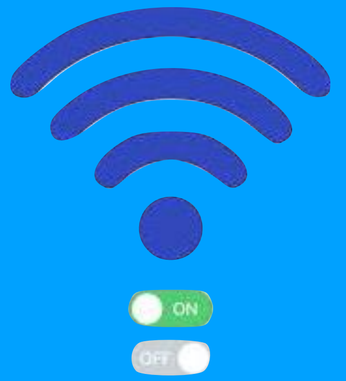
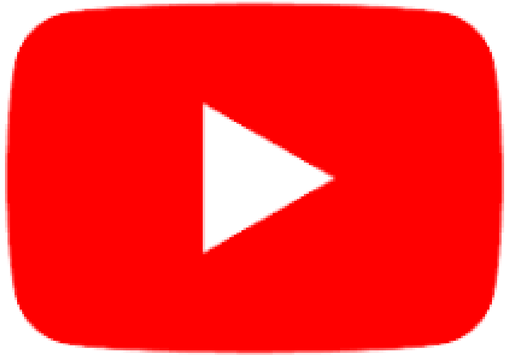
SAFER INTERNET DAY

Key Stage 1 School Assembly

2026

Do you know what these are & what they have in common?





They all need the Internet to work.

What is the internet? The internet is where we can play games, watch videos, and talk to friends or family. It’s so much fun, and we all use it and rely on it.

When using the Internet, you are “online”.

But sometimes, there are things online that aren’t what they seem.

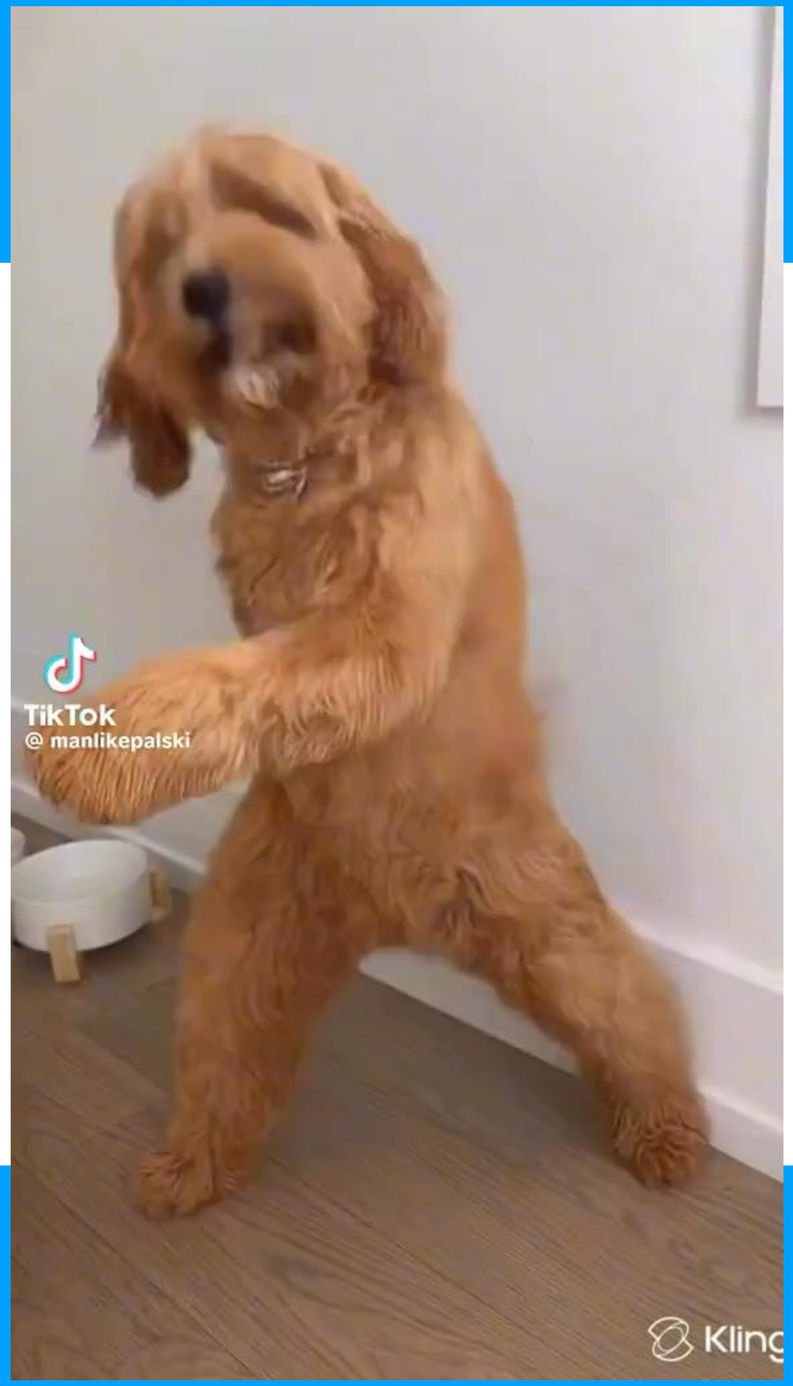
Today’s Big Question

Can we always trust what we see and hear online?

