8. When did science start to shape as it is today?
9. What kinds of inventions did China, the Middle East and America give to the world?
10. When was modern science born?
11. What was developed as part of the Age of Enlightenment in the 18th century.
12. What great scientists of the 19th century are mentioned in the text. What contribution to science did each of them make?

**V.** Complete the sentences

1. Humankind has always been ... .
2. Since prehistoric times people observed ....

3. The Mesopotamians tried to ... .
4. We do not know much about the process of discovery of ..., but ... .
5. Some of herbal medicines developed by early humans are ... .
6. The Greeks tried to develop ... .
7. They also suggested that ... .
8. However, it was not until the 13<sup>th</sup> century ... .
9. In the 16<sup>th</sup> century Copernicus revolutionised ... .
10. The slow process was the result of ... .
11. In the 17<sup>th</sup> century the world began to be examined more closely, using  
... .
12. In the 18<sup>th</sup> century much of ....
13. The 19<sup>th</sup> century saw some of the great ... .
14. Each of these developments forced scientists to ... .

## **Unit 2. English is a language of science.**

Practically every major science journal you have ever heard of is in English. This isn't exactly a coincidence, however. Since science is such a broad and collaborative field, it seemed necessary at some point in the past to decide upon a sort of scientific lingua franca and stick with that. As with many other fields, English was chosen and remains the bridge language of science.

There are some obvious advantages of having English as the language of science. First of all, it is already widely spoken and learned as a second language around the world. It is used in business, medicine, and many other fields already, so why not science too? Having just one language as the “official” scientific language also expedites the process of communication between scientists, who all have crucial new information and research to share with the rest of the world. On the surface, it seems very inclusive as well; as long as you are a scientist and have a certain level of English, you can participate internationally in science.

The disadvantages of having a “primary” language for scientific communication are not entirely obvious at first, but once you start to analyze and think about how it



probably affects scientists who don't speak English as their first language, you begin to see where problems might arise. To start, we all express ourselves differently in different languages, even if we aren't aware of it. If you know a second language and take a moment to try and write out anything complex or technical in that language, you will see just how difficult it can be. This means scientists from different linguistic backgrounds have to spend extra time and energy when they are writing up their research papers in English.

Not only does it take more energy and time to write in a language that isn't your native language, it also might not end up conveying exactly what you meant to convey. There is more to language than just putting words together to form cohesive sentences and phrases; there is also the cultural and contextual aspect that all language feeds off of and floats around in, which means we tend to favor things written in our native language as we can immediately connect with the culture and context. When you add complicated scientific terminology into the mix, you end up with scientific writing that doesn't express itself as authentically as it would if it were written in the scientist's native language.

To expect everyone in the scientific community all over the world to be proficient in English as well as be an expert in whatever they are researching is to expect a lot, especially from scientists in countries where getting any kind of decent education at all costs a good chunk of change. By limiting the language of the scientific community to just one, English, we are not giving space for brilliant minds that just happen to not have the right level of English to share with the rest of the world. If we could figure out a way around that, we would advance much more quickly as a society in terms of scientific research and discoveries.

### **I. Answer the questions.**

1. Do you agree that every major science journal you have ever heard of is in English?
2. What are the main advantages of having English as the language of science?

3. Do you think the role of the English language is increasing in Ukraine? Provide some examples of its functioning in different spheres of life in your country.
4. Is English a leading language in your field of study?
5. How often do you use English for information search as compared with Ukrainian?

**II.** In group of 3-4 discuss “What are your ways of learning English?”

**III.** Write a short summary of the text

**IV.** Write an essay “The role of English in my research work”.

**V. Find synonyms to the words given**

apply: a) administer; b) determine; c) bring into use; d) employ

valuable: a) costly; b) precious; c) bright; d) irreplaceable

implement: a) bring about; b) carry; c) accomplish; d) achieve

relevant: a) loyal; b) connected; c) applicable; d) essential

### **Unit 3. What is Linguistics?**

*Linguistics* is the scientific study of language. *Linguists* (experts in linguistics) work on specific languages, but their primary goal is to understand the nature of language in general by asking questions such as:

- What distinguishes human language from other animal communication systems?
- What features are common to all human languages?
- How are the modes of linguistic communication (speech, writing, sign language) related to each other?
- How is language related to other types of human behavior?

The main goal of linguistics, like all other intellectual disciplines, is to increase our knowledge and understanding of the world. Since language is universal and fundamental to all human interactions, the knowledge attained in linguistics has many practical applications. Linguists, with some training in other appropriate disciplines, are thus prepared to seek answers to questions such as:

- How can a previously unstudied language be analyzed and written?
- How can foreign languages best be taught and learned?
- How can speech be synthesized on a computer or how can a computer be programmed to understand human speech?
- How can the language problems of people with speech abnormalities be analyzed and rectified?
- How are linguistic issues in legal matters to be handled?

### *The Sub-Fields of Linguistics*

Language is a phenomenon with many layers, from the sounds that speakers produce to the meanings that those sounds express. The field of Linguistics is comprised of several sub-fields. Most professional linguists become specialists in one or more of these sub-fields. The major ones are:

#### **Phonetics**

The study of speech sounds. Phoneticians study both the production of speech sounds by the human speech organs (articulatory phonetics) and the properties of the sounds themselves (acoustic phonetics). Phoneticians are concerned with such questions as:

- What are the sounds, from among all those that humans could make, that actually exist in the world's languages?
- What specially defines different "accents"?
- Can speakers be identified by "voiceprints"?
- What are the properties of sounds that would apply in computerized speech synthesis?

#### **Phonology**

The study of language sound systems. Phonologists are concerned with questions such as:

- What sounds contrast in one language but not another (answers to such questions explain why Spanish speakers have trouble with the difference between English sh and ch, or why English speakers have trouble with the different "u" sounds in French words like rue 'street' and roue 'wheel'.)?

- What sounds of a language can or cannot occur one after the other (for example, why can words begin in st– in English but not in Spanish)?

- How do poets or writers or song lyrics intuitively know how to match the rhythm of speech to the abstract rhythmic pattern of a poetic or musical meter?

### **Morphology**

The study of word structure. Morphologists examine such questions as:

- To what extent are ways of forming words “productive” or not (e.g. why do English speakers say arrival and amusement but not \*arrivement and \*amusal)?

- What determines when words change form (for example, why does English have to add –er to adjectives when making comparisons, but Hebrew does not add any equivalent)?

- How can humans program computers to recognize the “root” of a word separated from its “affixes” (e.g. how could a computer recognize walk, walks, walking, and walked as the “same” word)?

### **Syntax**

The study of how linguistic units larger than the word are constructed. Syntacticians address such questions as:

- How can the number of sentences that speakers can create be infinite in number even though the number of words in any language is finite?

- What makes a sentence like visiting relatives can be boring ambiguous?

- Why would English speakers judge a sentence like colorless green ideas sleep furiously to be “grammatical” even though it is nonsensical?

- How can languages express the same thoughts even though they construct their sentences in different ways (e.g. Why does English I saw them there mean the same thing as French je les y ai vus even though the order of elements in French is I them there have seen)?

- How can humans program a computer to analyze the structure of sentences?

### **Semantics**

The study of meaning. Semanticists answer such questions as:

- How do speakers know what words mean (e.g. How does one know where red stops and orange starts)?
- What is the basis of metaphors (e.g. Why is my car is a lemon a “good” metaphor but my car is a cabbage is not)?
- What makes sentences like I’m looking for a tall student or the student I am looking for must be tall have more than one meaning?
- In a sentence like I regret that he lied, how do we know that, in fact, he did lie?
- How many meanings can be found in a sentence like three students read three books and why do just those meanings exist?

*In addition to these sub-fields, there are a number of other sub-fields that cross-cut them:*

### **Historical linguistics**

The study of how languages change over time, addressing such questions as why modern English is different from Old English and Middle English or what it means to say that English and German are “more closely related” to each other than English and French.

### **Sociolinguistics**

The study of how language is used in society, addressing such questions as what makes some dialects more “prestigious” than others, where slang comes from and why it arises, or what happens when two languages come together in “bilingual” communities.

### **Psycholinguistics**

The study of how language is processed in the mind, addressing such questions as how we can hear a string of language noises and make sense of them, how children can learn to speak and understand the language of their environment as quickly and effortlessly as they do, or how people with pathological language problems differ from people who have “normal” language.

### **Neurolinguistics**

The study of the actual encoding of language in the brain, addressing such questions as what parts of the brain different aspects of language are stored in, how

language is actually stored, what goes on physically in the brain when language is processed, or how the brain compensates when certain areas are damaged.

### **Computational linguistics**

Learning and understanding a language involves computing the properties of that language that are described in its phonology, syntax, and semantics. The challenge of describing this process connects linguistics with computational issues at a very fundamental level. How could syntactic structures be computed from spoken language, how are semantic relations recognized, and how could these computational skills be acquired?

