

# ARTIFICIAL INTELLIGENCE IN EVERYDAY LIFE

## 6TH, 7TH, 8TH GRADE READING

Improve students'  
literacy skills

Sub Plan

Science Applicability



## Reading Comment

“

★★★★★ Extremely satisfied - Great resource to work on student reading comprehension and it tied into the topic I was teaching. My students have been struggling with reading and I've been incorporating more reading into my lessons. Thank you for the resource.

”

**SCROLL**  
to take a look inside!

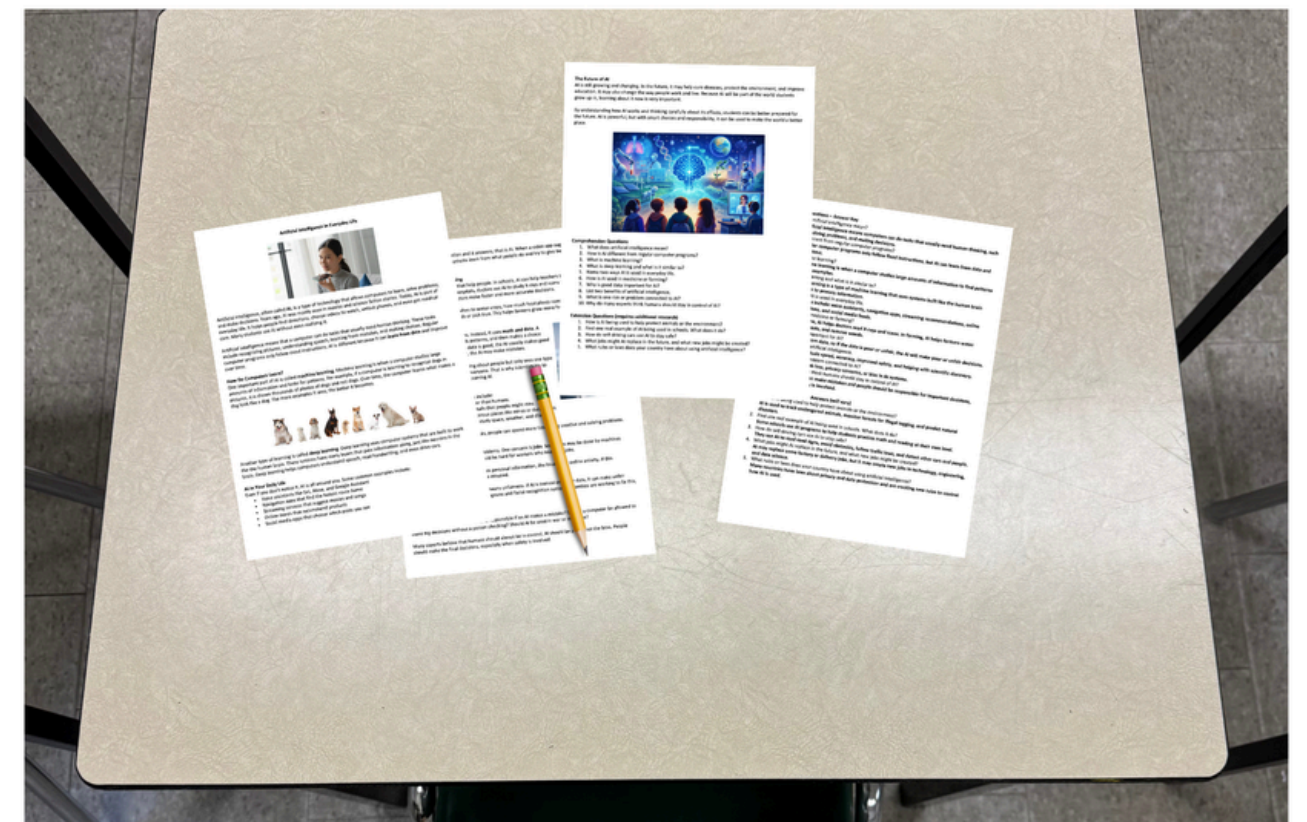


# THE PROBLEMS YOU FACE

- Limited time to teach scientific literacy and strengthen students' reading and analysis skills.
- Need meaningful extension activities to engage fast-moving learners.
- Difficulty creating effective last-minute sub plans that still support student learning.

