

科技與數位生活

Practice Worksheet

A. Vocabulary - Write the English word

Write the correct English word for each Chinese meaning.

1. 人工智慧 (n.) _____
2. 演算法 (n.) _____
3. 資料庫 (n.) _____
4. 軟體 (n.) _____
5. 硬體 (n.) _____
6. 應用程式 (n.) _____
7. 裝置 (n.) _____
8. 小裝置 (n.) _____
9. 創新 (n.) _____
10. 突破 (n.) _____
11. 網路 (n.) _____
12. 頻寬 (n.) _____
13. 無線的 (adj.) _____
14. 藍牙 (n.) _____
15. 加密 (n.) _____

B. Grammar - Choose the correct answer

1. Artificial intelligence ___ been developing rapidly.
(A) have (B) has
(C) had (D) having
2. We used to ___ letters; now we send emails.
(A) write (B) writing
(C) wrote (D) written
3. She is used to ___ from home.
(A) work (B) working
(C) worked (D) works

4. I wonder ____ AI will replace all jobs.
(A) that (B) which
(C) whether (D) what
5. ____ by the new technology, many workers lost their jobs.
(A) Replace (B) Replacing
(C) Replaced (D) Replaces
6. The app ____ developed since 2020.
(A) is being (B) has been
(C) was (D) have been
7. This technology is ____; it changes everything.
(A) revolution (B) revolutionary
(C) revolutionize (D) revolting
8. ____ AI, doctors can diagnose diseases faster.
(A) Use (B) Used
(C) Using (D) Uses
9. The system ____ to detect fraud automatically.
(A) design (B) designed
(C) is designed (D) designing
10. We need to consider the ____ implications of AI.
(A) ethic (B) ethical
(C) ethics (D) ethically

C. Listening - Go to learn.chparenting.com to listen

1. 新的 AI 工具引發了什麼擔憂?
(A) The AI tool helps teachers grade.
(B) An AI tool can write essays, raising concerns.
(C) AI tools are now required in schools.
2. 這款手機有什麼特色?
(A) The phone has a 100-megapixel camera.
(B) The phone has a foldable screen and 48-hour battery.
(C) The phone costs 25,000 NT dollars.
3. 網路安全報告顯示什麼?
(A) Phishing emails decreased.
(B) Phishing emails increased by 60%.
(C) Only businesses are affected.
4. 關於自動駕駛汽車的現況?
(A) Self-driving cars are already common.
(B) Self-driving cars are being tested with some concerns.
(C) The technology has no safety issues.

5. 公司宣布了什麼投資計畫?

- (A) The company will invest in social media.
- (B) The company will invest 10 billion in quantum computing.
- (C) Quantum computers already exist everywhere.

D. Reading - Go to [learn.chparenting.com](https://www.learn.chparenting.com) to read the passage

1. What is AI transforming?

- (A) Only entertainment
- (B) Nearly every aspect of our lives
- (C) Only transportation
- (D) Only healthcare

2. What percentage of jobs could be automated by 2030?

- (A) 10%
- (B) 20%
- (C) 30%
- (D) 50%

3. What is a concern about AI in education?

- (A) It makes learning too easy
- (B) Data privacy and digital divide
- (C) Teachers will be replaced
- (D) Students become lazy

4. What ethical concern is mentioned?

- (A) AI might reinforce biases
- (B) AI is too expensive
- (C) AI is too slow
- (D) AI needs too much power

5. What does the author suggest?

- (A) Stop developing AI
- (B) Develop regulations and ethical guidelines
- (C) Only use AI in business
- (D) Let AI govern itself