## **Unit 4. Methods of stylistic research.**

Methodology defines the approach of science to the object of investigation and specifies its general orientation in a research.

The most traditional method of stylistics is the method of semantico-stylistic analysis (stylistic analysis). This method aims at defining the correlation between language means employed for expressive conveyance of intellectual, emotional or aesthetic content of speech (or text) and the content of information.

The comparative method is considered to be the nucleus of the stylistic analysis method. To make the speech more effective speakers constantly select definite language means from a set of synonymous units. These language means have the best stylistic effect only in comparison with other language means which are either less expressive or neutral in the given context.

The method of stylistic experiment lies in substitution of the writer's words, utterances or constructions for new ones - 13 - with the stylistic aim. With the help of this method it is possible to characterize the stylistic properties of the writer's text and approve of the substituted units stylistic possibilities. This method was extensively used by such scholars as L. Shcherba, O. Peshkovskiy, L. Bulahovskiy.

The quantitative method consists in defining the quantitative properties of a language phenomenon. Using the quantitative data and specific calculations the statistic method aims at distinguishing peculiarities and regularities of language units functioning that can differentiate individual or functional styles. It establishes the statistic parameters of the analyzed text or texts. These parameters provide reliable and objective data for stylistic analysis.

### **What are the levels of linguistic analysis and which of them are relevant for stylistic analysis?**

Stylistics is not equal to linguistics science, such as phonetics, linguistics disciplines – lexicology, morphology, syntax because they are level disciplines as they treat only one linguistic level and stylistics investigates the questions on all the levels and different aspects of the texts in general. The smallest unit of language is the phoneme. Several phonemes combined make a unit of a higher level – morpheme (morphemic level). One or more morphemes makes a word, a lexeme (lexical level). One or more than one words make an utterance, a sentence (sentence level). Words combinations are treated either on the lexical or syntactical level. Stylistics must be subdivided into separate, independent branches – stylistic phonetics, Stylistic morphology, Stylistic lexicology, Stylistic syntax. Whatever level we take, stylistics is describes not what is in common use, but what is specific in this or that respect, what differentiates one sublanguage from others. General (non-stylistic) phonetics investigates the whole articulatory - audial system of language. Stylistic phonetics describes variants of pronunciation occurring in different types of speech. Special attention is also paid to prosodic features of prose and poetry. General (non-stylistic) morphology treats morphemes and grammatical meanings expressed by them in language in general, without regard to their stylistic value. Stylistic morphology is interested in grammatical forms and grammatical meanings that are peculiar to particular sublanguages, explicitly or implicitly comparing them with the neutral ones common to all the sublanguages. Lexicology deals with stylistic classification (differentiation) of the vocabulary that form a part of stylistics (stylistics lexicology).

In stylistic lexicology each units are studied separately, instead of as a whole text (group of words, word classification). General syntax treats word combinations and sentences, analyzing their structures and stating what is permissible and what is inadmissible in constructing correct utterances in the given language. Stylistic syntax shows what particular constructions are met with in various types of speech, what syntactical structures are style forming (specific) in the sublanguages in question. Semantic level – connected with meaning.

## **Writing a summary of an article**

The purpose of a summary is to give the reader a clear, objective picture of the original text. Most importantly, the summary restates only the main points of a text or a lecture without giving examples or details, such as dates, numbers or statistics.

### **Guidelines for writing a summary of an article:**

- State the main ideas of the article.
- Identify the most important details that support the main ideas.
- Write your summary in your own words; avoid copying phrases and sentences from the article unless they're direct quotations.
- Express the underlying meaning of the article, not just the superficial details.
- Your summary should be about one third of the length of the original article.

### **Your summary should include:**

#### **Introduction**

- Start with a summary or overview of the article which includes the author's name and the title of the article.
- Finish with a thesis statement that states the main idea of the article.

#### **Body Paragraphs**

- The number of paragraphs in your summary depends on the length of the original article.
- Your summary should be about one third the length of the original article. For a **one-paragraph summary**, discuss each supporting point in a separate sentence.



Give 1-2 explanations for each supporting point. For a **multi-paragraph summary**, discuss each supporting point in a separate paragraph.

- Start each body paragraph with a topic sentence.
- Each paragraph focuses on a separate main idea and just the most important details from the article.
- Put the ideas from the essay into your own words. Avoid copying phrases and sentences from the article.
- Use transitional words and phrases to connect ideas.

### **Concluding Paragraph**

- Summarize the main idea and the underlying meaning of the article.

## **Unit 5. Guidelines for using in-text citations in a summary (or research paper).**

The purpose of a summary is to give the reader, in a about 1/3 of the original length of an article/lecture, a clear, objective picture of the original lecture or text. Most importantly, the summary restates only the main points of a text or a lecture without giving examples or details, such as dates, numbers or statistics.

Skills practiced: note-taking, paraphrasing (using your own words and sentence structure), condensing.

Before writing a summary

1. For text, read, mark, and annotate the original. (For a lecture, work with the notes you took.)

- highlight the topic sentence
- highlight key points/key words/phrases
- highlight the concluding sentence
- outline each paragraph in the margin

2. Take notes on the following:

- the source (author--first/last name, title, date of publication, volume number, place of publication, publisher, URL, etc.)
- the main idea of the original (paraphrased)

- the major supporting points (in outline form)
- major supporting explanations (e.g. reasons/causes or effects)

Writing a summary -steps.

1. Organize your notes into an outline which includes main ideas and supporting points but no examples or details (dates, numbers, statistics).

2. Write an introductory paragraph that begins with a frame including an in-text citation of the source and the author as well as a reported speech to introduce the main idea. The reporting verb is generally in present tense.

1. At the end of your summary, double-space and write a reference for the in-text citation (see #8 below), following APA guidelines.

1. Article:

In the article, \_\_\_\_ (author's last name) (year) argues (claims/reports/contends/maintains/states) that \_\_\_\_\_ (main idea/argument).

**Example:** In his article, Serwer (1997) describes how Michael Dell founded Dell Computers and claims that Dell's low-cost, direct-sales strategy and high quality standards accounted for Dell's enormous success.

2. Book:

In his book *The Pearl*, John Steinbeck (1945) illustrates the fight between good and evil in humankind.

3. Interview:

In an interview \_\_\_\_\_ (first name last name) stated that \_\_\_\_\_ (main idea/argument;) (personal communication, month day, year).

## Reporting Verbs:

STRONG ARGUMENT	NEUTRAL	INDICATING RESEARCH RESULTS	COUNTERARGUMENT	SUGGESTION	CRITICISM
argue	state	show	refute the claim	suggest	criticize
assert	note	demonstrate	argue against	recommend	
claim	report	illustrate			
contend	explain	indicate			
maintain	discuss	point out			
insist	illustrate	(studies/authors) prove			
posit	observe	(studies/authors) found			

### Other examples of frames:

1. According to \_\_ (author's last name) (year), \_\_\_\_\_ (main idea; S + V + C).

2. \_\_\_\_\_ (author's last name) (year) argues that \_\_\_\_\_ (main idea; S + V + C).

3. If no author is given, use the title of the article:  
According to " \_\_\_\_\_ " (Title of the Article) (year), \_\_\_\_\_ (main idea; S+V+C).

4. \_\_\_\_\_ (topic/NP) has had a major impact on the \_\_\_\_\_ (NP) of \_\_\_\_\_ (main idea; NP) (author's last name, year).

5. \_\_\_\_\_'s (author's last name) article on \_\_\_\_\_ (topic/NP) (year) discusses the \_\_\_\_\_ (main idea; Noun Phrase) of \_\_\_\_\_ (NP).

3. The main idea or argument needs to be included in this first sentence. Then mention the major aspects/factors/reasons that are discussed in the article/lecture. Give a full reference for this citation at the end of the summary (see #6. below).

a. For a one-paragraph summary, discuss each supporting point in a separate sentence. Give 1-2 explanations for each supporting point, summarizing the information from the original.

b. For a multi-paragraph summary, discuss each supporting point in a separate paragraph. Introduce it in the first sentence (topic sentence).

Example: The first major area in which women have become a powerful force is politics.

4.Support your topic sentence with the necessary reasons or arguments raised by the author/lecturer but omit all references to details, such as dates or statistics.

5.Use discourse markers that reflect the organization and controlling idea of the original, for example cause-effect, comparison-contrast, classification, process, chronological order, persuasive argument, etc.

6.In a longer summary, remind your reader that you are paraphrasing by using "reminder phrases," such as

- The author goes on to say that ...
- The article (author) further states that ...
- (Author's last name) also states/maintains/argues that ...
- (Author's last name) also believes that ...
- (Author's last name) concludes that

6.Restate the article's/lecturer's conclusion in one sentence.

## **Unit 6. Citation of Sources (APA Style)**

### **Using in-text citation.**

Include an in-text citation when you refer to, summarize, paraphrase, or quote from another source. For every in-text citation in your paper, there must be a corresponding entry in your reference list.

