

## PRACTICE 3

### WRITTEN PROFESSIONAL COMMUNICATION IN A FOREIGN LANGUAGE

#### PART 1

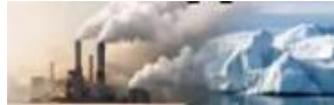
☞ *Task 1 Give the synonyms to the verbs that are usually used in the scientific articles*

To consider	To plot
To obtain	To put
To substitute	To show
To use	To increase
To make	To decrease
To solve	To point out
To perform	To determine
To carry out	

☞ *Task 2 Use the link <https://blog.wordvice.com/recommended-verbs-for-research-writing/> in order to study the words and phrases that are commonly used in the scientific literature. Make one sentence using the words and phrases from the table. (Use also Applications 3,4)*

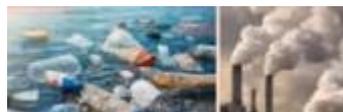
☞ *Task 3 Write a report (up to 10 minutes) on the topic about environment using vocabulary below. Use recommendations from resource <https://blog.wordvice.com/recommended-verbs-for-research-writing/> and Applications 3,4.*

#### Environment Vocabulary (*sours IELTS Band 8-9*)



##### 1. Climate & Global War

- Climate change
- Global Warming
- Greenhouse gases
- Carbon emissions/Carbon footprint
- Melting ice caps



##### 2. Pollution

- Air/Water/Soil pollution
- Toxic waste
- Plastic contamination

- Industrial discharge
- Smog



### 3. *Natural Resources & Energy*

- Renewable energy
- Fossil fuels
- Non-renewable resources
- Energy conservation



### 4. *Environment Protection*

- Deforestation
- Biodiversity loss
- Wildlife conservation
- Afforestation

### 5. *Sustainability*

- Sustainable development
- Eco-friendly
- Zero-waste lifestyle
- Recycling & Waste Management

## PART 2

✍ *Task 1 Read the article Academic writing at the link*  
<https://www.eapfoundation.com/writing/what/>

***Choose the text from Moodle and analyze it according article Academic writing***

✍ *Task 2 Read document. What type do they belong to? Give arguments*

Subject: Opportunity for Scientific Internship

Dear Prof. Carl Johnson,

My name is Anna Ivanova, and I am a lecturer at Zaporizhzhia National University, Ukraine. I am interested in your University, and I am fascinated by it. Moreover, the researches of your department are very close for me. So I would like to complete an internship in your department to discuss the scientific problems and share ideas about education questions. I have a success experience of the research. I am regularly published in the scientific journals. As a high school teacher with a considerable experience I was awarded a mayor's office certificate of honour. I am confident my qualification and experience will be useful for you. I would very much appreciate the opportunity to discuss the details of the internship program. I look forward to hearing from you. I will contact you in two days to set up a time for the discussion.

Sincerely, Anna Ivanova.

✍ *Task 3 Read and translate the letter. What type do they belong to?*  
***Analyze it according article Academic writing***

Dear authors, based on the results of the triple blind review, your article can be published. For re-consideration and a final decision on acceptance or rejection of the article, you must upload an updated article file (\*.docm format) by March 12, 2025. This is mandatory:1. Analyse the reviewers' feedback and take it into account (if any). «Fill» the updated parts of the text in yellow.2. Check your article again for compliance with the technical requirements (the article design is attached). Articles that do not take into account the reviewers' comments or do not meet the technical requirements will not be considered.

SUBMISSION: 126 TITLE: The role of mathematics in the formation of the human capital for the sustainable development.

REVIEW 1

Does the article contain enough new material to be published? SCORE: 3 (fair)

Is the paper scientifically sound and not misleading? SCORE: 5 (excellent)

Does the paper include a sufficiently general introduction? SCORE: 4 (good)

Is the paper clearly written, concise and understandable? SCORE: 5 (excellent)

Are the style of presentation appropriate for SPRINGER LINK? SCORE: 4 (good)

Is the impact of this paper likely to be high? SCORE: 4 (good)

Please evaluate the quality of the research. SCORE: 4 (good)

Is the length appropriate? SCORE: 1 (yes)

The abstract should summarize the contents of the paper in short terms, i.e. 150-250 words. SCORE: 1 (yes)

Does the article include an analysis of recent research and publications? SCORE: 4 (good)

Self-citation should not exceed 10%. SCORE: 1 (yes)

Are the results supported by a sufficient number of selected research methods and tools? SCORE: 4 (good)

Should the written English of the manuscript be edited? SCORE: 5 (excellent)

Reviewer's confidence. SCORE: 4 (high)

Overall evaluation. SCORE: 2 (accept)

The article «Role of Mathematics in the Formation of the Human Capital for the Sustainable Development» analyses the impact of mathematical education on the formation of human capital, particularly the development of soft skills, which are essential for sustainable development. The authors emphasize the role of mathematics in fostering critical thinking, creativity, and the ability for self-directed learning. The use of mathematical logic to develop analytical thinking and reasoned decision-making is particularly valuable. The structure and presentation of the material meet the requirements of Springer publishing and the BESD'2025 conference. At the same time, the literature review largely relies on outdated sources. Incorporating recent studies (from the last 3 – 5 years) would enhance the relevance and scientific credibility of the work. It is recommended to include at

least four references from reputable databases such as Web of Science or Scopus to strengthen the validity of the article's conclusions.

#### REVIEW 2

The study does not sufficiently argue why mathematics (and not other disciplines) is important for human capital development. The authors do not refer to modern publications on human capital development when formulating the hypothesis of the study. The conclusions of the study are not supported by practical results.

#### REVIEW 3

The article is a justification for the need for mathematics for the formation of human capital. Using simple examples, the authors show how to form skills, logical, critical and systemic thinking. The authors are advised to review the list of literature, as source 6 raises doubts about the need to include it in the article.

*✍ Task 4 Read the text. Give the explanation and the examples to the underlined words*

#### **What is email?**

Electronic mail, commonly shortened to «email», is a communication method that uses electronic devices to deliver messages across computer networks. «Email» refers to both the delivery system and individual messages that are sent and received.

Email has existed in some form since the 1970s, when programmer Ray Tomlinson created a way to transmit messages between computer systems on the Advanced Research Projects Agency Network (ARPANET). Modern forms of email became available for widespread public use with the development of email client software (e.g. Outlook) and web browsers, the latter of which enables users to send and receive messages over the Internet using web-based email clients (e.g. Gmail). Today, email is one of the most popular methods of digital communication. Its prevalence and security vulnerabilities also make it an appealing vehicle for cyber attacks like phishing, domain spoofing, and business email compromise (BEC).

*✍ Task 5 Write the letter on the chosen theme*

- Submission of the article.
- Response of the reviewer.
- Invitation to the conference.