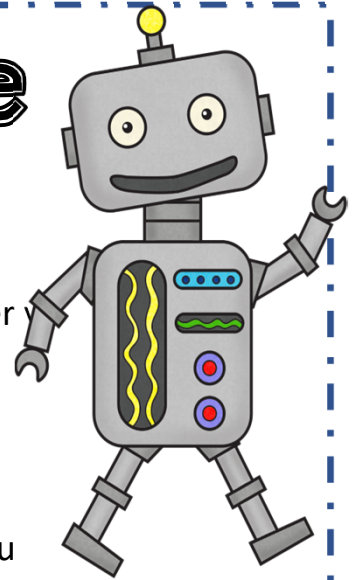


4

Artificial Intelligence



In a world where robots and smart machines are no longer just in movies, artificial intelligence, or AI for short, is a big deal. It's like having a robot friend who can think and learn! It's like a device that can play chess, answer our questions, or even drive a car all by itself. That's AI in action.

AI is smart, but not like a human. It's smart because it can look at lots of information and make decisions based on what it has learned. It's like if you read every book in the library and remembered every single word. AI can do that with information!

AI can do jobs that might be too dangerous for people, like exploring deep underwater or going into space. It can also help doctors find out what's making someone sick by looking at pictures of the inside of their body. And for fun, AI can create new video games or help you find the perfect movie to watch on a rainy day.

But, just like a coin has two sides, AI has its cons too. Sometimes, AI might make a mistake, and because it's not human, it won't understand why it's a big deal. Also, if we let AI do all the work, people might forget how to do those jobs themselves. It's important to remember that AI is a tool to help us, not replace us.

Another tricky thing is that AI needs to be taught by humans, and sometimes, humans can make mistakes. If the person teaching AI isn't careful, the AI might learn the wrong things. It's like learning how to bake cookies from someone who forgets the sugar. The cookies wouldn't be very sweet!

AI is amazing, but it's up to us to use it wisely. We need to make sure we're still learning and doing things ourselves, not just letting the robots have all the fun. And we have to check that the AI is learning the right things, so it can be the best helper possible.

1. Read the passage and underline any word or sentence you struggled with.
2. Answer the questions on the following page.

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Artificial Intelligence

Answer according to the reading passage:

1. Why is AI smart?

- a. it has a large memory
- b. smart people made it
- c. it looks at lots of information

2. How can AI help doctors?

- a. it can diagnose
- b. it can provide medicine
- c. it can find out what makes people sick

3. What is a con about AI

- a. it is not human
- b. it can make a mistake
- c. both of above

4. How is AI taught?

- a. books
- b. humans
- c. the internet

5. AI can make mistakes:

- a. true
- b. false

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Artificial Intelligence Open Response Questions

Open Response Questions for Thinking Skills:

1. Inferring
2. Making Connections
3. Summarizing
4. Visualizing

1. How might AI change jobs in the future?
 2. What are the pros and cons (strengths and limitations) of AI?
 3. Write 5 statements about AI
 4. Describe a new AI application that you would like to see.
- How can humans make sure AI learns the right things?
 - Develop a pet using AI, what would it be like?
 - Could AI ever have feelings like humans? why or why not?
 - How could AI solve real life problems?
 - Predict some of the things AI will be able to do in the future.
 - Why is it important for humans to keep learning even though we can use AI for many of our answers and problems.