APA in-text citation style uses the author's last name and the year of publication, for example: (Field, 2005). For direct quotations, include the page number as well, for example: (Field, 2005, p. 14). For sources such as websites and e-books that have no page numbers, use a paragraph number. More information on citing sources without pagination is given on the [APA Style web page](#).

### **Example paragraph with in-text citation**

A few researchers in the linguistics field have developed training programs designed to improve native speakers' ability to understand accented speech (Derwing,

Rossiter, & Munro, 2002; Krech Thomas, 2004). Their training techniques are based on the research described above indicating that comprehension improves with exposure to non-native speech. Derwing et al. (2002) conducted their training with students preparing to be social workers, but note that other professionals who work with non-native speakers could benefit from a similar program.

### **References**

Derwing, T. M., Rossiter, M. J., & Munro, M. J. (2002). Teaching native speakers to listen to foreign-accented speech. *Journal of Multilingual and Multicultural Development*, 23(4), 245-259.

Krech Thomas, H. (2004). *Training strategies for improving listeners' comprehension of foreign-accented speech* (Doctoral dissertation). University of Colorado, Boulder.

In-text references should immediately follow the title, word, or phrase to which they are directly relevant, rather than appearing at the end of long clauses or sentences. In-text references should always precede punctuation marks. Below are examples of using in-text citation.

#### **Author's name in parentheses:**

One study found that the most important element in comprehending non-native speech is familiarity with the topic (Gass & Varonis, 1984).

#### **Author's name part of narrative:**

Gass and Varonis (1984) found that the most important element in comprehending non-native speech is familiarity with the topic.

#### **Group as author:**

*First citation:* (American Psychological Association [APA], 2015)  
*Subsequent citation:* (APA, 2015)

#### **Multiple works:** (separate each work with semi-colons)

Research shows that listening to a particular accent improves comprehension of accented speech in general (Gass & Varonis, 1984; Krech Thomas, 2004).

#### **Direct quote:** (include page number)

One study found that “the listener's familiarity with the topic of discourse greatly facilitates the interpretation of the entire message” (Gass & Varonis, 1984, p. 85).

Gass and Varonis (1984) found that “the listener’s familiarity with the topic of discourse greatly facilitates the interpretation of the entire message” (p. 85).

**Note:** For **direct quotations of more than 40 words**, display the quote as an indented block of text without quotation marks and include the authors’ names, year, and page number in parentheses at the end of the quote. For example:

This suggests that familiarity with nonnative speech in general, although it is clearly not as important a variable as topic familiarity, may indeed have some effect. That is, prior experience with nonnative speech, such as that gained by listening to the reading, facilitates comprehension. (Gass & Varonis, 1984, p. 77)

Cite web pages in text as you would any other source, using the author and date if known. If the author is not known, use the title and the date as the in-text citation (for long titles just use the first few words). Your in-text citation should lead your reader to the corresponding entry in the reference list. For sources with no date use n.d. (for no date) in place of the year: (Smith, n.d.). Below are examples of using in-text citation with web pages.

**In-text citation:**

Role-play can help children learn techniques for coping with bullying (Kraiser, 2011).

**In-text citation:**

The term Nittany Lion was coined by Penn State football player Joe Mason in 1904 (All things Nittany, 2006).

**Reference entry:**

**In-text citation:**

Establishing regular routines, such as exercise, can help survivors of disasters recover from trauma (American Psychological Association [APA], n.d.).

**Reference entry:**

American Psychological Association. (n.d.). Recovering emotionally from disaster. Retrieved from <http://www.apa.org/helpcenter/recovering-disasters.aspx>

APA style has specific rules for citing works by multiple authors. Use the following guidelines to determine how to correctly cite works by multiple authors in text.

**Note:** When using multiple authors' names as part of your narrative, rather than in parentheses, always spell out the word **and**. For multiple authors' names within a parenthetical citation, use **&**.

See chart on page 177 of the manual for useful information on authors.

**One author:** (Field, 2005)

**Two authors:** (Gass & Varonis, 1984)

**Three to five authors:**

First citation: (Tremblay, Richer, Lachance, & Cote, 2010)

Subsequent citations: (Tremblay et al., 2010)

**Six or more authors:** (Norris-Shortle et al., 2006).

## **Unit 7. Plagiarism: What It is and How to Recognize and Avoid It**

What is Plagiarism and Why is it Important? In college courses, we are continually engaged with other people's ideas: we read them in texts, hear them in lecture, discuss them in class, and incorporate them into our own writing. As a result, it is very important that we give credit where it is due. Plagiarism is using others' ideas and words without clearly acknowledging the source of that information. How Can Students Avoid Plagiarism? To avoid plagiarism, you must give credit whenever you use • another person's idea, opinion, or theory; • any facts, statistics, graphs, drawings—any pieces of information—that are not common knowledge; • quotations of another person's actual spoken or written words; or • paraphrase of another person's spoken or written words. These guidelines are taken from the Student Code of Rights, Responsibilities, and Conduct.

How to Recognize Unacceptable and Acceptable Paraphrases Here's the ORIGINAL text, from page 1 of Lizzie Borden: A Case Book of Family and Crime

in the 1890s by Joyce Williams et al.: The rise of industry, the growth of cities, and the expansion of the population were the three great developments of late nineteenth century American history. As new, larger, steam-powered factories became a feature of the American landscape in the East, they transformed farm hands into industrial laborers, and provided jobs for a rising tide of immigrants. With industry came urbanization the growth of large cities (like Fall River, Massachusetts, where the Bordens lived) which became the centers of production as well as of commerce and trade.

Here's an UNACCEPTABLE paraphrase that is plagiarism: The increase of industry, the growth of cities, and the explosion of the population were three large factors of nineteenth century America. As steam-driven companies became more visible in the eastern part of the country, they changed farm hands into factory workers and provided jobs for the large wave of immigrants. With industry came the growth of large cities like Fall River where the Bordens lived which turned into centers of commerce and trade as well as production. What makes this passage plagiarism? The preceding passage is considered plagiarism for two reasons: • the writer has only changed around a few words and phrases, or changed the order of the original's sentences. • the writer has failed to cite a source for any of the ideas or facts. If you do either or both of these things, you are plagiarizing. NOTE: This paragraph is also problematic because it changes the sense of several sentences (for example, "steam-driven companies" in sentence two misses the original's emphasis on factories).

Here's an ACCEPTABLE paraphrase: Fall River, where the Borden family lived, was typical of northeastern industrial cities of the nineteenth century. Steam-powered production had shifted labor from agriculture to manufacturing, and as immigrants arrived in the US, they found work in these new factories. As a result, populations grew, and large urban areas arose. Fall River was one of these manufacturing and commercial centers (Williams 1). Why is this passage acceptable? This is acceptable paraphrasing because the writer: • accurately relays the information in the original uses her own words. • lets her reader know the source of her information.



Here's an example of quotation and paraphrase used together, which is also ACCEPTABLE: Fall River, where the Borden family lived, was typical of northeastern industrial cities of the nineteenth century. As steampowered production shifted labor from agriculture to manufacturing, the demand for workers "transformed farm hands into industrial laborers," and created jobs for immigrants. In turn, growing populations increased the size of urban areas. Fall River was one of these hubs "which became the centers of production as well as of commerce and trade" (Williams 1). Why is this passage acceptable? This is acceptable paraphrasing because the writer: • records the information in the original passage accurately. • gives credit for the ideas in this passage. • indicated which part is taken directly from her source by putting the passage in quotation marks and citing the page number. Note that if the writer had used these phrases or sentences in her own paper without putting quotation marks around them, she would be PLAGIARIZING. Using another person's phrases or sentences without putting quotation marks around them is considered plagiarism EVEN IF THE WRITER CITES IN HER OWN TEXT THE SOURCE OF THE PHRASES OR SENTENCES SHE HAS QUOTED.

## **Unit 8. Scientific writing**

In scientific writing you are generally expected to write in a scientific style, with objectivity, clarity and precision. This can be achieved by using:

- Objectivity
- Clarity
- Formality
- Hedging

Objectivity

Even though it's people who carry out research work and have to write about the results, they're expected to remove themselves from the written account and present what they found in a fair, objective and responsible way.

As a scientific writer it's your job to achieve this in your own writing. You need to keep your own personal feelings out of the write up.

You're expected to analyse your results in the discussion section, but you should do this in a fair and even manner. You may present your own interpretation of the results, but should also highlight any opposing explanations or views.

An impersonal style, as expected in scientific writing, can usually be achieved by the use of the passive voice, by removing the doer of the action from the sentence.

In addition to using the passive voice, avoid ambiguous language; especially metaphors that might not be widely understood.

Use technical terms where appropriate, as these should be well understood by your audience.

### ***Clarity***

Clarity is an important part of scientific style. It can be achieved by using simple language choices in your writing as these help improve the ease with which your readers will be able to understand you.

