



MY AI CAMP WORKBOOK

NAME:



To learn more about our camp schedules, and enrolment details, please contact us via email at : **enroll@aicamp.com.au**



aicamp.com.au

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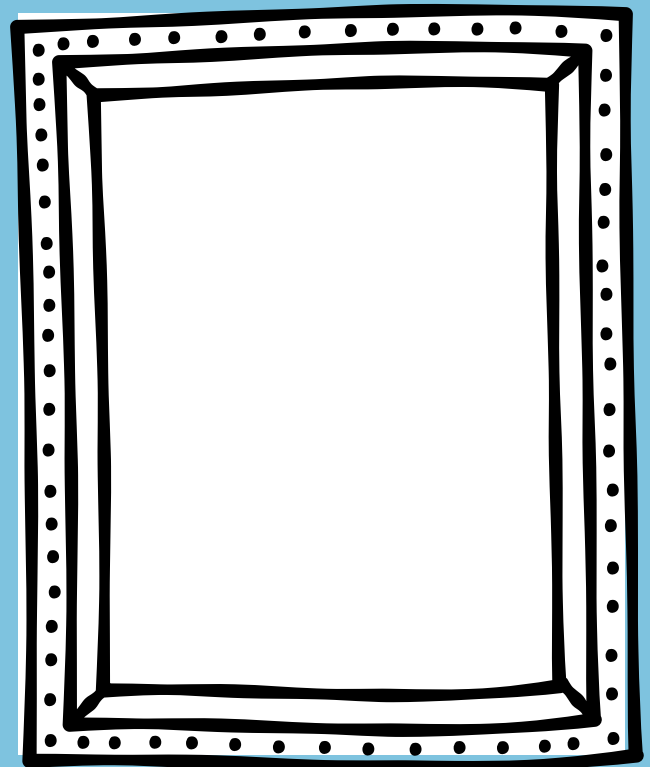
ALL ABOUT ME!



MY NAME IS

AND I AM YEARS OLD!

