ARTIFICIAL INTELLIGENCE (AI)

Understanding the Technology Shaping Our Future

Artificial Intelligence (AI) is becoming one of the most influential technologies in the modern world. **AI** refers to computer systems that can perform tasks normally requiring human intelligence, such as learning, problem-solving, recognizing patterns, and making decisions.

AI IS ALREADY BEING USED IN MANY AREAS OF DAILY LIFE.

IN EDUCATION

AI-powered programs can provide personalized learning experiences and help students study at their own pace.

IN HEALTHCARE

AI assists doctors in diagnosing diseases and analyzing medical data more accurately.

IN TRANSPORTATION

Transportation systems also benefit from AI through smart traffic management and the development of self-driving vehicles.

DESPITE THESE ADVANTAGES, AI ALSO RAISES SEVERAL CONCERNS.

Some people worry that **automation may replace certain jobs**, especially those involving repetitive tasks.

Others are concerned about **privacy**, **data security**, and the **ethical use** of technology.

As AI becomes more powerful, governments and organizations must develop policies to ensure that it is **used responsibly**.

EXPERTS BELIEVE THAT DIGITAL LITERACY AND CRITICAL THINKING SKILLS WILL BECOME INCREASINGLY IMPORTANT IN THE FUTURE.

People need to understand how AI works and how it can affect society.

Rather than replacing humans completely, many researchers argue that **AI should be viewed as a tool** that helps people work more efficiently and **solve complex problems**.

ALTHOUGH CHALLENGES REMAIN,

AI has the potential to **improve productivity**, **support innovation**, and **enhance quality of life**.

Its future impact will depend on how individuals, organizations, and governments choose to **use** and **regulate** this technology.

Source Adapted from: UNESCO – Artificial Intelligence and Education, OECD – Artificial Intelligence Overview

LIVEWORKSHEETS

KWL Worksheet: Artificial Intelligence (AI) and Its Impact on Our World

Directions:

1. Write what you already know about Artificial Intelligence (AI) in Column K.
2. Write what you want to know about Artificial Intelligence (AI) in Column W.
3. Write what you have learned about Artificial Intelligence (AI) in Column L.

K	W	L
What do I know?	What do I want to know?	What did I learn?

LIVEWORKSHEETS

Mind Mapping
Artificial Intelligence (AI)
and Its Impact on Our World

Directions: Complete the mind map using the information from the passage.

Artificial Intelligence (AI) and Its Impact on Our World

1. What is AI?

- .....
- .....
- .....

2. Where is AI Used?

- .....
- .....
- .....

Education

Healthcare

Transportation

3. Advantages of AI

- .....
- .....
- .....

4. Concerns and Challenges

- .....
- .....
- .....

Job Displacement

Privacy & Data Security

Ethical Use

5. The Future and What We Need

- .....
- .....
- .....

> AI is a powerful tool that can **improve** productivity, **support** innovation, and **enhance** quality of life. Its future impact will depend on how individuals, organizations, and governments choose to **use** and **regulate** this technology.

Be informed. | Be safe. | Be responsible. | Be AI minded!

LIVEWORKSHEETS

ใบกิจกรรมที่ 3
Artificial Intelligence (AI)
Reading & Summarizing

Part A: Reading Comprehension

Directions: Read the passage and fill in the blanks with the correct words from the list below.

learning	transportation	solve	replace	policies
technology	decisions	responsibly	healthcare	society
privacy	tools	patterns	productivity	innovation

Artificial Intelligence (AI) is becoming one of the most influential (1) _____ in the modern world. AI refers to computer systems that can perform tasks normally requiring human intelligence, such as (2) _____, problem-solving, recognizing (3) _____, and making (4) _____.

AI is already being used in many areas of daily life. In education, AI-powered programs can provide personalized (5) _____ experiences and help students study at their own pace. In (6) _____, AI assists doctors in diagnosing diseases and analyzing medical data more accurately. (7) _____ systems also benefit from AI through smart traffic management and the development of self-driving vehicles.

Despite these advantages, AI also raises several concerns. Some people worry that automation may (8) _____ certain jobs, especially those involving repetitive tasks. Others are concerned about (9) _____, data security, and the ethical use of technology. As AI becomes more powerful, governments and organizations must develop (10) _____ to ensure that it is used (11) _____.

Experts believe that digital literacy and critical thinking skills will become increasingly important in the future. People need to understand how AI works and how it can affect (12) _____. Rather than replacing humans completely, many researchers argue that AI should be viewed as (13) _____ that helps people work more efficiently and solve complex problems.

Although challenges remain, AI has the potential to improve (14) _____, support (15) _____, and enhance quality of life. Its future impact will depend on how individuals, organizations, and governments choose to use and regulate this (16) _____.

Part B: Summary Writing

Directions: Write a short summary of the text in 3–5 sentences. Include the main points below.

Include:
- What is AI
- Where it is used
- Benefits of AI
- Concerns or challenges
- The future of AI

1. .....
2. .....
3. .....
4. .....
5. .....

LIVEWORKSHEETS