Try to write in plain, clear and straightforward sentences. Each sentence should not be too long and should not contain too many clauses. If a sentence is too long try to break it into several smaller ones. You can repeat words and use linking words to lead your reader through the smaller sentences and how they relate to each other.

Writing in a concise manner will also help your clarity. Every extra word gives your reader something extra to read and understand. The more words you use the greater the chance that there will be a mistake or that your reader will misunderstand something.

Help your reader to understand you by giving them simple clear text to read.

### ***Formality***

Academic writing, including scientific writing, is formal writing. This means that you should not use words and language constructs that you'd use when speaking to someone, writing an email, or even writing for a website.

You shouldn't use contracted verbs which are a representation of spoken English verbs in a written form.

- The experiments won't be finished in this class. – *incorrect*
- The experiments will not be finished in this class – *correct*

The verb 'will not' has been contracted to 'won't' in the first sentence. This shouldn't be used in scientific writing.

The first person pronoun 'I' should not be used in scientific writing.

Generally when writing in a scientific style you should be using the passive voice, so should not need to regularly refer to yourself. When you do, use 'we', 'the team' or 'the research group', to show that you're speaking for the whole group which was involved in the experiments you're reporting. This is better than using 'I'.

### ***Hedging***

Hedging is about not making blunt, absolute or categorical statements. Hedging leaves room for your readers to disagree with you. This can include avoiding over-generalisations and toning down the amount of positiveness in your writing.

The use of hedging is linked to the impersonal part of writing in a scientific style. It's one of the ways of removing your own views and feelings about the quality of the results you're presenting and leaving it to your reader to decide if your work is important and good.

If you're too direct it might show overconfidence in your own work.

There are several ways to include hedging in your writing.

The first, as for formality, is to avoid the use of 'I' and use 'we' instead. It shows that the author is a member of a group which have all come to the same conclusion. This adds weight to your results when presenting positive statements.

Secondly you can use tentative verb forms and/or modal verbs.

Tentative verbs which you could use are:

- Seems to
- Appears to
- Tends to
- This result supports our initial hypothesis. – *Over positive statement*
- This result **seems** to support our initial hypothesis. – *Hedged statement*

While the modal verbs are:

- Can
- Could

- May
- Might
- Would

- The result proves our method works. – *Direct statement*
- This result **could** prove our method works. – *Hedged statement*

Thirdly you could use adverbs to soften what you say or avoid claiming an absolute truth from your result.

Some of the adverbs you could use are:

- A little
- Rather
- Somewhat
- Almost
- Nearly
- Quite
- Approximately
- About
- This is a disappointing result to report. – *Direct statement*
- This is a **somewhat** disappointing result to report. – *Softened statement*

## Structuring written work

Some assignments have a standard format, such as lab reports or case studies, and these will normally be explained in your course materials. For other assignments, you will have to come up with your own structure.

Your structure might be guided by:

- the assignment question. For example, it may list topics or use wording such as ‘compare and contrast’
- the subject matter itself, which may suggest a structure based on chronology, process or location

- your interpretation of the subject matter. For example, problem/solution, argument/counter-argument or sub-topics in order of importance
- the structure of other texts you've read in your discipline. Look at how the information is organised and sequenced. Make sure you modify the structure to suit your purpose to avoid plagiarism.

## **Essays**

Essays are a very common form of academic writing. Like most of the texts you write at university, all essays have the same basic three-part structure: introduction, main body and conclusion. However, the main body can be structured in many different ways.

To write a good essay:

- know if you're expected to write an analytical, persuasive or critical essay
- clearly structure your main body and paragraphs
- use appropriate referencing
- use academic language.

## **Reports**

Reports generally have the same basic structure as essays, with an introduction, body and conclusion. However, the main body structure can vary widely, as the term 'report' is used for many types of texts and purposes in different disciplines.

Find out as much as possible about what type of report is expected.

## **How to plan your structure**

There are many ways to come up with a structure for your work. If you're not sure how to approach it, try some of the strategies below.

During and after reading your sources, take notes and start thinking about ways to structure the ideas and facts into groups. For example:

- look for similarities, differences, patterns, themes or other ways of grouping and dividing the ideas under headings. This could include advantages, disadvantages, causes, effects, problems, solutions or types of theory
- use coloured highlighters or symbols to tag themes or categories of information in your readings or notes

- cut and paste notes in a document
- physically group your readings or notes into piles.

It's a good idea to brainstorm a few different ways of structuring your assignment once you have a rough idea of the main issues. Do this in outline form before you start writing – it's much easier to re-structure an outline than a half-finished essay. For example:

- draw some tree diagrams, mind-maps or flowcharts showing which ideas, facts and references would be included under each heading
- discard ideas that don't fit into your overall purpose, and facts or references that are not useful for what you want to discuss
- if you have a lot of information, such as for a thesis or dissertation, create some tables to show how each theory or reading relates to each heading (this is often called a 'synthesis grid')
- plan the number of paragraphs you need, the topic heading for each one, and dot points for each piece of information and reference needed
- try a few different possible structures until you find the one that works best.

Eventually, you'll have a plan that is detailed enough for you to start writing. You'll know which ideas go into each section and, ideally, each paragraph. You will also know where to find evidence for those ideas in your notes and the sources of that evidence.

If you're having difficulties with the process of planning the structure of your assignment, consider trying a different strategy for grouping and organising your information.

### **Making the structure clear**

Your writing will be clear and logical to read if it's easy to see the structure and how it fits together. You can achieve this in several ways.

- Use the end of the introduction to show the reader what structure to expect.
- Use headings and sub-headings to clearly mark the sections (if these are acceptable for your discipline and assignment type).

- Use topic sentences at the beginning of each paragraph, to show the reader what the main idea is, and to link back to the introduction and/or headings and sub-headings.

- Show the connections between sentences. The beginning of each sentence should link back to the main idea of the paragraph or a previous sentence.

- Use conjunctions and linking words to show the structure of relationships between ideas. Examples of conjunctions include: however, similarly, in contrast, for this reason, as a result and moreover.

### **Introductions**

Most of the types of texts you write for university need to have an introduction. Its purpose is to clearly tell the reader the topic, purpose and structure of the paper.

As a rough guide, an introduction might be between 10 and 20 percent of the length of the whole paper and has three main parts.

1. The most general information, such as background and/or definitions.
2. The core of the introduction, where you show the overall topic, purpose, your point of view, hypotheses and/or research questions (depending on what kind of paper it is).
3. The most specific information, describing the scope and structure of your paper.

If the main body of your paper follows a predictable template, such as the method, results and discussion stages of a report in the sciences, you generally don't need to include a guide to the structure in your introduction.

You should write your introduction after you know both your overall point of view (if it is a persuasive paper) and the whole structure of your paper. You should then revise the introduction when you have completed the main body.

### **Paragraphs**

Most academic writing is structured into paragraphs. It is helpful to think about each paragraph as a mini essay with a three-part structure:

- topic sentence (also known as introductory sentence)
- body of the paragraph

- concluding sentence (necessary for long paragraphs but otherwise optional).

The topic sentence introduces a general overview of the topic and the purpose of the paragraph. Depending on the length of the paragraph, this may be more than one sentence. The topic sentence answers the question 'what's the paragraph about?'.

The body of the paragraph develops this topic. It may elaborate directly on the topic sentence by giving definitions, classifications, explanations, contrasts, examples and evidence.

The final sentence in many, but not all, paragraphs is the concluding sentence. It does not present new information, but often either summarises or comments on the paragraph content. It can also provide a link, by showing how the paragraph links to the topic sentence of the next paragraph. The concluding sentence often answers the question 'so what?', by explaining how this paragraph relates back to the main topic.

You don't have to write all your paragraphs using this structure. For example, there are paragraphs with no topic sentence, or the topic is mentioned near the end of the paragraph. However, this is a clear and common structure that makes it easy for the reader to follow.

## **Conclusions**

The conclusion is closely related to the introduction and is often described as its 'mirror image'. This means that if the introduction begins with general information and ends with specific information, the conclusion moves in the opposite direction.

The conclusion usually:

- begins by briefly summarising the main scope or structure of the paper
- confirms the topic that was given in the introduction. This may take the form of the aims of the paper, a thesis statement (point of view) or a research question/hypothesis and its answer/outcome.
- ends with a more general statement about how this topic relates to its context. This may take the form of an evaluation of the importance of the topic, implications for future research or a recommendation about theory or practice.



## Unit 9. WHAT IS "SCIENTIFIC LITERATURE".

*Literature* is a term used frequently in academic and library circles that just means "the stuff that's been published on a topic."

There are three basic "levels" of literature, each reflecting a different stage of the ongoing creation, discussion, and reevaluation of research that is the essence of scholarly publishing.

**Primary Literature:** accounts of original research, written by the researchers who performed it. Sometimes also called *empirical research*, since it is concerned with measuring, evaluating, and testing hypotheses. Primary literature **must** provide enough information to allow another researcher (with the right skills) to reproduce the experiment. **Examples:** journal articles, conference proceedings, dissertations, and patents.

