Promptathon: Hands On AI Literacy Learning

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hello

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AI LITERACY

Concepts

I am familiar with basic AI terminology.

- artificial narrow / general / super intelligence
- machine learning
- machine intelligence
- machine concisouness

Application

I am aware of common ways in which AI tools are used.

- virtual assistants
- recommendation systems
- facial recognition

Hype vs Reality

I have a realistic expectation of what AI can and cannot do.

- awareness of possibilities
- awareness of limitation

Safety & Security

I am aware of the potential security risks of AI.

- threats to personal data
- misuse of technology

Responsible Use

I understand there are limitations to AI and I take active steps to address these limitations.

- fact checking information
- considering ethical implications
- questioning the reliability of AI generated content

The agenda



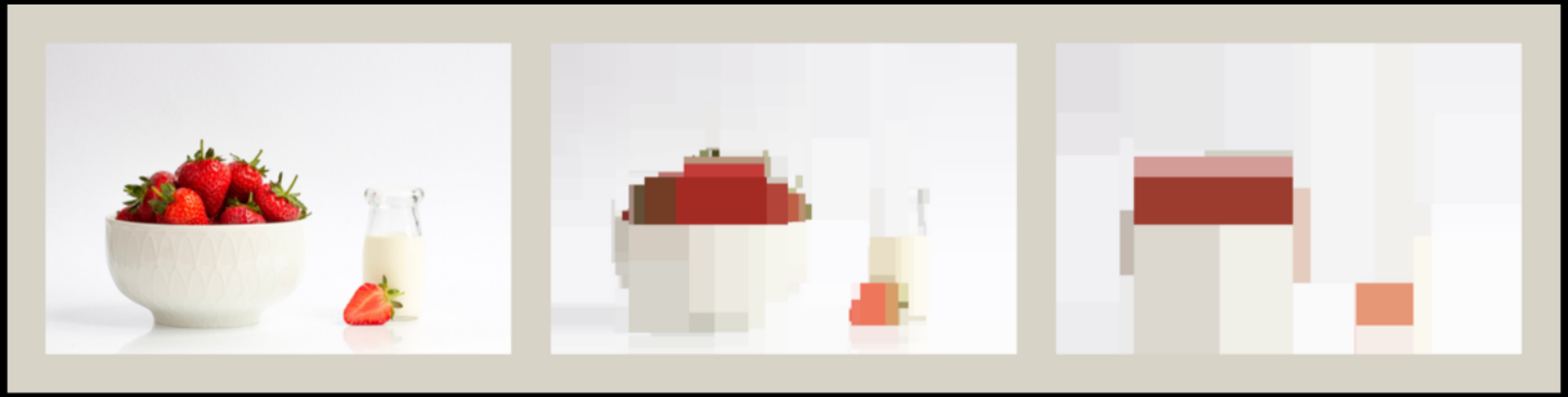
01 Machine Learning

02 Unplugged Games

03 Promptathon Games

04 AI Literacy

Machine Learning



‘Strawberries and Milk’ by Catherine Breslin & Rens Dimmendaal • https://betterimagesofai.org

Is this a zegah



Based on an activity by **Dr Marc Cicchino** for New Jersey AI Literacy Summit, more can be found on **Data Education in Schools** site.

Is this a zegah?



Is this a **zegah**?



Is this a zegah?



Is this a **zegah**?



Is this a zegah?



Is this a **zegah**?



Is this a zegah?



Is this a zegah?



So, what is a **zegah**?

no!









