



Teacher Resource

Future of Work

Focus Questions

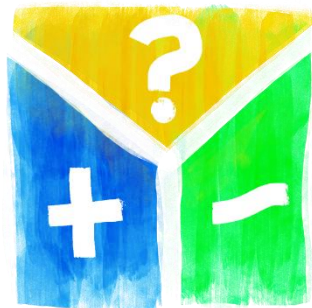
Discuss the BTN story as a class and record the main points of the discussion. Students will then respond to the following:

1. What was the job of a knocker upper?
2. What topics were discussed at last week's National Jobs and Skills summit? Give at least one example.
3. What is automation?
4. What does AI stand for?
5. What year do experts think that AI technology could replace up to half of the work that is done today?

Activity: Note taking

Students will practise their note-taking skills while watching the BTN Future of Work story. After watching the story, ask students to reflect on and organise the information into three categories. What information in the story was...?

- Positive
- Negative or
- Interesting



Activity: Class Discussion

Discuss the BTN Future of Work story as a class. What questions do students have about the story? Use the following questions to help guide discussion:

- Think of a job that used to exist but doesn't now.
- What impact has technology had on jobs changing?
- What is artificial intelligence?
- What are some examples of artificial intelligence?
- Which jobs may be done by robots in the future?
- Give an example of a job that will change in the future?
- In pairs, brainstorm a list of jobs that haven't been invented yet.
- Experts say that kids are going to have lots of different jobs over their working life. Do you like the idea of doing lots of jobs over your lifetime? Give reasons for your answer.



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KEY LEARNING

Students will explore jobs of the future and the role Artificial Intelligence will play.

CURRICULUM

Science – Year 4

Science Knowledge helps people to understand the effect of their actions.

Science – Year 5 & 6

Scientific knowledge is used to solve problems and inform personal and community decisions.

Activity: Glossary

Students will brainstorm a list of key words that relate to the BTN Future of Work story. Here are some words to get them started.

ARTIFICIAL INTELLIGENCE	AUTOMATION	CAREER
EMPLOYMENT	MEGATRENDS	ROBOT

Activity: Inquiry Research

After watching the BTN Future of Work story, hold a discussion to encourage students to engage with the topic and learn more about the future of jobs and the role artificial intelligence might have. What questions were raised in the discussion and what are the gaps in students' knowledge? The following KWLH organiser provides students with a framework to explore their knowledge on this topic.

What do I <u>k</u> now?	What do I <u>w</u> ant to know?	What have I <u>l</u> earnt?	<u>H</u> ow will I find out?

Students will develop their own question/s to research or choose one or more of the questions below. Encourage students to collect and record information from a wide variety of sources and present the information they find in an interesting way.

- How do you think artificial intelligence will impact on the future of work?
- How can artificial intelligence be used in creative jobs?
- Are there any jobs that *shouldn't* use AI? Why?
- How can we prepare for artificial intelligence?
- Find out the jobs your parents and grandparents have had. What was surprising? Share with another student.
- Choose a job you would like to know more about. Research the job and present the information to a small group or class.

Activity: Could a robot do your job?

Look at the ABC interactive [Could a robot do your job?](#) then respond to the following:

- Choose five jobs to search for and record what percentage is more likely to be automated. Record some of the tasks that could be automated. Which tasks will still need to be done by humans?
- Which jobs face the biggest risk of automation? Which face the lowest risk of automation?
- What was the most surprising thing you learnt?



BTN Stories

As a class watch one or more of the following BTN stories to learn about the future of jobs and the impact of artificial intelligence on work. After watching any one of the BTN videos ask students to respond to the discussion questions (to find the discussion questions and teacher resources go to the related BTN Classroom Episode and download the Episode Package).



[Future Jobs](#)



[Robot Jobs](#)



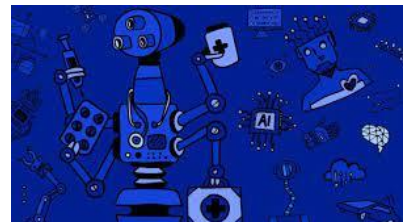
[Future Careers](#)



[Artificial Intelligence Jobs](#)



[Sentient AI](#)



[Robot Revolution](#)

Useful Websites

- [National jobs summit a chance for Australia to hit reset on artificial intelligence, say business leaders](#) – ABC News
- [Women in industries under threat from AI and automation urged to `upskill`](#) – ABC News
- [Future Jobs](#) – BTN
- [Artificial Intelligence](#) – BTN
- [Robot Jobs](#) – BTN