**Secondary Literature:** This type of literature refers to the primary sources, in some cases synthesizing information from primary sources to draw new conclusions, or repackaging it in a new form. Generally, secondary literature provides some new information or criticism on the topics discussed. **Examples:** monographs (a fancy word for books), encyclopedias, some textbooks, and annual reviews.

**Tertiary Literature:** Tertiary literature is primarily used as a finding aid for primary and secondary literature, and does not usually provide any new information. **Examples:** directories, indexes, and bibliographies

In terms of locating the latest information on a research area, *the most important type is primary literature*. Secondary and tertiary literature are there to assist you in locating and understanding the primary literature, but it is the first-hand accounts of actual research that let you know what has been done, and what researchers have discovered.

## Unit 10. My Research Work

I. Before you read answer the questions

1. What is your special subject?

2. What field of knowledge are you doing research in?
3. What is the title of your master's thesis?
4. Who is your research adviser?
5. How many scientific papers have you published?

**II.** Read the text and complete the gaps with information on your research work.

I was doing research under the supervision of Professor / Associate Professor \_\_\_\_\_, an authority in the field. I belong to the department of \_\_\_\_\_. The academic staff of our department are engaged in active research in almost all branches of \_\_\_\_\_

The title of my master's thesis is "\_\_\_\_\_". My special subject is \_\_\_\_\_. I combine practical work with scientific research. I am doing research in \_\_\_\_\_. My aim is to \_\_\_\_\_.

This branch of knowledge has been rapidly developing in the last two decades. The obtained results have already found wide application in most varied spheres of the country's \_\_\_\_\_. I am particularly interested in \_\_\_\_\_ which includes \_\_\_\_\_. I have been working at the problem for \_\_\_\_\_ years. I got interested in it when I was an undergraduate student. My work is primarily of practical importance. It is based on the theory of \_\_\_\_\_ developed by \_\_\_\_\_.

I work in close cooperation with my colleagues. There are several research teams at our department. The team I work in is headed by \_\_\_\_\_. He is my scientific adviser. I always consult him when I encounter difficulties in my research. We often discuss the obtained data.

I have not yet completed the experimental part of my thesis, but I am through with theoretical part. So far I have written \_\_\_\_\_ scientific papers, some of which were published when I was a student.

While studying \_\_\_\_\_ I've acquired research skills to analyse, collect, and process information, and generate new ideas and original methods. I take part in various scientific conferences where I make reports on my subject, I willingly

participate in scientific discussions and debates. I am planning to finish writing the thesis by the end of next academic year I hope to obtain Master's degree in \_\_\_\_\_.

**III. For each word below, find the sentence it occurs in the text above and answer the questions:**

*thesis acquire experimental difficulties willingly*

1. Is the word positive, negative or neutral?;
2. Is it a noun, adjective, adverb or verb?;
3. Can you think of a word with a similar meaning (synonym) and one with an opposite meaning (antonym)?

**IV. Find synonyms to the words given**

- do research: a) analyse; b) carry out research; c) conduct research; d) pursue research
- obtain: a) give; b) award; c) get; d) gain
- supervision: a) examining; b) guidance; c) administration; d) surveillance
- scientific paper: a) scientific data; b) scientific report; c) scientific article; d) scientific journal.

**V. Answer the questions:**

- What MS program have you entered?
- What department do you belong to?
- What is your special subject?
- What field of knowledge are you doing research in?
- Have you been working at the problem long?
- What is the title of your master's thesis
- Is your work of practical or theoretical importance?
- Who do you collaborate with?
- When do you consult your scientific adviser?
- Have you completed the experimental part of your dissertation?
- How many scientific papers have you published?
- What research skills have you acquired while studying in the program
- Do you take part in scientific conferences?

- Where and when are you going to obtain the MS degree?

## **Phrases for Summarizing**

The paper/text is entitled ...

is called ...

is named ...

The title of the paper/ text is ...

The paper / text is published in...

The author (s) of the paper is (are)...

The article/ text is written by ...

The present paper/ text deals with...

The paper/ text under discussion (consideration) is concerned with ...

is devoted to ...

The paper/ text considers ...

discusses ...

describes ...

gives a brief account of ...

contains a survey of

presents a picture of ....

provides information on ...

reviews briefly ...

touches upon the issue of...

is about ...

centers round the problem of...

presents some data on ...

contains information on ...

The paper/ text is intended (aims) to describe (explain, characterize) ...

The paper/ text under consideration is mainly focused on ... issues:...

considers (describes) the following main issues: ...

First/ firstly, .... is/are discussed ( described, shown, considered) in the paper/ text.

The paper/ text begins with the discussion of ...

The first part deals with ...

In the first part the problem of ... is considered in detail.

The first part concentrates (focuses) on ...

The introductory part reviews ...

Then/ Secondly ... is/ are analyzed (considered, reviewed).

The author goes on to show that ...

Also/ In addition the problem of ... is considered.

Besides, some comments on ... are given.

Then the author makes an attempt to show that ...

The paper/ text also presents some data on ...

The paper/ text also mentions the fact that ...

The paper/ text also contains ...

Besides, the paper/ text touches upon the problem of ...

The mechanism of ... was/has been investigated using the method / technique of ...

The structure of ... was/has been studied by (the method of) ...

The phenomenon of ... was/has been analyzed (by means of) ....

The process of ... was/has been examined making use of technique of ...

The function of ... was/has been analyzed by ...

Finally, the relationship between ...was/has been established.

the interaction between ... was/has been determined.

the parameters of ... were/have been calculated.

some information concerning ... was/has been obtained.

the properties of ... were/have been evaluated.

It was/has been found that ...

It was/has been shown that ...

It was/has been suggested that ...

It was/has been concluded that ...

Special attention is paid (given, called) to...

... is/ are of special importance ( significance, interest)

It is stressed (underlined, emphasized) that ...

Much attention is focused on ...

... is/are emphasized ( underlined, stressed, pointed out)

Summing up, the author points out that ...

Summing up the discussion, the author emphasizes that ...

Summarizing, the author says that ...

To summarize, the author says that ...

In conclusion, the author emphasizes that ...

## **Speaking practice.**

### **1. Answer the questions.**

1. What does the book begin with? (a short introductory chapter) 2. What does the article begin with? (an introductory part; a few general remarks; a short introduction) 3. What is each subsection preceded by? (a brief theoretical introduction; some introductory notes; an introductory discussion) 4. What does the book introduce to? (the work done in ...; the new data in the field of ...; the up-to-date techniques in ...) 5. What does the book acquaint us with? (recent discoveries in ...; applications of new methods; the work done in the field of; experimental technique).

### **2. Translate:**

1. A list of references.
2. Key references.
3. A complete set of references.
4. To make reference to somebody (or something).
5. A reference book.
6. A work of reference.

### **3. Answer the questions.**

1. Did you (the author) provide your (his) paper with a list of references?
2. Whom did you (the author) make reference to?
3. Is your (the author's) list of references complete (extensive, numerous, adequate, inadequate)?
4. What kind of book do you consult if you need some information?
5. What reference work do you usually consult?
6. Who is the author or editor of this work of reference?
7. What is the headline of the article you are going to tell us about?
8. What is the heading of the last section?
9. Does the title describe the subject?

10. Under what headings does the subject matter appear?
11. What is the title of your paper?

#### **4. Complete the sentences.**

1. The title of the book I am reading is .... 2. The title of my professor's work for Doctor's Degree is .... 3. The title of my friend's thesis is .... 4. The heading of the chapter I am interested in is .... 5. The headline of the article we discussed last time is ...

#### **5. Put in: subject, object или subject matter:**

1. The ... of the textbook falls into two sections.
2. The ... of my work is to investigate this particular problem.
3. I'm engaged in one of the aspects of the broad ... of law.
4. The ... of my thesis is arranged in the following way.
5. The ... of the book is of major importance.
6. The ... of the paper is to give some idea about family law.

#### **6. Answer the questions.**

1. What subjects are dealt with in your thesis (paper, article, the book you are reading)?
2. What is the subject of your research?
3. What is the object of your research (investigation)?
4. The subject of your research is of practical importance, isn't it?
5. How is the subject matter of your thesis (paper, the book you are reading) arranged?
6. How many chapters does the book you are reading consist of
7. Do the chapters contain any summary?
8. Does the book contain any original data?
9. Does it contain any errors?

#### **7. Make up the annotation of your scientific work.**



1. The title of the book
2. The time and the place of its publication
3. The aim of the book
4. The subject of the book
5. For whom the book is written
6. The author(s) of the book
7. The list of references
8. The arrangement of the subject matter
9. The contents of each part
10. The style and the way books are illustrated
11. Your own opinion about the value of the book.