Who likes dogs?

Can dogs really dance?

Is this dog real?



Who likes cats?

Can cats really cook?

Is this cat real?

Who makes these videos and why?

So those videos aren’t real, dogs can’t dance, and cats can’t cook.

Then who or what made them, and why? Any ideas?

What is AI?

When you go online to play games, watch videos, or listen to music, you might see or hear things created by AI.

AI is like a "clever computer."

These clever computers can draw, speak, and even write stories just like us.

AI is found in a lot of the apps we use every day.

Hands up who has used AI?

What Are the Different Types of AI?

AI comes in many forms – you're probably already using some without realising!

Voice Assistants

Examples: Siri, Alexa, Google Assistant

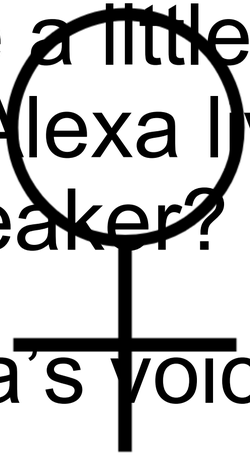
What it does: Understands and responds to spoken commands.

What Are the Different Types of AI?

AI comes in many forms – you're probably already using some without realising!

"Alexa
Tell me a joke"

Is there a little lady called Alexa living inside this speaker?



Is Alexa's voice real?

What Are the Different Types of AI?

AI comes in many forms – you're probably already using some without realising!

AI is watching you and knows what you like!

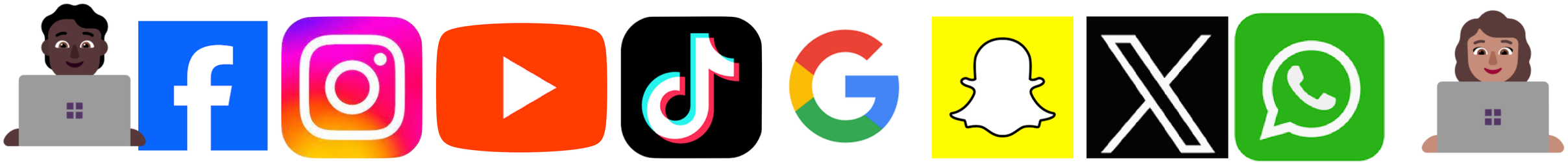
Recommendation Systems

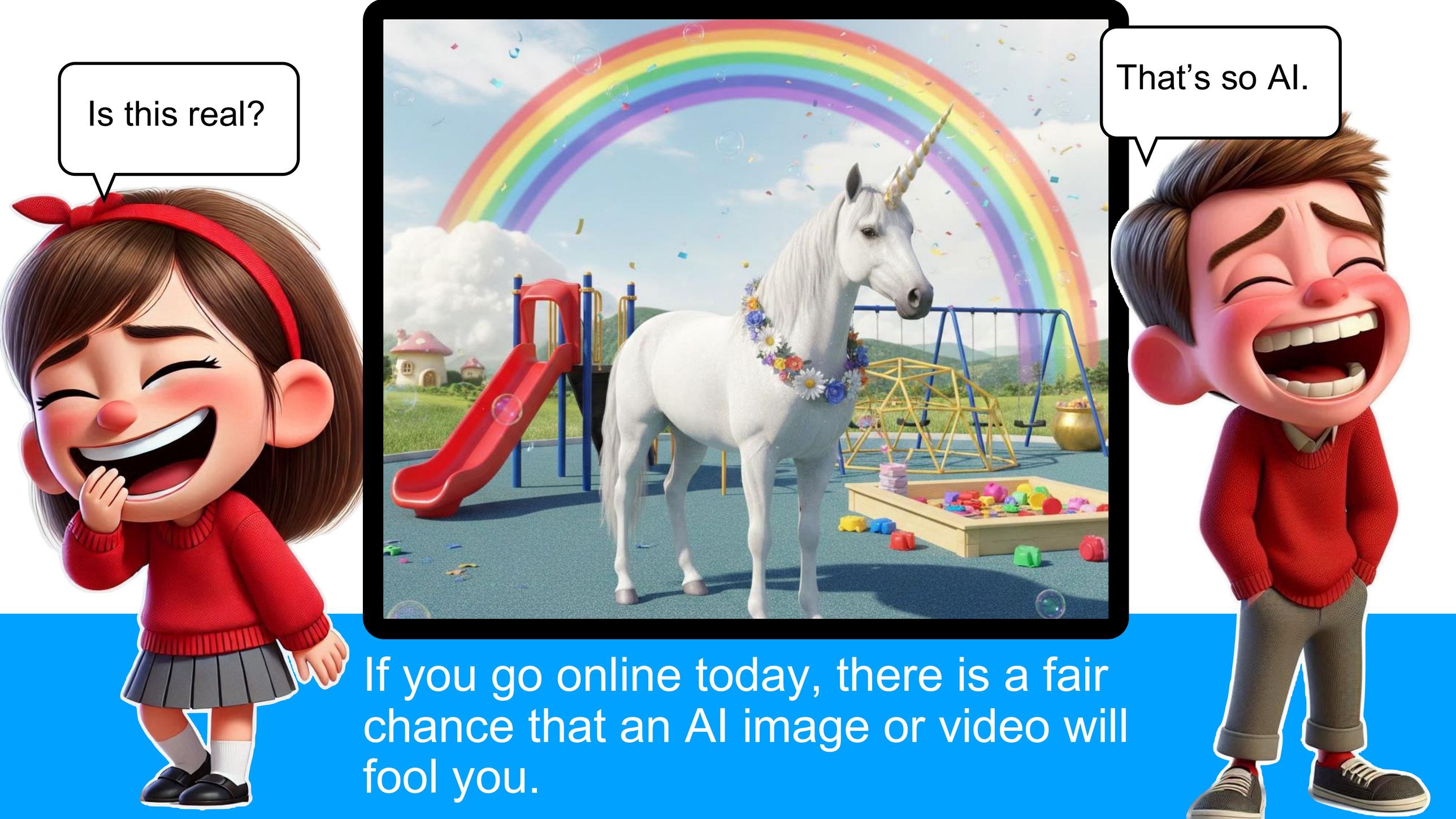
Examples: Netflix, YouTube, Amazon suggestions

