

令和5（2023）年度 第5学年9月編入学選抜検査

Fall Entrance Examination 2023 for 5th 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

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.

受検番号

Registration number

氏名

Name

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).

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

<ul style="list-style-type: none">● analytical thinking and innovation● active learning and learning strategies● creativity, originality and initiative● complex problem-solving● technology use, monitoring and control● technology design and programming● resilience, stress tolerance and flexibility● reasoning, problem-solving and ideation	<ul style="list-style-type: none">● technology installation and maintenance● critical thinking and analysis● emotional intelligence● troubleshooting and user experience● systems analysis and evaluation● leadership and social influence● service orientation
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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

Analyze what roles schools can play to prepare future workers for these shifts in the workforce. Support and develop your analysis with reasons based on your knowledge.

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

This section is a large rectangular area with a solid black border, intended for writing the answer. It contains 20 horizontal dotted lines spaced evenly down the page, providing a guide for the student's handwriting.