MY HOBBIES ARE



MY FAVOURITE COLOUR IS

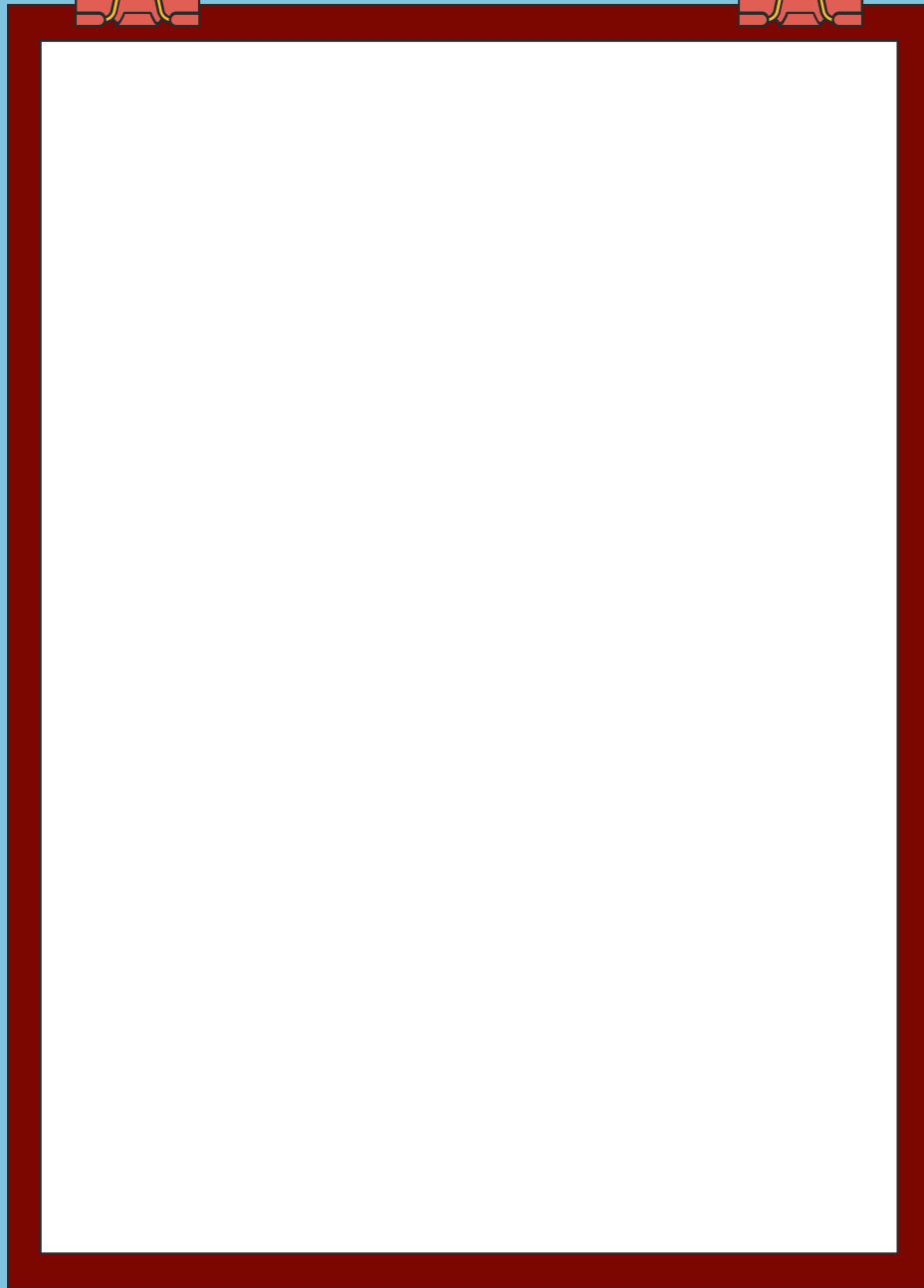

WHEN I GROW UP, I WANT TO





MY AI FRIEND

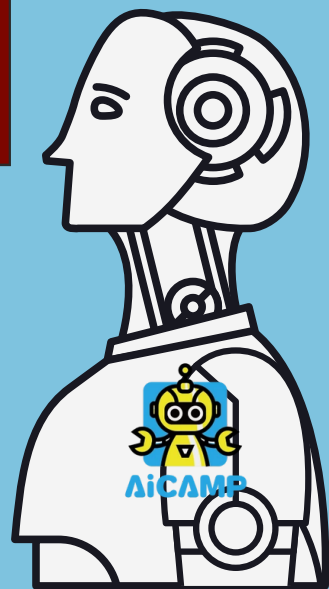
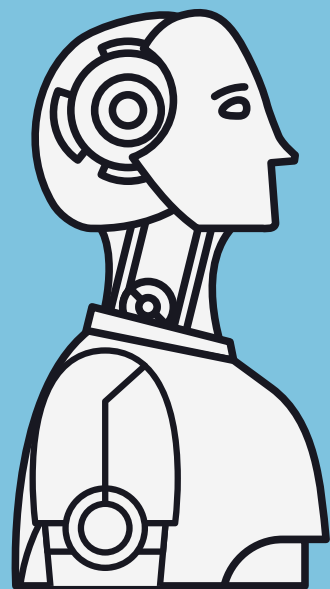
IF I HAD AN AI FRIEND ...



NAME:

