

**CYBER SAFETY PROJECT**

# CURRICULUM SUBSCRIPTION

**7-8 LESSON SAMPLE**



**FIND OUT MORE**

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## LEARNING FOCUS

The technology available and the ability of machines today is only the tip of the iceberg in an area that is expected to grow and develop dramatically in the years to come. It is important that we can evaluate the uses of Artificial Intelligence (AI) and how to appropriately use the technology in our lives.

In this lesson, students will reflect on their knowledge of AI and how they can use it appropriately throughout their education.

## LEARNING AREA OUTCOMES MET



Design and Technologies



Digital Technologies

## GENERAL CAPABILITY OUTCOMES MET



Critical & Creative Thinking



Digital Literacy



Ethical Understanding

## LEARNING INTENTION

We are learning to evaluate the purpose and uses of Artificial Intelligence in our lives.

## SUCCESS CRITERIA

I can describe what Artificial Intelligence is.

I can identify advantages and disadvantages of using Artificial Intelligence.

I can evaluate the use of Artificial Intelligence in the life of a student.

## ACTIVITY RESOURCES

- + 'Agree-O-Meter' worksheet
- + 'Traffic Lights' worksheet



**SUSTAINABILITY TIP** Print the 'Agree-O-Meter' and 'Traffic Lights' activities back-to-back to save paper.

## LESSON SEQUENCE

## TUNE THEM IN

1. Read the following information to the class:  
*Artificial Intelligence is the ability for machines (for example, computer systems) to replicate and simulate human intelligence.*
2. Ask students to complete a 3 - 5 minute 'brain dump'. This is where students record all their thoughts and ideas about a particular topic - in this case, Artificial Intelligence. Encourage students to record in words, pictures, mind maps.
3. Share student responses in either small groups or as a class. Students may try to group similar responses into categories.

## LET THEM LEARN

1. Lead an open forum discussion asking students to consider all the advantages and disadvantages to them having access to and using Artificial Intelligence.

Some examples could include:

## Advantages:

- Can assist in research and help students understand content in a simple way.
- Can make education more accessible for students with a disability (e.g. text to speech).
- Can act as a tutor to help students learn.
- Can provide feedback on work.
- Can improve the user experience (e.g. AI in GPS can improve driver experience).
- Automation and efficiency - jobs may be able to be done more quickly through machines.

## Disadvantages:

- Students are unable to develop human skills such as empathy and positive relationships if only learning from a machine.
- AI information comes from existing data which may have a particular bias (e.g. only reflecting the views of some population groups).
- AI may not always have accurate data.
- Students may rely on this for their learning, and are less likely to use their own cognitive skills.
- Data security systems may be jeopardised.
- Job security - jobs may be taken by AI machines.
- Unequal access - not every person can access AI which means there may be inequalities for using AI in population groups.

2. Using the information from the open forum discussion, students complete the Agree-O-Meter worksheet.

## TAKE THEM FURTHER

Does your school have an AI policy for learning and assessment? Ask students to consider where AI could or could not be used in their learning, using the 'Traffic Lights' resource to help consolidate their thinking.

## ROUND IT OUT

Use the following thinking routine to end the class:

- 3 things I have learnt are...
- 2 questions I still have are...
- 1 thing that has challenged my thinking is...

.....

Agree-O-Meter

.....



SHOULD ACCESS TO AI  
BE BANNED IN SCHOOLS?



1. FILL EACH OF THE RECTANGLES WITH ARGUMENTS FOR AND AGAINST
2. THEN MARK ON THE AGREE-O-METER WHERE YOUR VIEW IS
3. EXPLAIN YOUR POSITION

SAMPLE ONLY

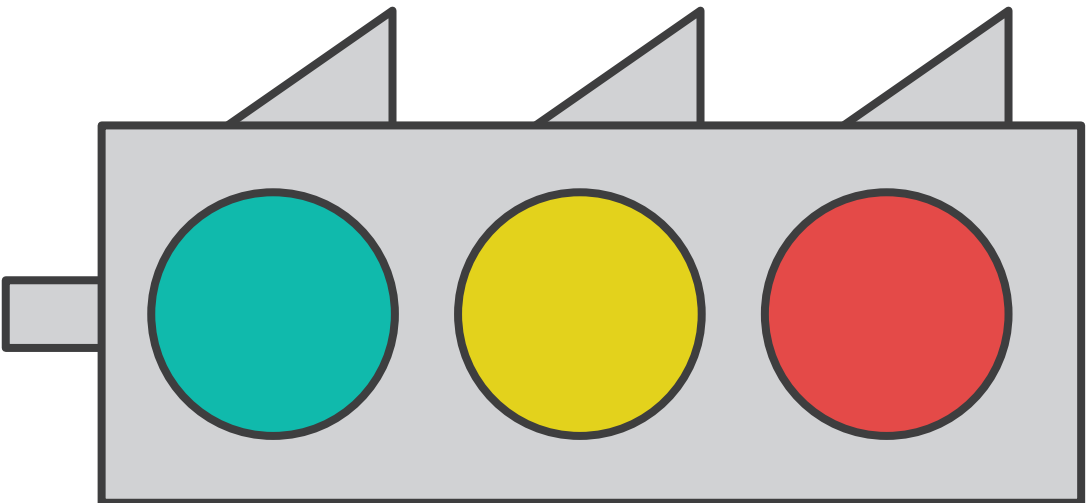
IN CONCLUSION...

AGREE

DISAGREE

CYBER SAFETY PROJECT

Traffic Lights



THESE TYPES OF LEARNING ACTIVITIES IN SCHOOLS SHOULD HAVE NO AI INVOLVEMENT AT ALL

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THESE TYPES OF LEARNING ACTIVITIES IN SCHOOLS COULD HAVE SOME AI INVOLVEMENT

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THESE TYPES OF LEARNING ACTIVITIES IN SCHOOLS SHOULD BE ALLOWED TO HAVE AI INVOLVEMENT

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