



Recall: last year we talked about AI and how fake images on social media can influence social trends, opinions, and politics.

How can we be resilient against this threat?
What 3 top tips can you remember for spotting false images online?



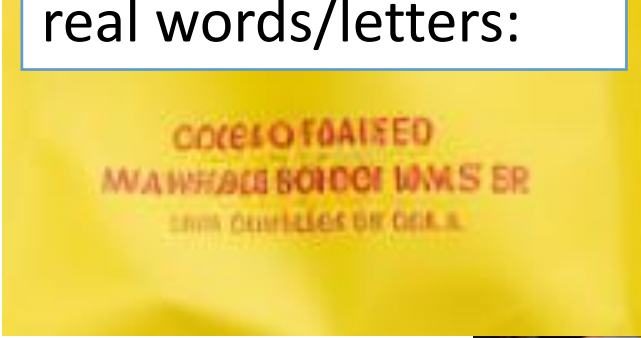


Additional tips... or *fingertips*?



Look out for the fingers! AI-generated people often have a few extras, or fingers for thumbs...!

Nonsense instead of real words/letters:



Strange faces/inconsistencies in the background



An odd gloss or sheen

Many of the AI images we've seen have an odd gloss or sheen to them, that almost looks like a cartoonish filter has been applied.



AI is a fast-moving industry, and each year will see new concerns and discoveries that change the world in different ways.

Today we are going to talk about: ‘Deepfakes’



1 minute turn & talk: what do you already know, or what can you guess, about this term in AI?



Deepfake: 'Usually a video or image in which a person's face, body, or voice has been **digitally altered** so that they appear to be someone else, typically used **maliciously** or to **spread false information.**'





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HOW TO SPOT AI DEEPFAKES



“So, is it good or bad?”

If time, your teacher will now split the class.

Half of the room is going to argue *for* deepfake content; the other half should argue *against* deepfake technologies.

You have 1 minute to discuss initial ideas!



Positives

Negatives



Positives	Negatives
Entertainment: de-aging actors, special effects, parody, creative storytelling	Misinformation: fake news, propaganda, hoaxes
Education: realistic dubbing, historical recreations, training simulations	Harassment: non-consensual indecent images, cyberbullying, blackmail
Preservation: reviving historical figures, restoring damaged footage	Fraud: scams using voice/video impersonation, identity theft
Personalisation: avatars in VR/AR, custom characters	Ethical/legal issues: consent, ownership, copyright disputes
Research: advances AI, testing detection tools	Erosion of trust: people doubting real media figures and information



[Quiz: Artificial intelligence or real? - BBC Bitesize](#)