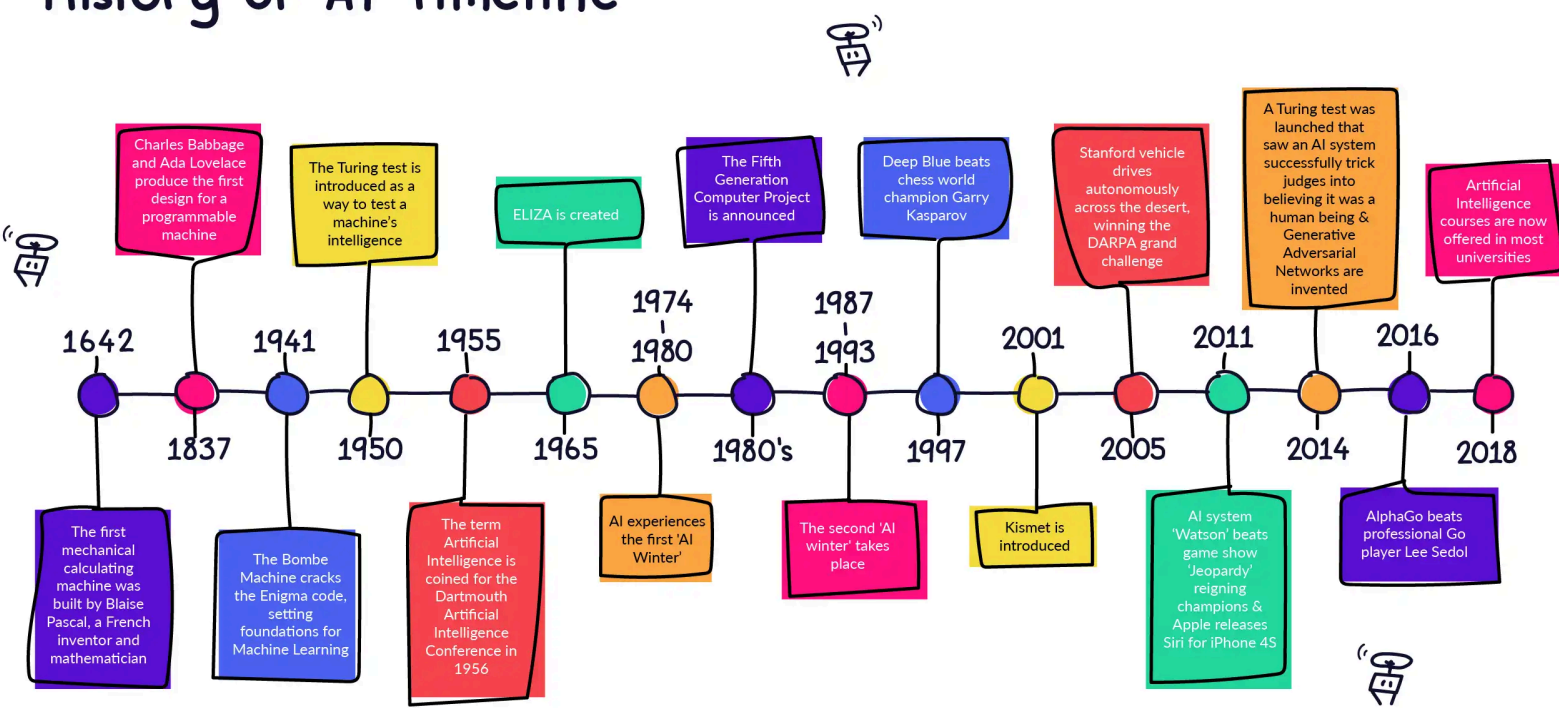
JOB:

SPECIAL POWER:





History of AI Timeline



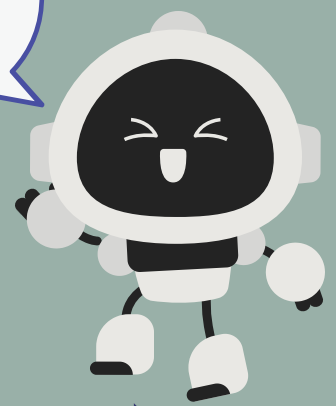
Codebots, 2020. [Timeline image illustrating the history of artificial intelligence]. Codebots. Available at: <https://codebots.com/artificial-intelligence/history-of-artificial-intelligence>

Today – AI is Everywhere! AI helps in schools, hospitals, games, music, and even helps scientists solve problems like climate change.



MY AI TIME MACHINE

Let's go on an adventure through AI's story.



Year	Event
1956	A. AI helps drive cars and answer questions
1980	B. Alan Turing asks "Can machines think?"
2010	C. AI learns using expert systems
1950	D. The word "Artificial Intelligence" is first used



PROMPTING

Good Prompting

Descriptive and Specific

Include Details:

Colours: "Golden wings" or "blue flames"

Actions: "Flying" or "dancing"

Style: "Realistic" or "cartoon"

Clear Focus:

Keep the idea small but detailed
(avoid too many extra things).

Bad Prompting

Is Not Descriptive and Specific

Overcomplicated

Too Vague

Lacks Style

A GOOD PROMPT TELLS THE AI EXACTLY WHAT YOU WANT
WHO, WHAT, WHERE, HOW, AND STYLE!