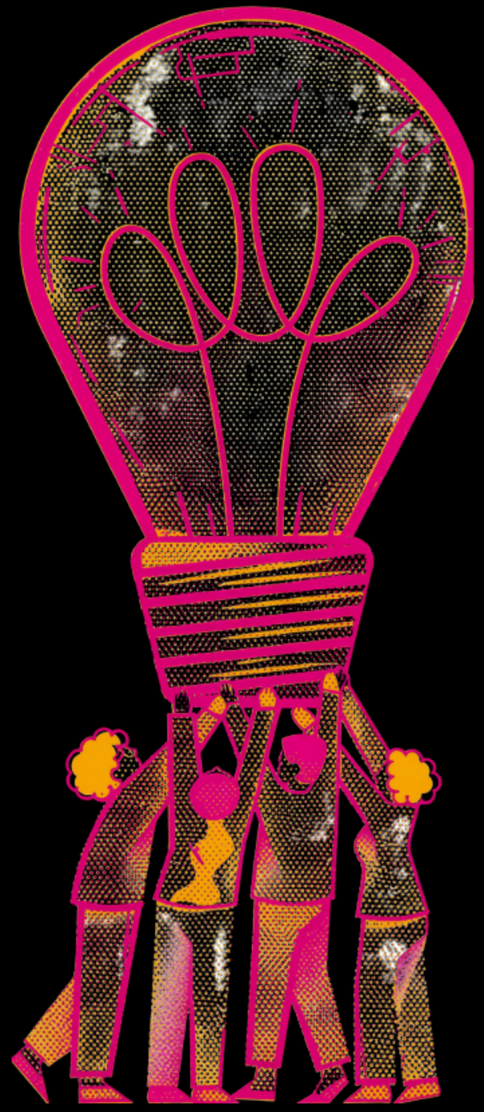


yes!









The Generation Game

The [ANIMAL]
[PAST TENSE VERB]
[PREPOSITION] the
[INANIMATE OBJECT].

The [ANIMAL]

(i.e. cat, monkey, gorilla)

[PAST TENSE VERB]

(i.e. sat, ran, fell, looked)

[PREPOSITION]

(i.e. on, under, behind)

the [INANIMATE OBJECT].

(i.e. table, beehive, spoon, book)

Sensible Stories



The **Prompt**



Write a sentence about a sloth visiting a library.

Don’t forget to fold the top over so the next person can only see **three words at a time**.



The **Prompt**

Write a sentence about a sloth visiting a library.



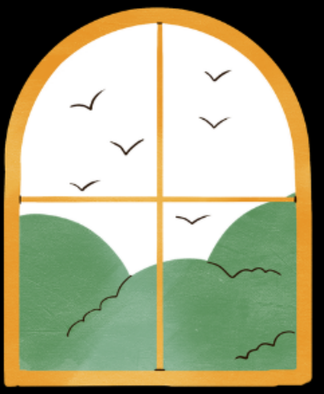
Frequency

Model looks for frequency in patterns within the data it has been trained on.



Randomness

An element of randomness is programmed in to ensure results aren’t always the same.