## NO-PREP - PRINT/UPLOAD

- Questions and Answer Key
- **No Prep, Ready-to-Use:** Print or assign digitally with Google Docs, Microsoft Word, and PDF formats for flexible classroom use
- **Includes Varied Question Types:** Knowledge, thinking, connecting, application, and open-ended questions.



# What Will Your Students Learn?

## READING COMPREHENSION ARTICLE & QUESTIONS

- What Is Artificial Intelligence?
- How Machines Learn (Machine Learning & Deep Learning)
- AI in Everyday Life
- AI in Medicine, Education, and Farming
- Benefits of Artificial Intelligence
- Risks and Challenges of AI
- Ethical Questions About AI
- AI and the Future

Article with  
Comprehension  
Questions

6<sup>th</sup>, 7<sup>th</sup>, 8<sup>th</sup> Grade

Print & Digital

### Comprehension Questions

1. What does artificial intelligence mean?
2. How is AI different from regular computer programs?
3. What is machine learning?
4. What is deep learning and what is it similar to?
5. Name three examples of AI in everyday life.
6. How does AI help in medicine?
7. Why is AI important in education?
8. List three risks of AI.
9. What are the ethical questions about AI?
10. What is the future of AI?

### Extension

1. How does AI help in everyday life?
  2. Find three examples of AI in everyday life.
  3. How does AI help in medicine?
  4. Why is AI important in education?
  5. What are the risks of AI?
- Artificial intelligence, often called AI, is a type of technology that allows computers to learn, solve problems, and make decisions. Years ago, AI was mostly seen in movies and science fiction stories. Today, AI is part of everyday life. It helps people find directions, choose videos to watch, unlock phones, and even get medical care. Many students use AI without even realizing it.
- Artificial intelligence means that a computer can do tasks that usually need human thinking. These tasks include recognizing pictures, understanding speech, learning from mistakes, and making choices. Regular computer programs only follow exact instructions. AI is different because it can **learn from data** and improve over time.
- How Do Computers Learn?**  
One important part of AI is called **machine learning**. Machine learning is when a computer studies large amounts of information and looks for patterns. For example, if a computer is learning to recognize dogs in pictures, it is shown thousands of photos of dogs and not dogs. Over time, the computer learns what makes a dog look like a dog. The more examples it sees, the better it becomes.
- Another type of learning is called **deep learning**. Deep learning uses computer systems that are built to work like the human brain. These systems have many layers that pass information along, just like neurons in the brain. Deep learning helps computers understand speech, read handwriting, and even drive cars.
- AI in Your Daily Life**  
Even if you don't notice it, AI is all around you. Some common examples include:
- Voice assistants like Siri, Alexa, and Google Assistant
  - Navigation apps like Google Maps
  - Social media algorithms that show you the fastest route
  - Online shopping recommendations
  - Spam filters
  - Self-driving cars
- Which of these do you use most often?

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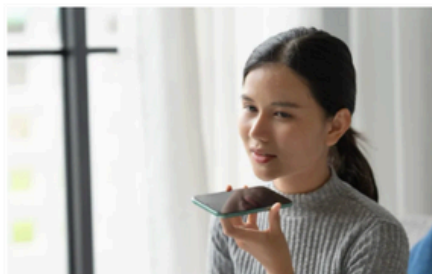
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# Your Reading

## Artificial Intelligence in Everyday Life



Artificial intelligence, often called **AI**, is a type of technology that allows computers to think and make decisions. Years ago, AI was mostly seen in movies and science fiction. Now, it's part of our everyday life. It helps people find directions, choose videos to watch, and even take care of their health. Many students use AI without even realizing it.

Artificial intelligence means that a computer can do tasks that usually need human thinking, such as recognizing pictures, understanding speech, learning from mistakes, and making decisions. Computer programs only follow exact instructions. AI is different because it can learn from examples and make decisions over time.

