

Samsung Solve for Tomorrow Next Gen

Understanding AI: Exploring challenges and possibilities

Lesson Plan



Lesson Objective: For students to identify the benefits and challenges of AI and understand how to use it responsibly.



Overview: This lesson is designed to run flexibly. It can be used as one full session, or the activities can be used as standalone inserts in shorter lessons.

By the end of this lesson, students will be able to...

- **Identify** the benefits and challenges of AI
- **Explore** how to use AI responsibly in their daily lives

Skills used in this lesson:

Collaboration

Critical Thinking

Decision-making

Problem-Solving

Communication

Presentation

Lesson outline



1 - Lesson Starter (10 minutes) (slide 4)

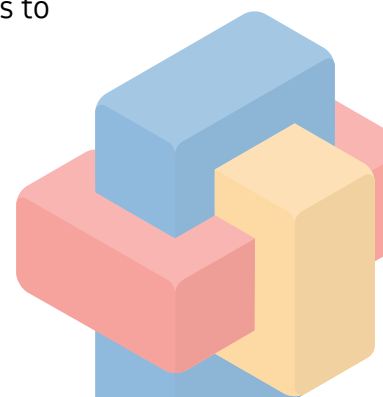
Ask students to think about the questions on the slide individually and list their ideas. Students then share their ideas with a partner, combining their responses and comparing definitions. Gather feedback from the class. Share the definitions (**slides 5 and 6**) and highlight that AI is lots of different things and as it evolves definitions will change. Show students the images of how AI is being used to create better experiences for people (**slides 8 to 11**).



2 - Discussion (20 minutes) (slides 12-13)

Create an “agree” and “disagree” space at opposite ends of the room.

Show the discussion statements on **slide 13** and ask students to position themselves in the area that represents their views, providing justification for their opinion. The statements will appear one at a time on the screen.

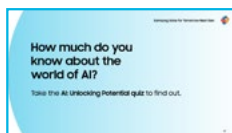


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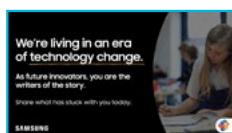
3 - Scenarios (30 minutes) (slides 14-19)

In groups, students go through the scenarios and use the discussion points to explore the benefits and risks associated with using AI in everyday life. Ask students to record their ideas to share with the rest of the class. Allow 5 minutes per scenario. If using the scenarios as a standalone activity, allow more time for discussion.



4 - Quiz to be completed as a class on the PowerPoint, (10 minutes) (slides -22-26) Alternatively, create a [Kahoot](#) or [Blooket](#) with the questions.

Students complete individually or in groups/ pairs.



5 - Reflection (5 minutes) (slide 27)

Ask students to think about the statement on the slide, reminding them that as the next generation of innovators, they play a key role in shaping the future of AI technology and society. Invite students to share what has stuck with them as in the lesson.

Resources:	Prep:
<ul style="list-style-type: none">Understanding AI: Exploring the potential PowerPointScenariosPost-it notes or large flipchart paperAI: Unlocking Potential Quiz	<ul style="list-style-type: none">Have access to a screen to share slides with the class.Place the "Agree" and "Disagree" signs at opposite sides of the classroom for the discussion activity or provide paper for students to create their own opinion lines.Print out scenario slides – students can focus on one and share their thoughts or complete all four if time allows.Provide post-it notes or large flipchart paper for students to jot down ideas from the discussion.

Supporting Resources:

For students:

- [Tips](#) on how to spot AI generated images.

For Parents and Carers:

- [Advice](#) on how to support your child with AI
- [A guide](#) to ChatGPT.
- [A beginner's guide](#) to different types of AI that your child might be using.

For teachers:

- AI for [Health](#)
- AI for [Education](#)
- AI for [Environment](#)
- AI for [Security](#)
- More resources for [Safer Internet Day 2025](#)
- How to [Protect Young People from Online Scams?](#)

