# 令和５（2023）年度 第１・２学年９月編入学選抜検査

Fall Entrance Examination 2023 for 1st and 2nd Grade Applicants

# 外国語作文（英語）
# Foreign Language Essay (English)

令和５（2023）年７月４日（火）実施

Tuesday, July 4, 2023

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Attention

1　Keep your test booklet closed until you are instructed to open this booklet.

2　You may freely use blank space in the booklet. Any marks in this booklet will not be scored.

3　There is a separate answer sheet. All answers should be written within the space provided on

　the answer sheet **in English**.

4　You will be given 45 minutes to complete the Foreign Language Essay.

5　Remain silent during test time.

6　Write your name and registration number on the test booklet, and write your registration number

　on your answer sheet.

7　No questions concerning the test content will be answered.

8　Both your test booklet and your answer sheet will be collected after the test.

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| 受検番号<br>Registration number | 氏名<br>Name |
|---|---|
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東京学芸大学附属国際中等教育学校

TOKYO GAKUGEI UNIVERSITY INTERNATIONAL SECONDARY SCHOOL

**Read the passage below and answer the following question.**

Many of the jobs that today's students will be doing in 2030 haven't been invented yet. The big question is: What will these jobs be? It turns out that many of these jobs will spin off from technologies that are emerging today and incorporate skills that can be learned through education.

Career-services experts predict the following top jobs for 2030 (Table 1), while the World Economic Forum has listed the most essential skills for the jobs of the future (Table 2).

Table 1: Sample of most in-demand jobs for 2030 (Anderson, 2022)

1. organ creator → 3D-print or genetically engineer human hearts, lungs, kidneys, etc.
2. Metaverse planner → Design experiences for business and leisure in virtual reality
3. earthquake forecaster → Predict when, where, and how severe earthquakes will be
4. algorithm bias auditor → Manage biases emerging from algorithms and machine learning
5. rewilder → Turn cities from concrete jungles into green spaces
6. human-machine manager → Optimize teamwork between humans, AI, and networked devices
7. drone traffic optimizer → Maintain the safety of the skies as the use of drones increases
8. trash engineer → Ensure sustainability of cyclical disposal, recycling, or upcycling

Table 2: Skills needed for the jobs of the future (World Economic Forum, 2020)

| | |
|---|---|
| ● analytical thinking and innovation | ● technology installation and maintenance |
| ● active learning and learning strategies | ● critical thinking and analysis |
| ● creativity, originality and initiative | ● emotional intelligence |
| ● complex problem-solving | ● troubleshooting and user experience |
| ● technology use, monitoring and control | ● systems analysis and evaluation |
| ● technology design and programming | ● leadership and social influence |
| ● resilience, stress tolerance and flexibility | ● service orientation |
| ● reasoning, problem-solving and ideation | |

Modified from:

Anderson, B. M. (2022). 15 Jobs You'll Be Recruiting for in 2030.

World Economic Forum (2020). *The Future of Jobs Report 2020.*

**QUESTION**

**In your opinion, which skills (Table 2) will be most useful for the jobs of the future (Table 1)? Support your opinion with reasons based on your knowledge and/or experience.**

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**外国語作文（英語） 解答用紙 ／ Foreign Language Essay (English) Answer Sheet**

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**※Leave the above boxes blank.**