What it does: Recommends content based on what you like or have used before.

Why are videos like the cat and dog video made?

The more time you spend online, the more money they make.





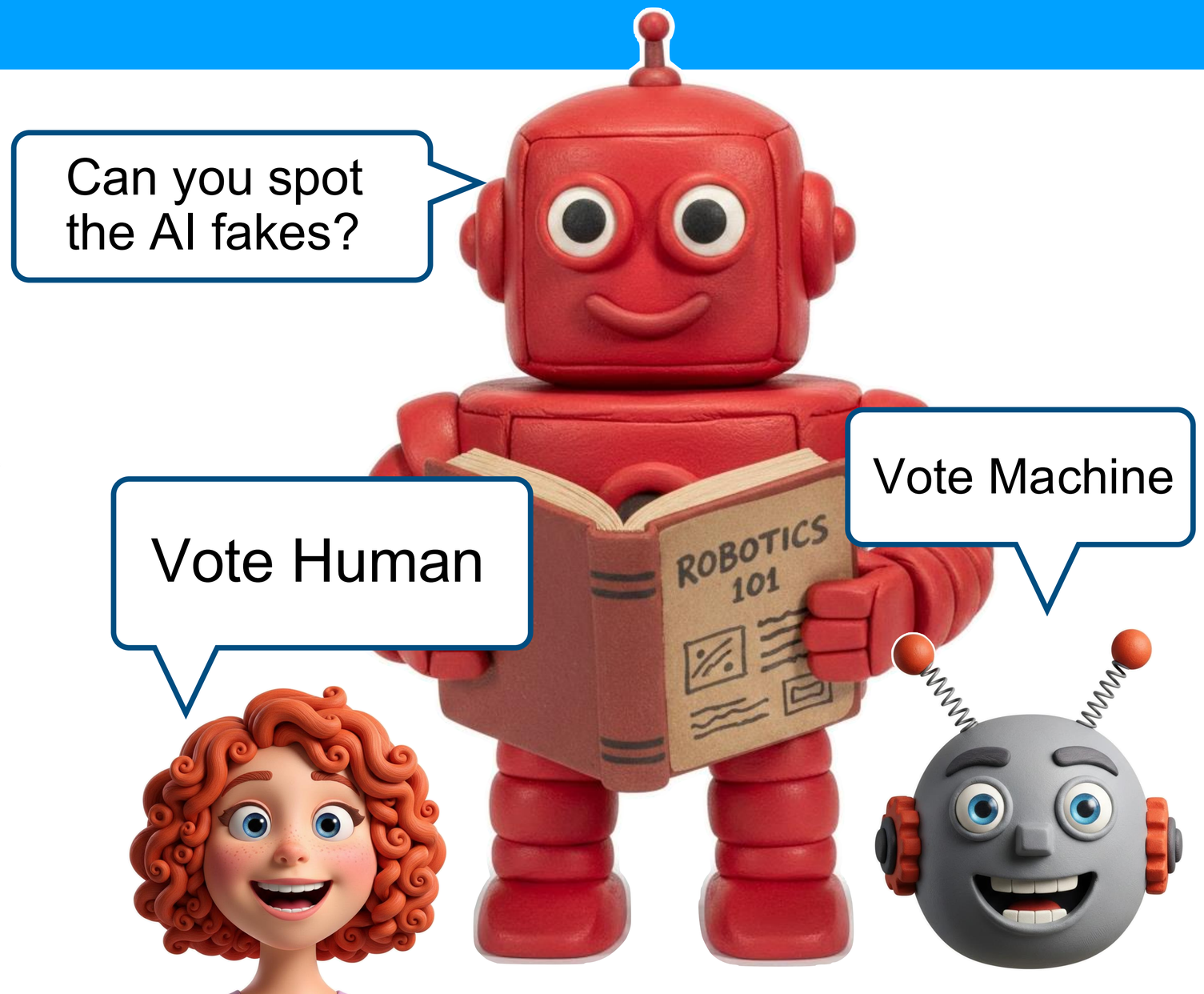
If you go online today, there is a fair chance that an AI image or video will fool you.