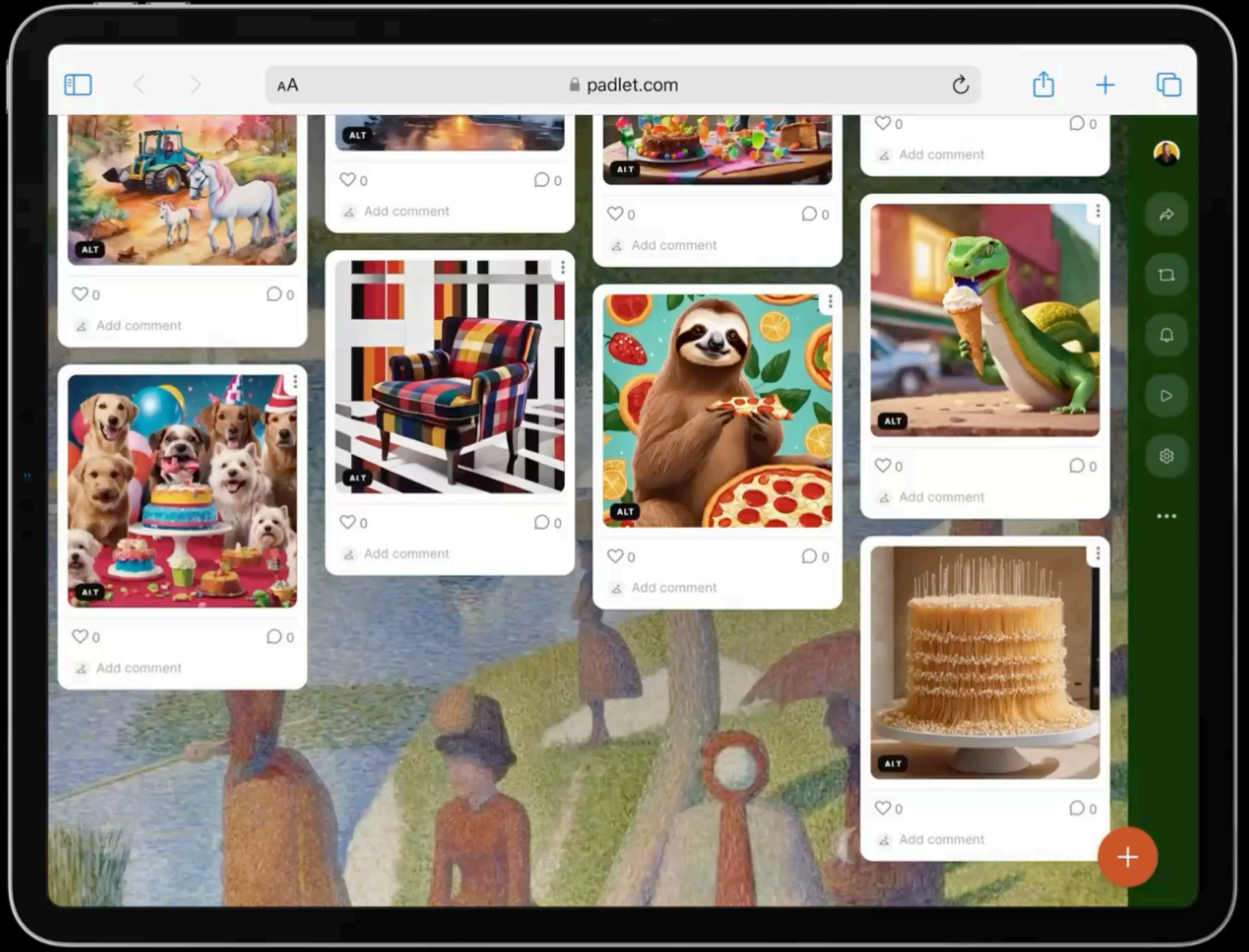
Context Window

How much of the past interaction the model can draw on to predict the next output in the sequence.