### How Do Computers Learn?

One important part of AI is called **machine learning**. Machine learning is when a computer studies large amounts of information and looks for patterns. For example, if a computer is shown thousands of photos of dogs and not dogs. Over time, it learns to tell the difference between a dog and a cat. The more examples it sees, the better it becomes.



Another type of learning is called **deep learning**. Deep learning uses computers that work like the human brain. These systems have many layers that pass information from one layer to the next. Deep learning helps computers understand speech, read handwriting, and even drive cars.

### AI in Your Daily Life

Even if you don't notice it, AI is all around you. Some common examples include:

- Voice assistants like Siri, Alexa, and Google Assistant
- Navigation apps that find the fastest route home
- Streaming services that suggest movies and songs
- Online stores that recommend products
- Social media apps that choose which posts you see

When you ask your phone a question and it answers, that is AI. When a video app suggests what to watch, that is also AI. These systems learn from what people do and try to give better recommendations over time.

### AI in School, Medicine, and Farming

AI is also used in important areas that help people. In schools, AI can help teachers track student progress and suggest activities for learning. In hospitals, doctors use AI to study X-rays and scans to find problems like bones or cancer. This can help doctors make faster and more accurate decisions.

On farms, AI helps farmers know when to water crops, how much food plants need, and when to harvest. Some machines use AI to pull weeds or pick fruit. This helps farmers grow more food and save time.

### How Does AI Make Decisions?

AI does not think or feel like humans. Instead, it uses **math and data**. A computer looks at information, finds patterns, and then makes a choice based on what it has learned. If the data is good, the AI usually makes good choices. If the data is poor or unfair, the AI may make mistakes.

For example, if an AI system is learning about people but only sees one type of person, it may not work well for everyone. That is why scientists try to use many different examples when training AI.

### Benefits of Artificial Intelligence

AI can be very helpful. Some benefits include:

- **Speed:** AI can work much faster than humans.
- **Accuracy:** AI can find small details that people might miss.
- **Safety:** AI can be used in dangerous places like mines or during fires.
- **Discovery:** Scientists use AI to study space, weather, and diseases.

By letting AI do boring or repeated tasks, people can spend more time being creative and doing important work.

### Challenges and Risks

Even though AI is helpful, it also has problems. One concern is **jobs**. Some jobs may be replaced by AI in the future. This could be hard for workers who lose their jobs.

Another concern is **privacy**. AI often uses personal information, like location or online activity. If this information is not protected, it could be misused.

There is also the problem of **bias**. Bias means unfairness. If AI is trained on unfair data, it will make unfair choices. This has happened in hiring programs and facial recognition systems. Scientists are working to fix this, but it is still a challenge.

### Big Questions About AI

AI raises important questions. Who is responsible if an AI makes a mistake? Should a computer make big decisions without a person checking? Should AI be used in war or medicine?

Many experts believe that humans should always be in control. AI should be a tool, not a replacement for humans, especially when safety is involved.

### The Future of AI

AI is still growing and changing. In the future, it may help cure diseases, protect the environment, and improve education. It may also change the way people work and live. Because AI will be part of the world students grow up in, learning about it now is very important.

By understanding how AI works and thinking carefully about its effects, students can be better prepared for the future. AI is powerful, but with smart choices and responsibility, it can be used to make the world a better place.



### Comprehension Questions

1. What does artificial intelligence mean?
2. How is AI different from regular computer programs?
3. What is machine learning?
4. What is deep learning and what is it similar to?
5. Name two ways AI is used in everyday life.
6. How is AI used in medicine or farming?
7. Why is good data important for AI?
8. List two benefits of artificial intelligence.
9. What is one risk or problem connected to AI?
10. Why do many experts think humans should stay in control of AI?

### Extension Questions (requires additional research)

1. How is AI being used to help protect animals or the environment?
2. Find one real example of AI being used in schools. What does it do?
3. How do self-driving cars use AI to stay safe?
4. What jobs might AI replace in the future, and what new jobs might be created?
5. What rules or laws does your country have about using artificial intelligence?