Let’s play a game of Human or Machine?

I’m going to show you some images and videos and play some music.

Your job is to look and listen carefully, then vote on whether you think it was made by a human or a machine.

By the end, you’ll know why it’s important to stop and think about what we see and hear online.

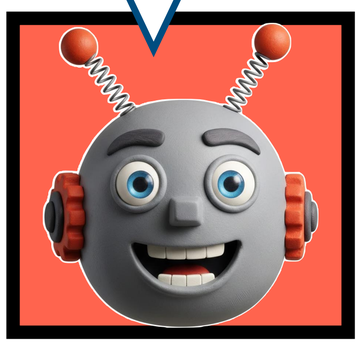


Round 1: Images

Human

Human or Machine?

Machine



Human
Machine

This is a real image taken on an iPhone.

K-POP DEMON HUNTERS 2: THE DEMON STRIKES BACK

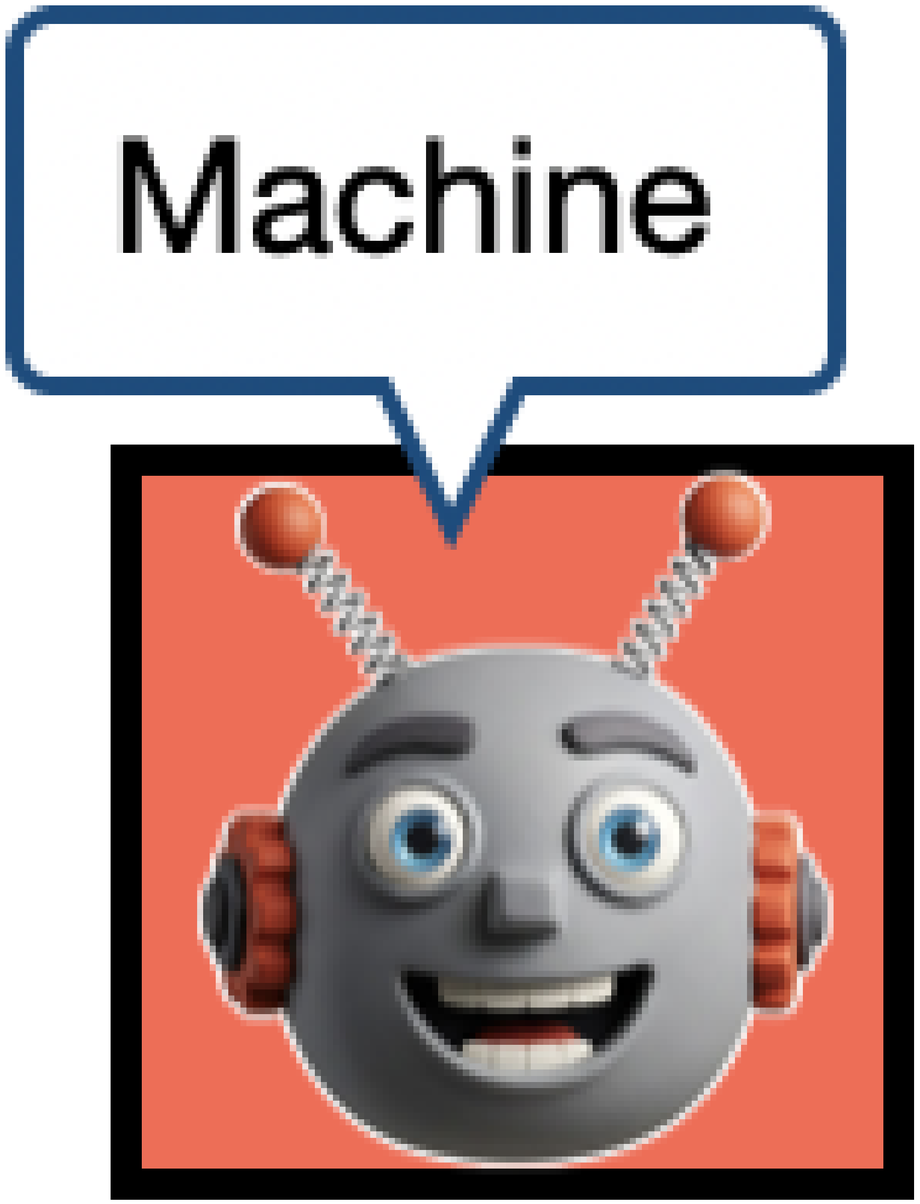
The Stage is Set. The Evil is Real. The Encore Begins.