### **8. Dwell upon your scientific thesis (articles).**

1. What is the subject of your thesis?
2. Have you already published any articles?
3. Where and when did you publish them?
4. What are the titles of your published papers?
5. What problems do you deal with in those papers?
6. What are you going to prove in the course of your research?
7. Is there much or little material published on the subject of your research?
8. Who are your published papers addressed to?
9. What do you give much attention to in you published papers?
10. What is of particular interest in your paper?
11. How many parts does your paper consist of?
12. What is the purpose of your paper?
13. What do you treat in your introductory part?
14. What do you say in conclusion?
15. Who do you makes references to?

### **9. Translate the words.**

to publish, sphere, research, to include, importance, to develop, to collaborate; enterprise, scientific adviser, scientific degree, to be awarded, department, to encounter, branch, research team, data, to participate, to take post-graduate courses, to prove a thesis (dissertation).

### **10. Find the synonyms.**

1) device, research, technology, branch, obtain, importance, collaborator, team, scientific adviser, to enable, thesis, journal, to prove a thesis, to collect, data, to encounter, to be engaged in, to be through with, scientific papers, rapidly;

2) quickly, publications, instrument, technique, to finish, to be busy with, field, to get, significance, to come across, information, to gather, coworker, group, supervisor, to defend a dissertation, scientific magazine, dissertation, to allow, investigation

### **11. Find the antonyms.**

1) theory, to obtain, rapidly, experimentator, to finish, to increase, new, experienced, unknown, wide, passive, to enable, high, complicated;

2) simple, low, practice, to give, to disable, active, slowly, theoretician, narrow, famous, to start, to decrease, old, inexperienced.

### **12. Make up the sentences.**

a) Example: I took post-graduate courses in economics and applied quantitative methods.

1) psychology; 2) in international law; 3) informatics; 4) economics with mathematics; 5) business administration.

b) Example: I am to take the candidate examination in English.

1) in philosophy; 2) in the special subject.

c) Example: My scientific adviser received the State Prize.

1) got his Ph. D. degree in Kiev; 2) made a considerable contribution into economics; 3) took part in various scientific conferences and symposia.

d) Example: I take part in annual conferences of our university.

1) in international symposia; 2) in making experiments; 3) in delivering lecture in economics.

### **13. Read the following sentences.**

1. The title of the article The article is headlined... The headline of the article I have read is...

2. The author of the article, where and when the article was published The author of the article is... The article is written by... It is published in ...

3. The general topic of the article, the aim of it The main idea of the article is... the article is about... the article is devoted to ...The article deals with...The article touches upon...The purpose of the article is to give the reader some information on... the aim of the article is to provide the reader with some material (data) on...

4. The contents of the article. Some facts, names, figures The author starts by telling the reader that... The author writes (states, stresses, thinks, points out) that... The article describes... According to the text...Further the author reports (says)... The article goes on to say that... In conclusion... the author comes to the conclusion that... 5. Your opinion of the article I found the article interesting (important, dull, of no value, too hard to understand...)

## **Grammar Focus**

### **1. Open the brackets.**

A. 1. We always (to consult) a dictionary when we (to translate) texts. 2. We (to take part) in a sport competition last Sunday. 3. My friend (to pass) entrance examinations to the University last month. 4. He (to study) at the Law Department now. 5. He (to graduate) from the University in five years and will become a lawyer. 6. The students (to come) to the lectures every day. 7. We (not to go) to the country this Sunday.

B. 1. When he (to graduate) from the University, he will become a good specialist. 2. If you (to prepare) the report in time, you will take part in the conference. 3. When I (to be) 18, I (to take part) in the elections. 4. We (revise) the rules in some days. 5. If you (to come) to the lecture, you will learn many interesting things.

### **2. Open the brackets.**

1. If you (to make) a mistake, they will find you. If they (to find) you, they will catch you. If they (to catch) me, I shall confess. If you (to confess), they will put you in prison. If you (to be) lucky, they won't catch you. 2. If you (to go) to Rome, you'll see the Coliseum. If you (to visit) London, probably you will see the Queen. If you (to stay) with me, you won't see anything, but I'll be happy. 3. When he (to propose) to her, she'll marry him. But she won't be happy when she (to marry) him. 4. I shall visit you as soon as I (to feel) better. 5. We shall stay here as long as our money (to last). 6. They won't send us a telegram unless there (to be) something urgent. 7. You'll phone me before you (to go) away, won't you? 8. I'll come to London after they (to find) some place for us stay at. 9. We'll work till it (to get) absolutely dark. 10. Students won't get financial rewards unless they (to get) high grades. 11. What will you do when summer (to come)? 12. If he not (to come), we'll have a problem

### **3. Choose which verb tense (simple past or past continuous) fits better.**

1. I \_\_\_\_\_ - I didn't hear you come in.

- a) was sleeping b) slept
2. I \_\_\_\_\_ to see her twice, but she wasn't home.  
a) was coming b) came
3. What \_\_\_\_\_? I was watching TV.  
a) did you do b) were you doing
4. Robin Hood was a character who \_\_\_\_\_ from the rich and gave to the poor.  
a) stole b) was stealing
5. Hey, did you talk to her? Yes, I \_\_\_\_\_ to her  
a) was talking b) talked
6. I \_\_\_\_\_ home very late last night.  
a) came b) was coming
7. How long \_\_\_\_\_ the flu?  
a) did you have b) were you having
8. \_\_\_\_\_ a good time in Brazil? Yes, I had a blast!  
a) Were you having b) Did you have
9. We \_\_\_\_\_ breakfast when she walked into the room.  
a) had b) were having
10. Last month I decided to buy a new car, and today I finally \_\_\_\_\_ it.  
a) bought b) was buying

**4. Complete the following sentences with the correct form (Past Simple or Past Continuous).**

1. A: What (you, do) \_\_\_\_\_ when you heard that noise? B: I (try) \_\_\_\_\_ to change a light bulb that had burnt out.
2. After I (find) \_\_\_\_\_ the wallet full of money, I (go, immediately) \_\_\_\_\_ to the police and (turn) \_\_\_\_\_ it in.
3. The doctor (say) \_\_\_\_\_ that Brian (be) \_\_\_\_\_ too weak to go to work and that he (need) \_\_\_\_\_ to stay at home for a couple of days.

4. My best friend (arrive) \_\_\_\_\_ at my house a little before 9:00 pm, but I (be, not) \_\_\_\_\_ there. I (study) \_\_\_\_\_ at the library for my final examination in Italian.

5. John is in the living room working on his computer. At this time yesterday, he (work, also) \_\_\_\_\_ on his computer. That's all he ever does!

6. I (call) \_\_\_\_\_ you last night after dinner, but you (be, not) \_\_\_\_\_ there. Where were you? B: I (work) \_\_\_\_\_ out at the gym.

7. When I (walk) \_\_\_\_\_ into the busy office, the secretaries (talk) \_\_\_\_\_ on the phone with customers, a clerk (work, busily) \_\_\_\_\_ at his desk, and two managers (discuss, quietly) \_\_\_\_\_ methods to improve customer service.

8. I (watch) \_\_\_\_\_ a thriller on T.V. when the electricity went out. Now I am never going to find out how the film ends.

9. Samantha (be) \_\_\_\_\_ in the room when Bob (tell) \_\_\_\_\_ me what happened, but she didn't hear anything because she (be, listen) \_\_\_\_\_ to music.

10. It's strange that you (call) \_\_\_\_\_ because I (think, just) \_\_\_\_\_ about you.

**5. Find the Past Simple of the following verbs:**

Work \_\_\_\_\_ come \_\_\_\_\_

Walk \_\_\_\_\_ speak \_\_\_\_\_

Talk \_\_\_\_\_ see \_\_\_\_\_

Clean \_\_\_\_\_ do \_\_\_\_\_

Live \_\_\_\_\_ go \_\_\_\_\_

Wash \_\_\_\_\_ sing \_\_\_\_\_

**6. Write the correct form of the verb, using the Past Simple or the Past Continuous tense.**

A: I \_\_\_\_\_ (see) Peter and John in the park on Sunday.  
 B: \_\_\_\_\_ (they/play) football? They always play football on Sundays.  
 A: No, they \_\_\_\_\_ (not/be). They \_\_\_\_\_ (talk) with some girls.  
 B: \_\_\_\_\_ (you/say) hello to them?  
 A. Although I \_\_\_\_\_ (call) their names, they \_\_\_\_\_ (not/hear) me.  
 B: Maybe they \_\_\_\_\_ (not/notice) you \_\_\_\_\_ (be) there

### 7. Put the verbs in brackets into the Past Continuous or the Past Simple.

1) Frank \_\_\_\_\_ (finish) his lunch and \_\_\_\_\_ (ring) his friend Jason. 2) Jason \_\_\_\_\_ (watch) TV when Fran \_\_\_\_\_ (phone) him. 3) He \_\_\_\_\_ (turn off) the TV when he \_\_\_\_\_ (hear) the phone ringing. 4) They \_\_\_\_\_ (decide) what to do when Jason \_\_\_\_\_ (suggest) going to the club. 5) Frank \_\_\_\_\_ Jason \_\_\_\_\_ (pick up) and \_\_\_\_\_ (drive) to the club. 6) Two other people \_\_\_\_\_ (use) their tennis court when they \_\_\_\_\_ (arrive). 7) They \_\_\_\_\_ (drink) a soda and \_\_\_\_\_ (eat) a sandwich while they \_\_\_\_\_ (wait) to play. 8) While they \_\_\_\_\_ (play), it \_\_\_\_\_ (start) to rain so they \_\_\_\_\_ (have) to stop playing.

