NAUKA I TECHNIKA
SŁOWNICTWO

1 Uzupełnij zdania poprawną formą słów podanych drukowanymi literami.

0 *My mum works as a* biologist . (BIOLOGY)

1 I'd love to work as a_____. (PHYSICS)

2 I'm not an_____but I'm very interested in the subject. (ARCHAEOLOGY)

3 I'm thinking of studying _____ at university. (LINGUIST)

4 I'd love to be an_____when I finish my studies. (ASTRONOMY)

5 Your Internet_____is very poor. (CONNECT)

2 Wybierz słowa, które poprawnie uzupełniają zdania.

A: I've got a new computer. What should I do now?

B: Well, first of all you need is to **install** / **connect** / **upload** to the Internet. If you haven't got any anti-virus **folders** / **software** / **documents**, you should **download** / **delete** / **open** some from the Internet. When you have done that, you will need to **delete** / **print** / **install** it. Don't worry, it's easy. Just follow the instructions. Now you know your computer is safe, you can get a computer cleaner and **upload** / **delete** / **save** all the rubbish that computers come with nowadays. Also, if you use the computer to do important work, it's a good idea to get a memory **drive** / **stick** / **file**. Save your work on that and the computer and, if one goes wrong, you've still got the work safe.

3 Uzupełnij zdania czasownikami z ramki w poprawnej formie. Podano cztery dodatkowe czasowniki.

We carried out some experiments and _____ a brilliant discovery.

He was _____ the Nobel Prize for Physics.

I _____ an attachment that came with an email and my computer _____.

The power went off while I was working on my computer.
I hadn't _____ my work and I lost it all.

ŚRODKI JĘZYKOWE

4 Przeczytaj tekst. Z podanych odpowiedzi (A–C) wybierz właściwą, tak aby otrzymać logiczny i poprawny tekst.

Our government has decided to send a spacecraft into

0_____ space. 1_____ the cost, I think it's a great idea. We need to learn about space 2_____ have more understanding of physics and other sciences. Scientists have 3_____ great discoveries because of space exploration. 4_____ some of these would have happened anyway, I'm sure they happened more quickly. Take water filters for example. 5_____ had to have these when they travelled and, if we want to send people to Mars, they will have to make even more advances which will help people who can't get clean drinking water at the moment.

0	**A** outwards	**B** out of	**C** outer
1	**A** In spite of	**B** Although	**C** However
2	**A** in case we	**B** in order to	**C** although we
3	**A** made	**B** done	**C** had
4	**A** However	**B** Despite	**C** Although
5	**A** Archaeologists	**B** Analysts	**C** Astronauts

CZYTANIE

5 Przeczytaj tekst, z którego usunięto pięć zdań. Wpisz w luki (1–5) litery, którymi oznaczono brakujące zdania (A–G), tak aby otrzymać logiczny i spójny tekst. Uwaga: dwa zdania zostały podane dodatkowo i nie pasują do żadnej luki.

HUMPHREY DAVY AND HIS LAMP

Humphrey Davy may not be the most famous scientist and inventor in history but his work was very important. As a chemist, he discovered several elements including potassium, sodium and calcium.

However, important as these discoveries were, he is remembered more for his Davy Lamp. Before 1815, miners took candles underground with them when they were working. 1_____There were no batteries or light bulbs at that time but Davy found a way to improve safety. It was a simple idea. 2_____ This was similar to what people now put on windows in the summer to allow air in but keep flies out. With Davy's lamp, air could get in to keep the flame lit but the flame couldn't escape and cause an explosion.

That was impressive enough but the lamp did more. If there were dangerous gases in the air, the flame burned higher. 3_____ In addition, miners could test the air for poisonous gases. Air normally contains about 22% oxygen. When oxygen levels dropped below 17%, the lamps went out. Miners could still breathe at that level of oxygen and might not realise that anything was wrong. The lamp gave them an early warning of danger and allowed them to escape before

they were overcome by carbon dioxide.

Unfortunately, greed prevented the lamps from saving as many lives as they could. [4]_____ It was now possible to spend less on fans as there were fewer explosions. This meant that the air the miners were breathing was actually less healthy than it had been before. The lamps were also easily damaged which meant that, with the poor ventilation, explosions were almost as frequent as they had been. Another problem was that the lamps weren't as bright as bare candles. [5]_____

Despite its faults, the Davy Lamp, along with other similar lamps which appeared at the same time, did help to reduce mining accidents although they stayed at very high levels until electric lamps started to appear in the late nineteenth century.

A   They allowed mine owners to cut costs.
B   It also had a blue colour.
C   Tests showed that the lamps were safe.
D   These often caused explosions because of dangerous gases in the mines.
E   Some people argued against their introduction because of this.
F   This made working more difficult.
G   He put the candle into a lamp and fitted a net around it.

SŁUCHANIE

6   TRACK 13   Posłuchaj pięciu wypowiedzi. Do każdej wypowiedzi (1–5) dopasuj odpowiadające jej zdanie (A–F). Wpisz rozwiązania do tabeli. Uwaga: jedno zdanie zostało podane dodatkowo i nie pasuje do żadnej wypowiedzi.

Speaker:	1	2	3	4	5

A   The speaker is making a complaint.
B   You can hear this text in a museum.
C   The speaker has just made an interesting discovery.
D   The speaker works in a shop.
E   The text is an advertisement.
F   In this text, we learn about an early example of a gadget.

PISANIE

7   Wykonaj zadanie egzaminacyjne.

Właśnie kupiłeś/aś nowy gadżet i masz z nim problemy. Masz kolegę, który dobrze sobie radzi z różnymi gadżetami.
Już wcześniej prosiłeś/aś go o pomoc. Napisz do niego e-mail.
• Opisz gadżet.
• Powiedz koledze, jaki masz z nim w tej chwili problem.
• Zapytaj, czy mógłby obejrzeć twój nowy nabytek.
• Przeproś, że znowu prosisz go o pomoc.
Rozwiń swoją wypowiedź w każdym z czterech podpunktów. Długość tekstu powinna wynosić od 80 do 130 słów

Dear Noah,
Guess what I've just bought!

_____

_____

_____

_____

_____

_____

I hope you can help.
All the best,
XYZ