Human

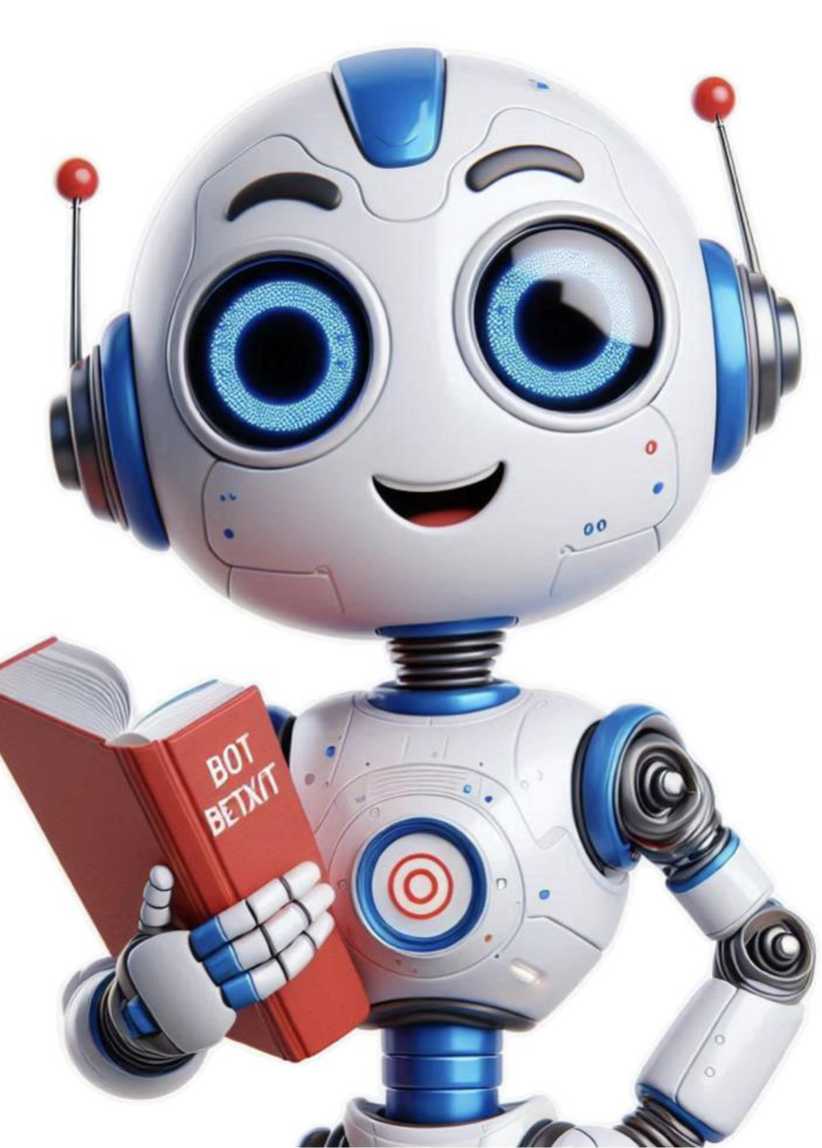
Machine

FAKE AI-GENERATED POSTER FOR EDUCATIONAL PURPOSES ONLY. NOT A REAL MOVIE.

Be careful, some images are designed to trick you.