### 8. Present Perfect vs Past Simple

The Present and the Past Simple are often used in academic writing:

#### Present Perfect Active

*active:* has/have published/ written

*passive:* has/have been published/ written

We often use Present Perfect to talk about actions that are completed before now.

These actions are completed in the period of time that is unfinished.

Two articles *have been published* in the journal this year.

#### Past Simple

*active:* published/wrote

*passive:* was/were published/written

We use Past Simple to talk about finished actions and situations in the past. We know, and often say, the time of the action or situation.

They *published* an interesting article in Scientific American last month.

- **Present Perfect vs Past Simple**

Complete these sentences with the Present Perfect or Past Simple of the verbs in brackets.

1. I (play) a lot of tennis this year.
2. She (have) six different jobs since she graduated from the university.
3. How many cups of coffee (you drink) today?
4. In those days, Andrew (come) to stay with us most weekends.
5. Since my brother lost his job, he (write) two books.
6. Would you believe I (make) twenty-three phone calls today?
7. Mary (go) to Australia for a while but she's back again now.
8. I did German at school but I (forget) most of it.
9. I (have) a headache earlier but I feel fine now.
10. "Is Helen still here?" "No, she (just/go) out".
11. Ann (give) me her address but I'm afraid I (lose) it.
12. What do you think of my English? Do you think I (improve)?
13. I (not read) her latest book.
14. Columbus (not discover) America: the Indians already (know) where it was.
15. Amazing news! Scientists (discover) a new planet!
16. I (never enjoy) a holiday as much as this one.

**9. Translate the sentences (Present Perfect).**

1. What a boring film! It's the most boring film I have ever seen. 2. Have you heard from George recently? 3. I have met a lot of people in the last few days. 4. Everything is going well. We haven't had any problems so far. 5. I am hungry. I haven't eaten



anything since breakfast. 6. It's nice to see you again. We haven't seen each other for a long time. 7. I've drunk four cups of coffee today. 8. Have you had a holiday this year (yet)? 9. I haven't seen Tom this morning. Have you? 10. Ron hasn't worked very hard this term. 11. It's the first time he has driven a car. He has never driven a car before. 12. Linda has lost her passport again. It's the second time this has happened. 13. Have you ever spoken to the famous person?

#### **10. Translate the sentences (Present Perfect Continuous).**

1. You're out of breath. Have you been running? 2. Paul is very tired. He has been working very hard. 3. Why are your clothes so dirty? What have you been doing? 4. How long has it been raining? – It has been raining for two hours. 5. How long have you been learning English? 6. Tim is still watching television. He has been watching television all day. 7. Where have you been? – I have been looking for you for the last half hour. 8. George hasn't been feeling well recently. 9. Debbie is a good tennis player. She has been playing since she was eight. 10. Every morning they meet in the same cafe. They have been going there for years. 11. I have been working hard, so now I'm going to have a rest. 12. The ground is wet. It has been raining. 13. We have been waiting for you an hour. 14. I have been learning Spanish since December. 15. He has been looking for a job for six months. 16. Mary has been working in London since 18 January. 17. We have been going to the South for years. 18. They have been working hard recently.

#### **11. Translate the following sentences (Passive Voice).**

1. My letter was answered at once. 2. We were joined by a group of our students in the Crimea. 3. These events were followed by a wave of strikes. 4. The lecture was attended by many students. 5. The terms were agreed upon. 6. We hope that agreement will be arrived at. 7. He was listened to attentively. 8. This problem was not spoken about. 9. The doctor will be sent for at once. 10. This book was often referred to. 11. He was never heard of. 12. The terms were insisted upon. 13. They are taught French at school. 14. He was offered a new job. 15. We are paid twice a month.

## **12. Use Present Simple, Present Continuous или Present Perfect Continuous tenses.**

My brother (work) at a research Institute. He (work) for five years since 1996. He (work) on his thesis now. He (work) on his thesis for a year. Now he (make) his experiments at the laboratory. 2. Professor M. (take) courses in English and American Literature. He (know) six foreign languages. He (speak) and (read) four languages fluently. At present he (learn) Japanese. He (learn) it for some month. 3. What you usually (do) in the evenings? I usually (do) my homework, (read), sometimes I (watch) television. Now I (write) a report. I (work) on it for an hour and a half. 4. Don't go out, it (rain) now. It (rain) since early morning. It often (rain) here in autumn.

## **13. Open the brackets using Past Perfect tense.**

1. She hoped I (to pay) for the tickets. 2. When we came the plane (to take off). 3. I went to sleep as soon as the show (to finish). 4. By the end of the year he (to complete) five courses. 5. When they came home mother (to do) everything about the house. 6. I went to see the sights after I (to buy) a map of Moscow. 7. After I (to spend) all the money I turned to my father. 8. She understood the letter after she (to read) it a second time. 9. We (to keep) waiting until we lost patience.

## **14. Open the brackets using Past Perfect или Past Simple.**

Model: When I (to come) home, mother already (to cook) dinner. When I came home, mother had already cooked dinner.

1. When father (to return) from work, we already (to do) our homework. 2. Kate (to give) me the book which she (to buy) the day before. 3. Mother (to see) that Nick (not to wash) his hands. 4. The teacher (to understand) that Lena (not to do) her homework. 5. I (to know) that my friend (not yet to come). 6. Tom (to return) from the cinema at 5 o'clock. 7. She (to return) from the theatre by 5 o'clock. 8. I (to finish) my homework at 7 o'clock. 9. He (to finish) his homework by 7 o'clock. 10. He (to think) that he (to lose) the money. 11. Ann (to tell) me that she (to see) an interesting film. 12. When I (to wake) up yesterday, father already (to go) to work. 13. Nick (to

think) that his father (not yet to come) home. 14. Mary (to tell) us that she (to cook) a good dinner. 15. Yesterday I (to find) the book which I (to lose) in summer. 16. When we (to come) to the station, the train already (to leave). 17. Jenny (to say) that he (to get) his education in Cape Town. 18. He (not to know) who (to attack) him in darkness. 19. The girl (to be) glad that she (to find) a seat near the window. 20. By the time the train (to reach) the city, he (to make) friends with many passengers. 21. During the holidays my friend (to visit) the village where he (to live) in his childhood.

### **15. Choose Past Indefinite, Past Continuous, Past Perfect or Past Perfect Continuous.**

1. He not (to see) me as he (to read) when I (to come) into the room. 2. When he was in Odessa he (to visit) the places where he (to play) as a boy. 3. The telegram (to arrive) five minutes after you (to leave) the house. 4. It (to rain) hard last night when I (to leave) the office. 5. The train couldn't stop because it (to travel) too fast at the time. 6. When I (to call) for my friend, his sister (to tell) me that he (to leave) half an hour before. 7. I (to shout) to him to stop, but he (to run) too fast and not (to hear). 8. Large crowds (to wait) at the station when the Ukrainian delegation (to arrive). 9. When I (to hear) the news, I (to hurry) to see him. 10. We (to walk) to the station when it (to begin) to rain.

### **16. Open the brackets and choose Active or Passive Voice**

1. It's a big factory. Five hundred people are (employ). 2. Water (cover) most of the Earth's surface. 3. Most of the Earth's surface (cover) by water. 4. The park gates (lock) at 6.30 p. m. every evening. 5. The letter (post) a week ago and it (arrive) yesterday. 6. The boat (sink) quickly but fortunately everybody (rescue). 7. Ron's parents (die) when he was very young, he and his sister (bring) up by their grandparents. 8. I was born in London but I (grow) up in the north of England. 9. While I was on holiday, my camera (steal) from my hotel room. 10. Why he (kill / sack) from his job? What did he do wrong? 11. The company is not independent. It (own) by a much larger company. 12. I saw an accident last night. Somebody (call) an ambulance but nobody (injure) so the ambulance (not / need)

### **17. Transform into Passive Voice.**

1. The speaker stressed the importance of the Congress. 2. This actor will play the part of Hamlet. 3. The director himself answered the phone. 5. Some body recommended me to see that doctor. 6. They had eaten all the dinner before they finished the conversation. 7. Somebody has locked the box and I cannot open it. 8. Our friends are making special preparations.