GOOD PROMPT EXAMPLE

Feature	Example
Descriptive	"A dragon with golden wings and glowing red eyes..."
Specific	"A dog chasing a red frisbee in the park under a bright blue sky."
Has a Style	"Drawn in a cartoon style" or "Make it look realistic like a photo."
Action Words	"Flying through clouds", "Sitting on a mountain", or "Dancing in the rain"

BAD PROMPT EXAMPLE

Overcomplicated:

"A robot in space and a dinosaur in the jungle and a fairy underwater"
That's too many things!

Too Vague:

"Make a cool animal" What animal? What makes it cool?

Lacks Style:

"Draw a tree" What kind? Real or cartoon?



Write Your Own AI Prompts!

Try filling in the blanks below to make your own awesome image generation prompts

Example: A unicorn with silver hooves, galloping through a snowy forest, drawn in a cartoon style.

A [creature] with [colour] [body part], [doing something] in a [place], drawn in a [style].

Example: A panda breakdancing while wearing sunglasses, in front of a graffiti wall, in a comic book style.

A [person or animal] [action] while wearing [clothing/feature], in front of a [background], in a [style].

Improve these bad prompts!

Bad prompts are too simple or unclear. A great prompt tells the AI exactly what you want, what it is, what it's doing, where it is, and how it looks.

Let's turn these weak prompts into strong ones by adding:
Colour, Setting, Action and Style

Bad Prompt	Better Prompt
"Draw a car"	A shiny red sports car racing through a desert road, drawn in a cartoon style
"Make a monster"	
"Make a robot"	
"Create a superhero"	
"Show a sunset"	
"Create a dragon"	

Design Your Own AI Story Scene!

You've learned how to write great prompts using descriptions, actions, style, and setting. Now it's time to use your imagination and become a story director!

Your Mission:

Create a detailed prompt that tells an AI to draw a scene from your own story. Think about:

- **Who** is in the scene?
- **What** are they doing?
- **Where** is it happening?
- **What** does it look like (style/colours)?

Step 1: Plan Your Scene

Use this table to plan your story scene:

Question	Your Answer
Who is in your scene?	(e.g. a robot cat, a flying unicorn...)
What are they doing?	(e.g. building, running, exploring...)
Where is it happening?	(e.g. jungle, moon, candy land...)
What does it look like?	(e.g. cartoon, pixel art, realistic...)



PROMPTING

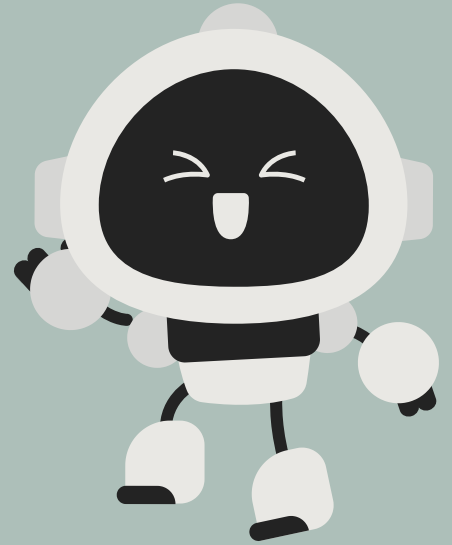
Step 2: Write Your Full Prompt

Now write your full prompt using all your ideas above!

"A [describe who] [what they are doing] in a [setting], drawn in [style] style with [colours/details]."

Example:

A robot cat riding a skateboard across a rainbow bridge in space, drawn in a cartoon style with glowing stars and neon colours.



PROMPT 1





PROMPT 2





Prompt, generate, print, cut out
and stick your image here!

Prompt, generate, print, cut out
and stick your image here!



What is Generative AI?