### Questions – Answer Key

1. What does artificial intelligence mean?

**Artificial intelligence means computers can do tasks that usually need human thinking, such as solving problems, and making decisions. It is different from regular computer programs.**

2. What is machine learning?

**Machine learning is when a computer studies large amounts of information to find patterns from examples.**

3. What is deep learning and what is it similar to?

**Deep learning is a type of machine learning that uses systems built like the human brain with many layers to process information.**

4. Name two ways AI is used in everyday life.

**Examples include voice assistants, navigation apps, streaming recommendations, online shopping suggestions, and social media feeds.**

5. How is AI used in medicine or farming?

**In medicine, AI helps doctors read X-rays and scans. In farming, AI helps farmers water crops and harvest.**

## Answer Key Included Office, Google, and PDF Versions

6. How do self-driving cars use AI to stay safe?

**Self-driving cars use AI to stay safe by reading road signs, avoiding obstacles, following traffic laws, and detecting other cars and people.**

7. What might AI replace in the future, and what new jobs might be created?

**AI might replace some factory or delivery jobs, but it may create new jobs in technology, engineering, and science.**

8. What rules or laws does your country have about using artificial intelligence?

**Many countries have laws about privacy and data protection and are creating new rules to control AI.**

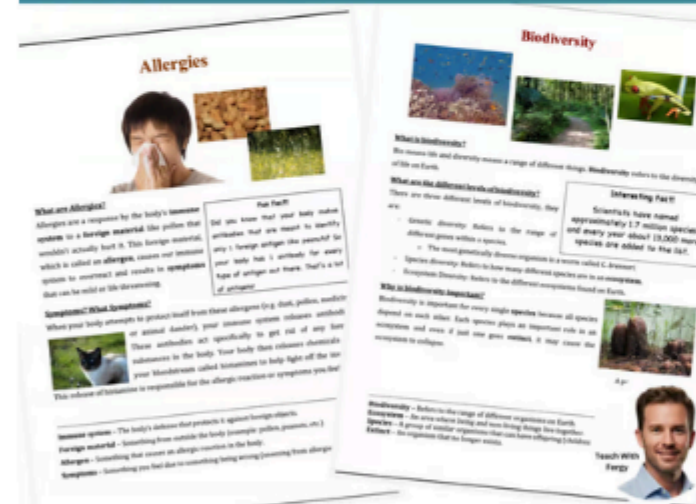


## Comprehension and Extension Questions

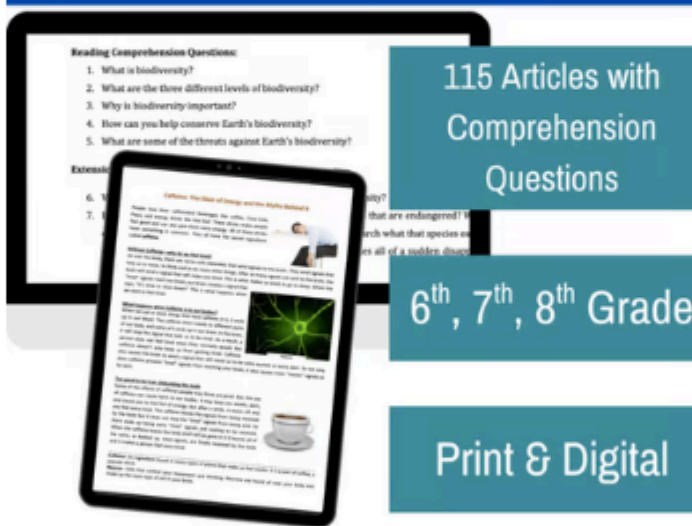
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## READING COMPREHENSION ARTICLE & QUESTION MEGA BUNDLE



## CLASSROOM READY

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115 Articles with  
Comprehension  
Questions

6<sup>th</sup>, 7<sup>th</sup>, 8<sup>th</sup> Grade

Print & Digital



★★★★★ Extremely satisfied - So many comprehensive readings for all science fields. PDF and DOCX versions included so they can be edited if needed. Each one includes short answer questions at the end, the first set are easy to find the answers to in the readings, the second set require a bit more critical thinking. Includes an answer key. Great to use to fill in time or for sub plans.

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