### **18. Transform the sentences into Reported speech.**

1. He said to me: "Come at nine o'clock, I shall be free at that time and we shall have a nice cup of coffee."
2. Helen asked her friend: "What did the professor speak about in his lecture?"
3. Ann said: "He is one of the best speakers I have ever heard."
4. He said: "I seldom went to see my friend in May as I was very busy."
5. She asked her brother: "Will you manage to get tickets to the Philharmonic on Sunday?"
6. My friend said: "We arrived in Kiev on Saturday and the next day we went to have a look around the city."
7. My friend said to me: "The discussion will still be going on when you return."
8. He said: "I am proud of my brother who took the first prize at the competition."
9. She said: "He has just left."
10. Tom asked: "Were you present at the meeting yesterday?"

## **Texts for additional reading**

### **Political system of Ukraine**

Ukraine is a sovereign state. The Declaration of Ukrainian Independence was proclaimed on August 24, 1991 by the Ukrainian Parliament. Our state consists of 24 regions and one autonomous republic, the Crimea. The Ukrainian government consists of the legislative, executive and judicial branches. Each of them exercises its authority within the limits prescribed by the Constitution and in accordance with the laws of Ukraine. The sole organ of legislative authority in Ukraine is the Parliament – the Supreme Rada of Ukraine. According to the Declaration only the Supreme Rada can speak on behalf of the whole Ukrainian people. No political party, public organization or separate person has the right to do so. The Declaration states that Ukraine guarantees the supremacy of its Constitution throughout the territory of the 21 country. The sequence of events by which Ukraine moved from the adoption of the Declaration of the State Sovereignty to the adoption of its Constitution was complicated. In June 1996 the Supreme Rada adopted the new Constitution of Ukraine. According to it Ukraine is a parliamentary republic with a president as head of state. The highest legislative body is the Supreme Rada. It is a one chamber parliament, which is presided over by the Speaker. It is made up of 450 national deputies who are elected by secret ballot for a five-year term. To be elected a deputy, an individual must be a citizen of Ukraine, must have attained at least the age of 21 years and must have resided in Ukraine for at least five of the previous years. The head of state is the President, who is elected by the citizens of Ukraine for a five-year term. He cannot be elected for more than two terms. The President is the highest official of the Ukrainian state, vested with supreme executive authority. He exercises it through the government, the Cabinet of Ministers which is accountable to him, and through a system of central and local organs of state executive authority. The highest organ within the system of the executive authority is the Cabinet of Ministers. The head of the Cabinet of Ministers is the Prime Minister, who is appointed by the President of Ukraine upon the consent of more than one-half of the deputies of the

Supreme Rada of Ukraine. The Constitutional Court, the Supreme Court and regional courts constitute the judicial branch of the government.

### **Political system of Great Britain**

The United Kingdom is a constitutional monarchy, which means that the sovereign reigns but does not rule. The continuity of the English monarchy has been interrupted only once, in 1649 – 1659, during the Cromwell republic. Succession to the throne is hereditary but only for Protestants in the direct line of descent. The monarch has a number of roles and serves formally as the head of state, the head of the executive, legislative and judicial branches, the commander-in-chief of the armed forces and the “supreme governor” of the Church of England. The monarch is expected to be politically neutral and is not to make political decisions. In fact, he/she acts on the advice of the Ministers and cannot make laws, impose taxes or spend public money. In this sense, contemporary Britain is governed by Her Majesty’s Government in the name of the Queen. Nevertheless, the monarch still performs some important executive and legislative duties including opening and dissolving Parliament, signing bills which have been passed by both Houses, holding audiences with the Prime Minister and fulfilling international duties as the head of state. 36 The monarch, in contrast to politicians, is a permanent part of the British political system and therefore often has a greater knowledge of domestic and international politics. The present sovereign is Queen Elizabeth II, who was crowned in Westminster Abbey in 1953. Arguments against the monarchy as a continuing institution in British life maintain that it is out-of-date, too expensive and undemocratic, while those who support the monarchy suggest that it has developed and adapted to modern requirements and that it demonstrates stability, is not subject to political manipulation and performs an important ambassadorial function in Britain and abroad. In general, the British public shows considerable affection for the Royal family.

## **The Political System of the United States**

The United States is the country which holds the leading position in the western world. The country that has been given many names – “Land of Opportunity”, “Melting Pot”, or “God’s Country” – is still referred to as a land of superlatives – “the richest”, “the greatest”, “the most...”. In size the United States is not the biggest country. What makes the USA the leader of the western world is its economic, political and military dominance over other countries. The United States of America is a democracy. Abraham Lincoln, one of the best-loved and most respected of America’s presidents, said that the United States had a government “of the people, by the people and for the people”. He called the United States “a nation conceived in liberty and dedicated to the proposition that all men are created equal”. No one has formulated a better way of describing the principles of the American political system as Americans understand it. The constitutional laws and traditions of the United States give the people the right to determine who will be the leader of their nation, who will make the laws and what the laws will be. The people have the power to change the system. The constitution guarantees individual freedom for all. The government of the USA is divided into 3 branches: legislative (the U. S. Congress), executive (the President and his Administration) and judicial (the U. S. Supreme Court). There are two main political parties in the USA – the Democratic (symbolized by a donkey) and the Republican (symbolized by an elephant). The U. S. President is both head of state and of government. He is elected for a 4-year term. The Supreme Court consists of the Chief Justice and eight Associate Justices, who are appointed for life. The Supreme Court must decide whether or not a law passed by the Congress or an executive order of the president is constitutional.

### **Democracy**

Democracy literally means “rule by the people” (from the Greek demos, “people”, and kratos, “rule”). The term has three basic senses in contemporary usage: (1) a form of government in which the right to make political decisions is exercised directly by the whole body of citizens, acting under procedures of majority rule, usually known as direct democracy; (2) a form of government in which the citizens

exercise the same right not in person but through representatives chosen by and responsible to them, known as representative democracy; and (3) a form of government, usually a representative democracy, in which the powers of the majority are exercised within a framework of constitutional restraints designed to guarantee all citizens the enjoyment of certain individual or collective rights, such as freedom of speech and religion, known as liberal, or constitutional, democracy. Modern concepts of democratic government were shaped to a large extent by the ideas and institutions of medieval Europe, notably the concept of divine, natural, and customary law as a restraint on the exercise of power. Highly significant was the practice by European kings of seeking approval of their policies – including the right to levy taxes – by consulting the different “estates”, or group interests, in the realm. Gatherings of representatives of these interests were the forerunners of modern parliaments and legislative assemblies. The first document in which such concepts and practices can be observed is the Magna Carta of England, granted by King John in 1215. Also of fundamental importance were the profound intellectual and social developments of the Enlightenment and the American and French revolutions, notably the emergence of concepts of natural rights and political equality. Two seminal documents of this period are the American Declaration of Independence (1776) and the French Declaration of the Rights of Man and of the Citizen (1789).

### **Science**

Science is one of the most important subjects we study at school. I loved it. I thought it was so interesting. Time in my science lessons went very quickly because I was always working on things and doing experiments. I liked all of the sciences, physics, biology and chemistry. I wish I continued studying science. I would love to be a scientist now. I think being a computer scientist would be great. Science is so important for our life and our world. All of the world's problems can be solved with science. We can go to different planets because of science. I hope governments pump lots of money into science so we have more and better scientists in the future. It's interesting to think about what future science will be like.



## **Studying**

Love it or hate it, studying is one of the most important things we do in life. We all start school around the age of four and then it's study, study, study. Some of us are good at it and like it. Some people even become lifelong learners and study into their old age. I know one woman who's over seventy and is doing her fifth Master's degree. Other people hate studying. Many people leave school at the age of 15 or 16 and get a job. They like the idea of getting money and not having homework. The truth is, however, studying is one of the best ways to make sure you do well in life. The more you study, the more qualifications you have and the better job you can get. I really think everyone would love studying if they studied something interesting.

## **Research**

Research is a very important thing. Without research, we'd have no new products. Our food would be more dangerous to eat. And we'd never go to the moon. I'd like to see my government spend a lot more money on research. Especially on research into diseases. Scientists have been researching into AIDS and cancer for years and still have not found cures. Research into technology is also important. There seems to be loads of research into information and computer technology. It's amazing how quickly technology is changing. We really need to spend more to research how global warming is affecting our planet. This could be the most important research scientists ever do. Research to save the planet.

### **Topics for scientific research**

- 1.Schools of pedagogical thoughts.
- 2.Outstanding Ukrainian scholars.
- 3.Objects of intellectual property rights.
- 4.The vocabulary of the English language.
- 5.Professional and scientific terminological vocabulary.
- 6.Professional idiomatic expressions, clichés, abbreviations.
- 7.Grammatical features of scientific style.
- 8.Stylistic features of scientific style.
- 9.Organizations of a scientific conference, parts of a conference, conference procedure.
- 10.Scientific journals. Professional pedagogical journals.

## РЕКОМЕНДОВАНА ЛІТЕРАТУРА

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**Мулик К.О.**

**«Наукова комунікація іноземною мовою»**

методичні рекомендації  
для здобувачів другого (магістерського) рівня вищої освіти  
спеціальності 053 Психологія.

Методичний посібник

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