How to spot fake images



1. When you see images online, slow down.
Ask yourself: could this really happen?

2. Look closely
AI is very good at making impossible things look real. Animals doing human jobs!

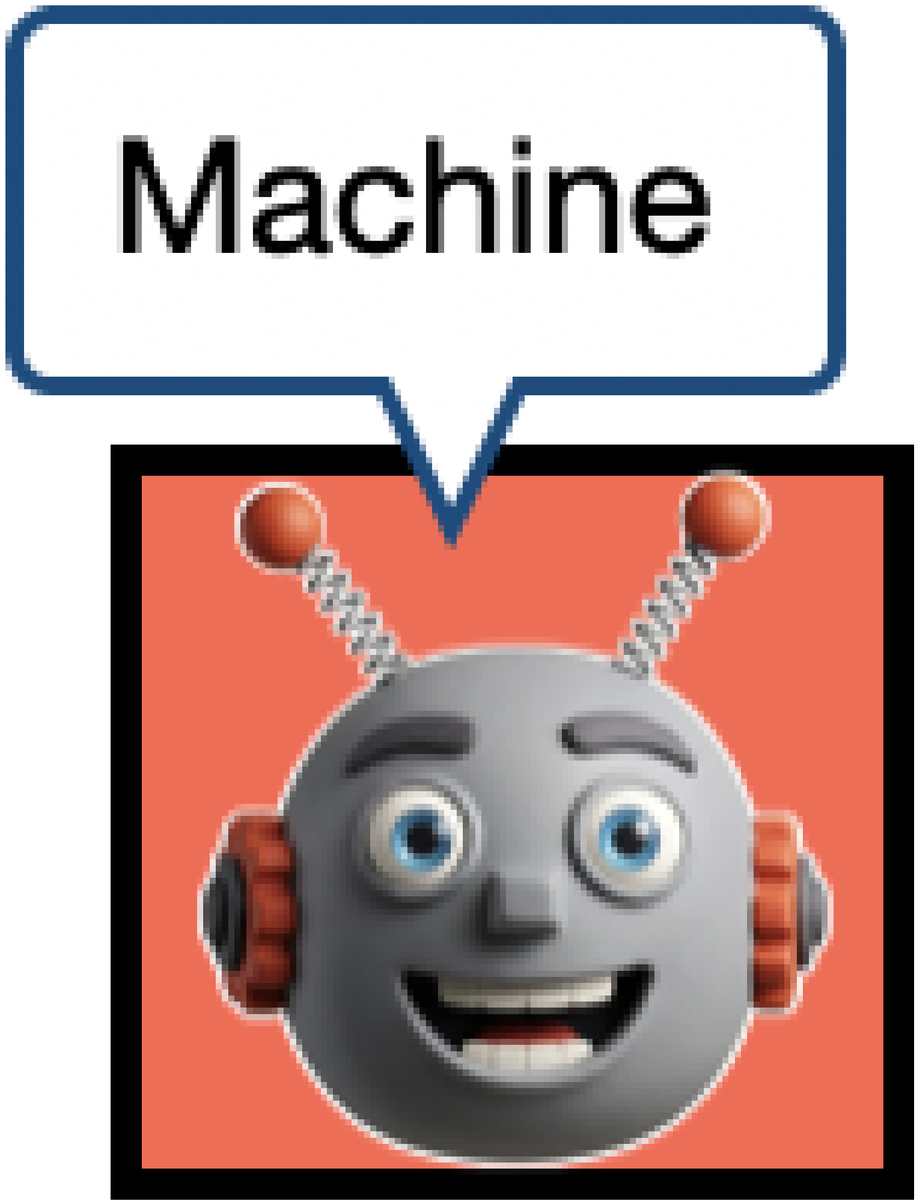
3. Look at the background
Look for things that don't quite make sense.

4. Who shared it?
Check where it came from. Is it from a trusted website? When in doubt, ask a grown-up

Top tip: ask an adult! The next image is just for the teachers in the room.

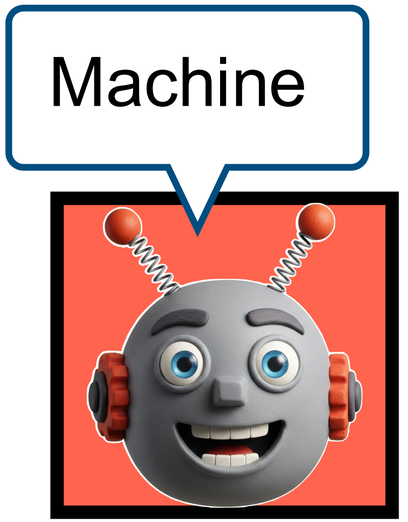
Human
Machine

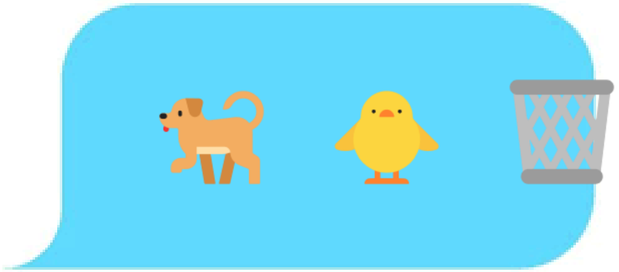
AI can look and sound very convincing. Even adults get this wrong sometimes.



Round 2: Video

Human or Machine?