Generative AI is a special kind of computer program that can make new things all by itself, like:



Songs



Pictures



Stories

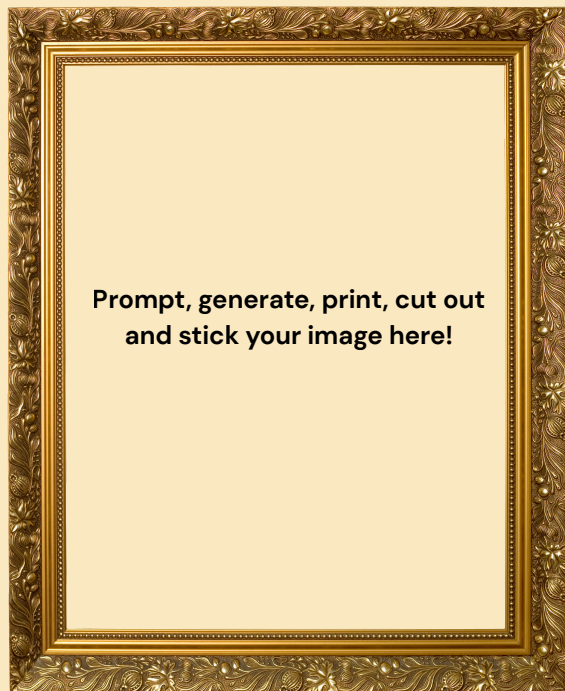
It works by using your ideas, like words, drawings, or sounds, and turns them into something fun and creative.

It's like having an assistant helper for your imagination!

My AI Picture, Let's Get Creative!

Today, you're the designer!

Come up with your own theme and create a picture using Kidgeni or Leonardo.ai with your teacher.



Step 1: Pick Your Theme

What will your picture be about?

Write your own theme below (e.g. animals, dreams, outer space, family fun):

My Theme Is: _____

Step 2: Write Your AI Prompt

Think back to Lesson 2, how do we write a good prompt for AI?

(Hint: Use describing words like colours, feelings, actions, and setting!)

Use the Template below or make your own!

My AI Prompt Template:

A _____ with _____ doing _____
surrounded by _____.

(Example: A happy cat with a party hat dancing on a rainbow, surrounded by balloons.)

My AI Prompt:

Step 3: Create Your Picture

Now use your prompt in the AI tool and generate your artwork!

What's Happening in Your Picture?

Describe your AI creation in 1–2 sentences:

What can we see in your picture? What is going on?

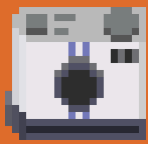
Did the picture turn out how you imagined it?

If you could change something, what would it be?

Would you use different words in your prompt? Would you add more detail?

What new prompt might you try next time?





AI AS AN ARTIST



AI Art vs Human Art

Look at the two pictures below. One was made by a human artist, and one was made by a computer (AI).

Can you tell the difference?

Sometimes, it's easy to tell if a picture was painted by a person.

Other times... not so much!

That's because AI (Artificial Intelligence) has learned how to make pictures that look real, creative, or even magical!

Which picture do you think was made by a human?

Which picture do you think was made by AI?

What is different about the two pictures?

(E.g., "This one looks softer...", "This one has lots of patterns...")

Do you like one better? Why or why not?



A.



Harryarts

B.



Photogenic

DID YOU KNOW?

- AI learns by looking at millions of pictures made by people.
- AI doesn't think or feel like humans do, but it can copy styles and combine ideas in new ways.
- A human artist might draw something from their heart or memory. An AI artist makes pictures using patterns and clues it has learned.

TIPS FOR SPOTTING AI ART!

- Look for odd details, like too many fingers or strange shadows
- See if anything looks too perfect or too random
- Trust your feelings, what does the artwork remind you of?



AI AS AN ARTIST

Make Music with AI

Explore how computers can help you write songs, make music, and share your feelings through sound!



Name Your Song!

Think of a fun, magical, or exciting name for your AI-made song.

My Song Name Is:

How Does AI Make Music?

AI music tools like Suno or AI Duet don't play instruments like people do. Instead, they:

- Listen to lots of songs (millions of them!)
- Learn patterns, like what sounds go well together
- Use your ideas (like typed words or notes)
- Mix everything together to make a brand new song!
- It's like having a robot music buddy that knows how to make a beat, write lyrics, and even sing!