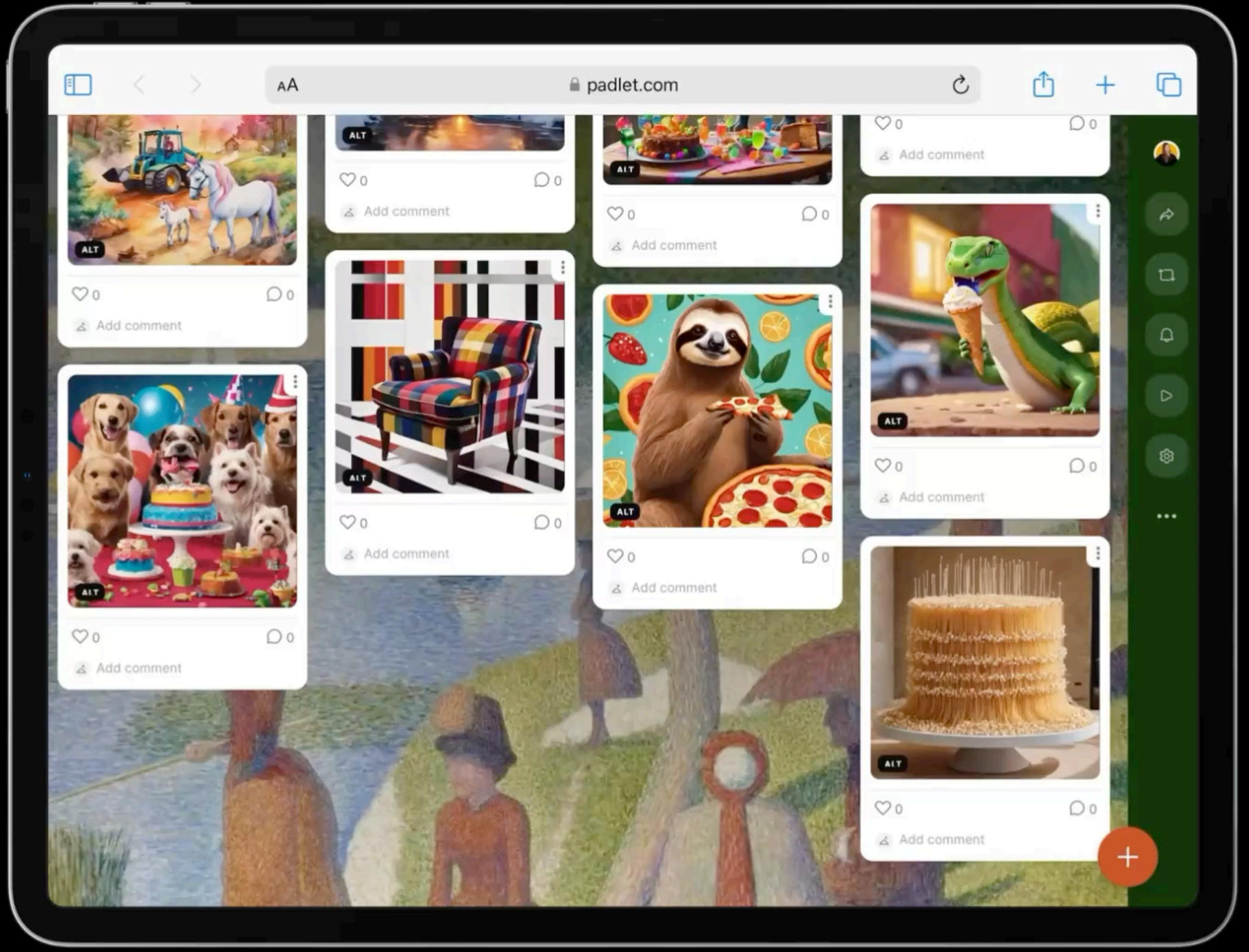
Promptathon **Games**

YOU ARE RESPONSIBLE FOR THE IMAGES YOU CREATE USING AI



:Padlet

1. Tap the +
2. Tap ‘AI Image’
3. Type your prompt
4. Choose an image
5. Tap ‘Publish’



:Padlet

1. Tap the +
2. Tap ‘AI Image’
3. Type your prompt
4. Choose an image
5. Tap ‘Publish’

MATCH MY PROMPT



My Prompt:

A CASTLE IN A FOREST WITH LOTS OF YELLOW FLOWERS



2

UNEXPECTED ANIMALS

Generate an image of **an animal of your choice doing something unexpected**. Look carefully at your picture and see if you spot anything unusual.

UNEXPECTED ANIMALS



3

DREAM JOBS

Generate an image of a person doing your dream job, **do not tell the AI model what gender** the person should be. What do you notice about the images the model generates?

DREAM JOBS



4

A ROOM OF ONE'S OWN

Generate an image of a room you'd like to spend time relaxing in. Look carefully at your picture - how can you tell it's not real?

A ROOM OF ONE'S OWN



GET ARTISTIC

5

It’s time to up your prompt game. Don’t just focus on the content of your image. Give the AI a specific artistic style and background to level up your prompt crafting and generate more varied images.

GET ARTISTIC

PROMPT CRAFTING FOR AI IMAGES

HELP GUIDE

Prompt suggestion (change the items in pink):

An [add style] **painting of** [add subject] **with a** [add background].

An [impressionist] **painting of** [a sloth] **with a** [pastel coloured background with visible brush strokes].

GET ARTISTIC



Prompt scaffold (change the items in pink):

An [impressionist] **painting of** [a sloth] **with a** [pastel coloured background with visible brush strokes].

SHOULD YOU SAY YOU DREW THESE IMAGES?

SHOULD YOU SAY YOU MADE THESE IMAGES?

SHOULD YOU SAY YOU MADE THESE IMAGES WITH THE HELP OF AI?

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DIY Promptathon Resource

Guide: DIY Promptathon