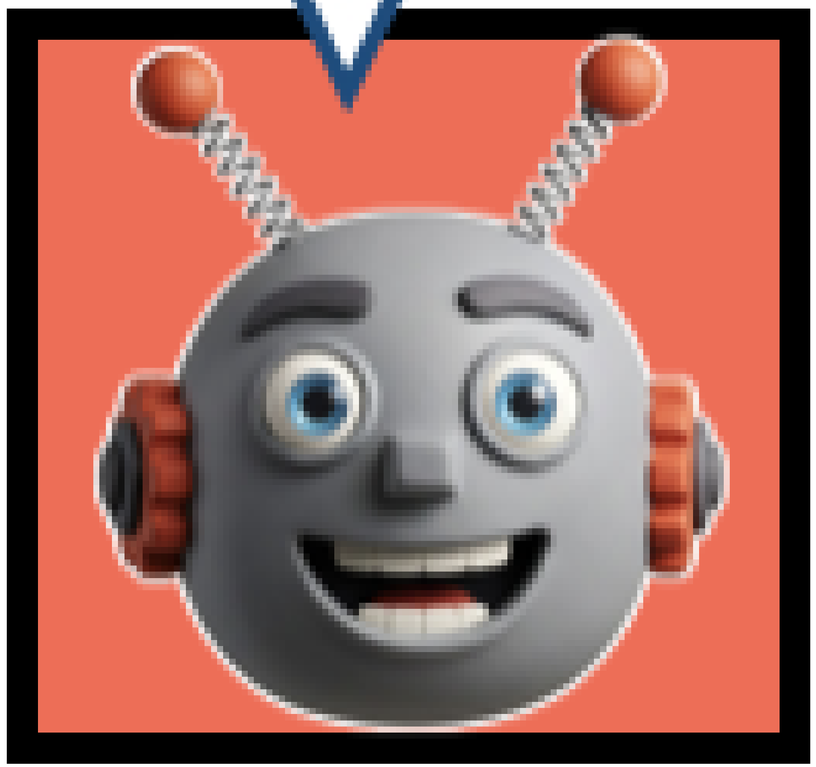




Human

Machine

Machine

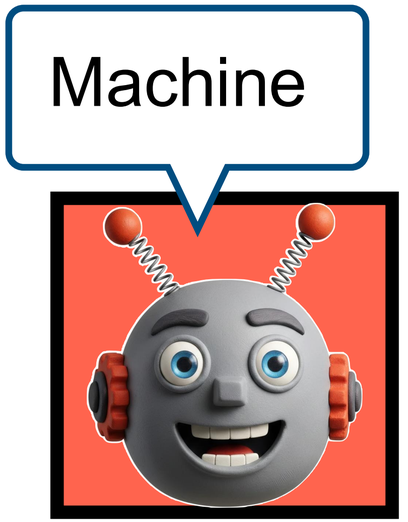


The pedal on the bin is in the wrong place.

AI Watermark blurred out

Round 3: Voice

Human or Machine?

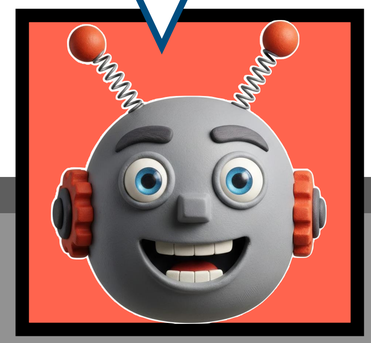


Is this my voice…

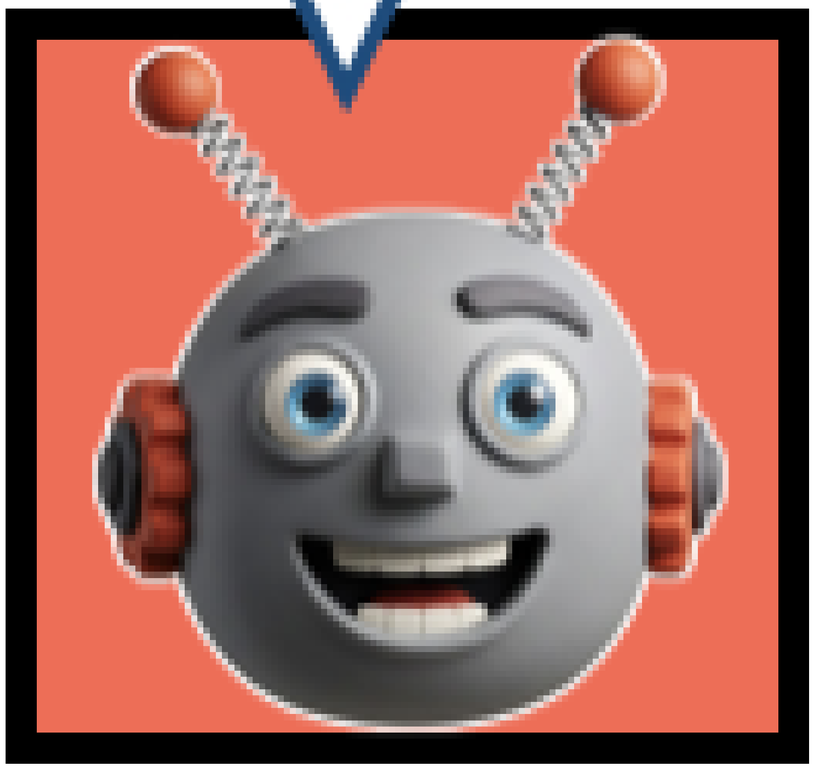
or mine?