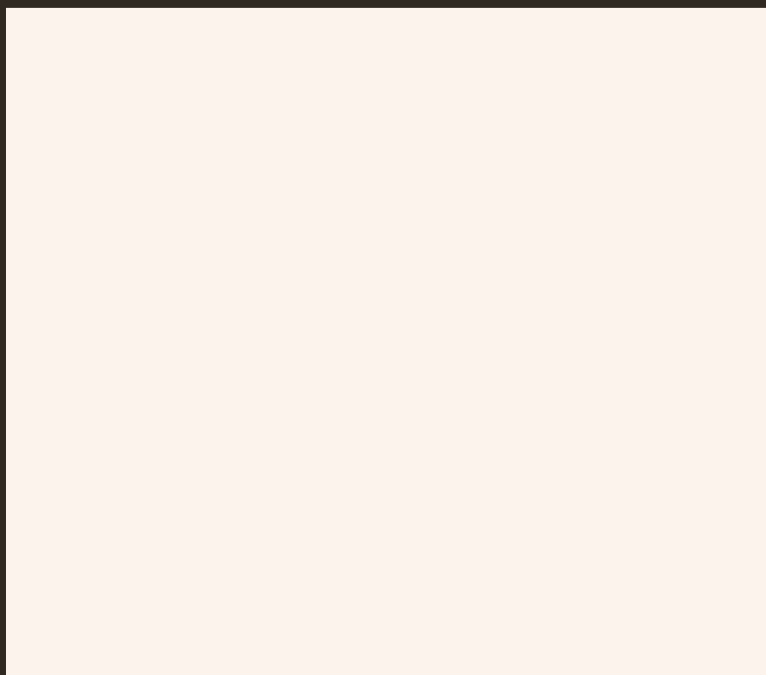
Write or Generate Your Song Lyrics

Write your own lyrics, use Suno AI to help you generate lyrics, or mix both!

Write a few lines of your song below:

A large rectangular area with horizontal blue lines for writing lyrics. In the top right corner, there is a hand-drawn illustration of a globe with stars around it. In the bottom left corner, there is a hand-drawn illustration of a rocket ship.

Design Your Album Cover



What Does Your Song Sound Like?

(e.g., happy, magical, calm, fast, spooky, dreamy, silly)



AI ART AND ETHICS

What is AI Art?

Hint: Think back to our discussion in class or flick back through your workbook!

Big Questions to Talk About

Tick the ones you want to talk about with your class!

- ☐ Should AI art be allowed in competitions?
- ☐ Is AI art real art?
- ☐ Will we still need people to make art in the future?
- ☐ What makes art special?

Creative Australia's Rules for Using AI in Art

Creative Australia is an organisation that supports artists and their creativity.

They believe AI can be helpful, but we must use it in a way that is kind, and respectful.

Here are their 4 important rules:

1. Give Credit and Fair Pay

Always say who made the original art, and make sure they are paid for their work is used.

2. Be Honest About AI Training

AI learns from art made by people. We should say where that art came from.

3. Respect Cultures

Some art is special to certain cultures (like Indigenous stories). We should ask before using it.

4. Be Kind to Creators

Treat all artists with respect, people work hard to make beautiful things.

Creative Australia says:

"Artists and creators must be acknowledged, respected, and fairly paid in the age of AI."

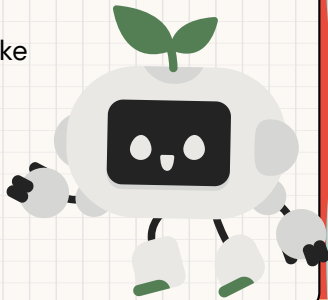
What is Ethics?

Ethics means doing what's right, fair, and kind, even when no one is watching.

It helps us answer questions like:

- Is this the fair thing to do?
- Am I being honest?
- Am I showing respect to others?

When we use AI to make pictures or music, we need to think about ethics so we don't hurt, copy, or ignore other people's work.



Let's Think Together

When you use AI to help make a picture or song, who should get the credit?

- Me, because I had the idea and gave the AI instructions
- The AI, because it made the image or sound
- The original artists, because their work helped train the AI
- The person who built the AI tool

I think the credit should go to:

Because:

Be Honest, Be Kind

If someone says, "Wow! Did you make that?" What's the honest and kind thing to say?

- Yes, and I used AI to help me!
- A robot made it.
- It's a secret.

My answer would be:

Create an AI Art Code of Kindness!

