



AI Adventures:
Exploring the World of Smart Machines
STUDENT GUIDE

LESSON 6

Shaping the Future



**JA
Canada**

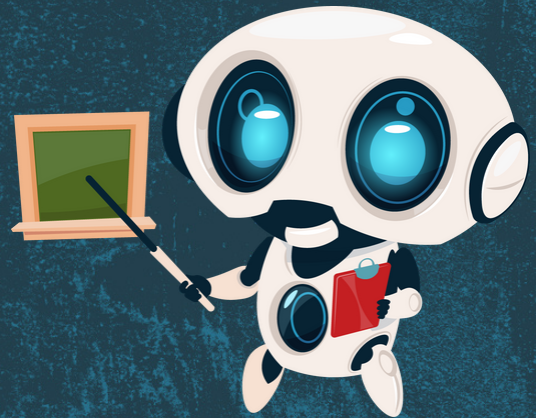
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Lesson 6:

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OVERVIEW

What will the world look like with even smarter AI? In this lesson, you'll time-travel to the future. You will see the amazing things AI might do and learn how you can help make sure it's a future that's awesome for everyone.



KNOWLEDGE CHECK

Place a check mark (✓) next to the correct answer.

1. A company is creating a new helper robot for the home. What is the MOST important "rule" they should teach it to make sure it is safe and helpful?

- ☐ a) The robot must always protect the family's privacy and never share their information.
- ☐ b) The robot must always know how to tell a good joke.
- ☐ c) The robot must always be able to win at board games.
- ☐ d) The robot must always be painted in a cool color.

2. The video explains that some jobs might be done by robots in the future, but cool new jobs will also be created. Which of these could be a new job for a person in the future?

- ☐ a) A person who watches TV all day.
- ☐ b) A person who unplugs all the robots at night.
- ☐ c) A person who teaches robots how to be fair and kind.
- ☐ d) A person who tells the robots what they did wrong all day.

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REFLECTION ACTIVITY: FUTURE AI INVENTOR

Mission:

Design a brand-new AI that could help make the world a better place.



1. What is the problem?

Think of a problem at your school, in your community, or in the world.

2. Draw Your Invention:

In the box below, draw what your AI looks like. Give it an awesome name!

3. Explain How it Works:

What does your AI do to help solve the problem?

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LESSON 6 ANSWER KEY

1. a

2. c



GLOSSARY

Artificial Intelligence (AI): A technology that gives computers and robots a 'brain' to think, learn and solve problems in a way similar to, but different from, the human brain.

Automation: When a computer or robot can do tasks on its own without being told every time, like a robot vacuum cleaning the floor.

Ethics: The rules or ideas that help us decide what is right and wrong. For AI, it means making sure it is used in a way that is fair, safe, and helpful to people.