Human

Machine

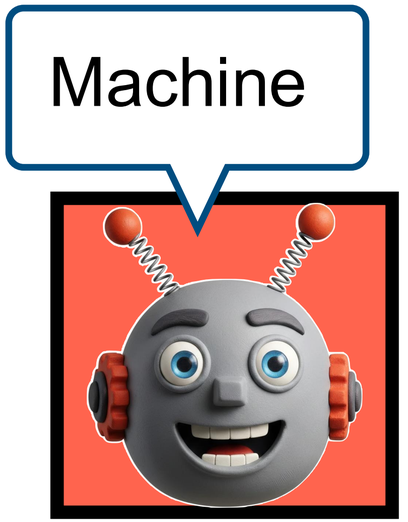


Machine

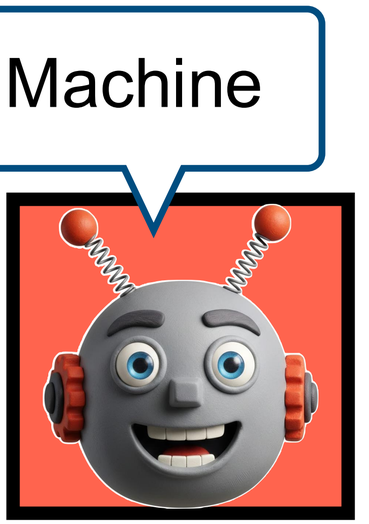


Round 4: Music

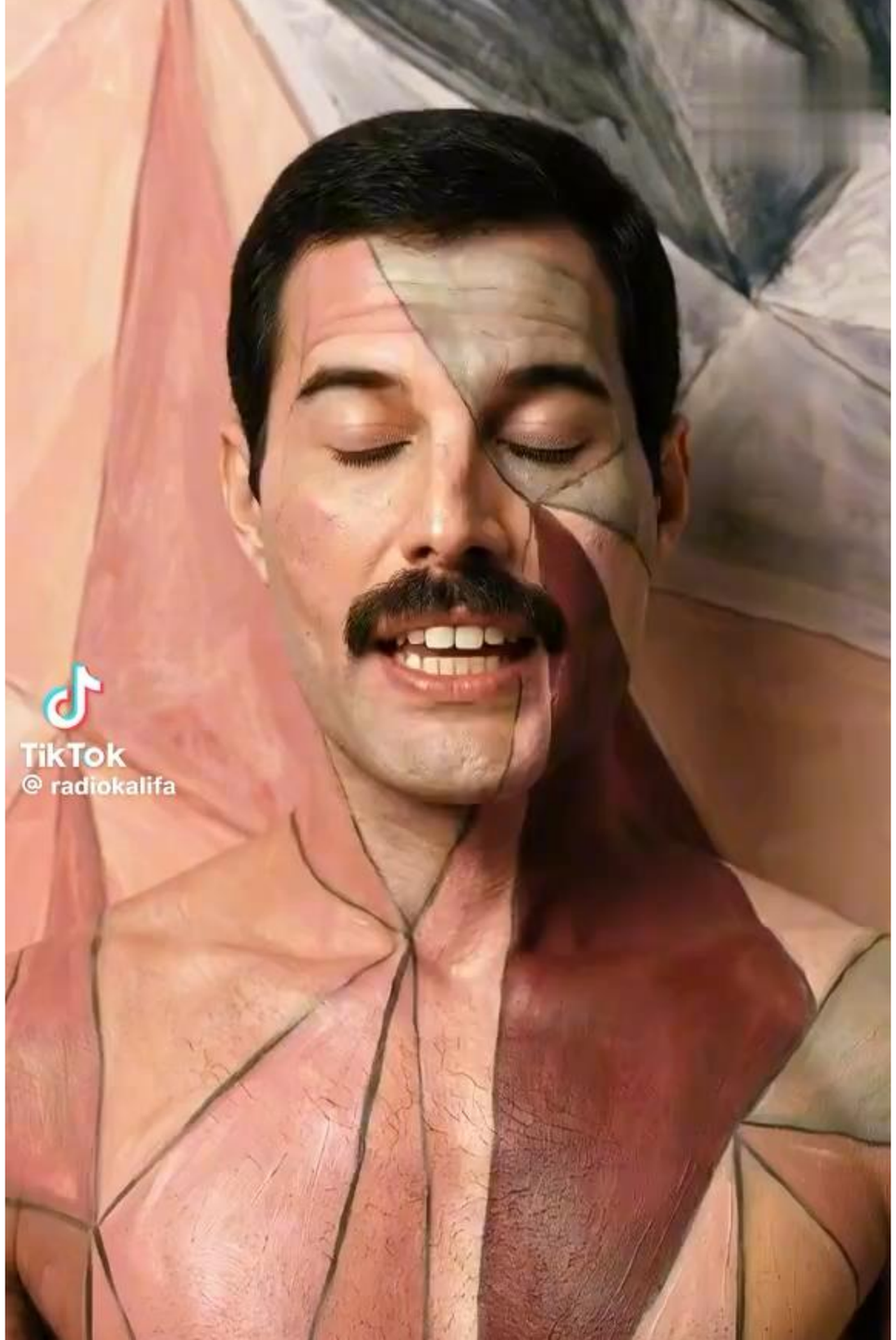
Human or Machine?



Human


Machine

Machine



Discussion Questions:

How might a singer feel if an AI made a song using their voice without asking them?

Why?

Why is it important to spot AI pictures and videos?

If we don’t spot AI tricks:

- We might believe something that isn’t true
- We might feel confused or worried
- We might do something that isn’t safe

When in doubt, ask a grown-up, don’t get tricked!

This is the most important rule.

- If something feels strange
- If it makes you worried or confused
- If you’re not sure if it’s real

Stop, think, check & ask a trusted adult.