Let's help others be fair and kind when using AI to make art.

Write 3 short rules for a "Kind AI Artist" to follow.

You can use ideas from Creative Australia's rules, or come up with your own!

My AI Art Code of Kindness:

Which of your rules is the most important, and why?

AI & THE EARTH

What Did the Recycling Robot Do?

Answer the questions below with your great minds!

1. What was the robot doing with the rubbish?

2. How did the robot know where to put the rubbish?

3. What was the robot doing with the rubbish?

RUBBISH SORTING ROBOT

Just like the robot we are going to sort some rubbish too!

Draw a line to match the item with the bin:



Organics



Recycling



Waste

AI can be used to help the Earth!

AI isn't just smart, it's helpful too!

Here are some AMAZING ways AI is helping our planet every day:

River Cleaner Boat

What it does:

This clever boat floats on rivers and uses AI to find and pick up rubbish from the water.

How it helps:

Stops rubbish from reaching the ocean
Saves fish, turtles, and birds from eating plastic
Keeps water clean for people and animals

Did you know?

Some AI boats can clean up hundreds of kilograms of waste every day, using solar power too!



Wildlife Cameras

What it does:

These special AI cameras take pictures or videos of animals in forests, jungles, and oceans — without needing a human there.

How it helps:

Helps scientists learn how animals live
Protects endangered animals from danger or poachers
Tells us when animals are sick, lost, or need help

Did you know?

AI can even tell the difference between a tiger, elephant, or person — just by looking at the pictures!

What would YOU make?

If you could invent a robot or AI that helps the Earth, what would it do?

Draw your invention:

Smart Lights

What it does:

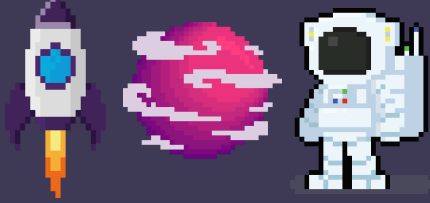
Smart AI lights turn off automatically when nobody is in the room.

How it helps:

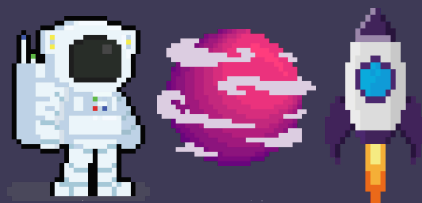
Saves electricity
Reduces pollution from power plants
Keeps homes and schools more energy efficient

Did you know?

These lights use AI sensors to detect movement — so when the room is empty, they switch off all by themselves!



AI & SPACE



Machines in Space
Match the smart machine to what AI helps it do:



Satellite

Warns astronauts if something is wrong



Space rover

Keeps it in orbit and helps track space junk



Space station

Helps it find a safe path to drive

Why Do We Need AI in Space?

Space is very big and can be dangerous. Humans use machines to help explore space. AI acts like the brain for these machines!



Space Weather 101

1. Complete the blanks using the word bank below:

Word Bank: Sun, radio, electricity, flares, GPS

Space weather is caused by the _____. It sends out huge bursts of energy called solar _____. These can interrupt our _____ signals, make our _____ systems stop working, and mess up _____ on your phone!

2. Draw a diagram that shows how the Sun can affect Earth's technology.



AI Helps Satellites Stay on Track

Satellites orbit Earth to give us:

Internet
Weather forecasts
GPS navigation

How AI helps:

Keeps the satellite in the right orbit
Tells it to move if space junk is nearby
Helps it collect and send back useful data faster

AI Helps Rovers Explore Planets

A rover is like a robot car that goes to other planets (like Mars)!

How AI helps:

Finds the safest path to drive on rocky land
Avoids holes, cliffs, or big rocks
Chooses the best samples to study
Sends photos and results back to Earth

Example: NASA's Perseverance Rover on Mars uses AI to explore without needing step-by-step commands from Earth!

AI Keeps Astronauts Safe

On the International Space Station (ISS), astronauts need help with:
Keeping air and water clean
Fixing tools and machines
Staying safe from space storms

AI can:

Warn astronauts about danger
Help robots fix broken things
Save energy by turning off lights or machines when not needed



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