

## AI Toys

Play with AI, Unlock the Future!

# A Definition of an AI Toy



- ❖ AI Toys are fun, interactive tools that let you play with artificial intelligence hands-on.
- ❖ They spark creativity and curiosity, turning complex tech into exciting adventures.
- ❖ These toys can assist with everyday student tasks, like crafting presentations or prepping talks with ease.
- ❖ They unlock future possibilities, empowering you to explore and shape tomorrow's world.



# Eleven Labs



# Play time



- ❖ Step 1: Create an [Eleven Labs](#) account. Suggestion: Log in with Google.
- ❖ Step 2: Copy the first paragraph from the C240 Synopsis in POLITEMall and paste it into Text to Speech in Eleven Labs.
- ❖ Step 3: Generate speech in two different voices and select a non-premium voice, speed, stability, similarity, style that makes you most trust the speaker.
- ❖ Step 4: Continue to adjust the various parameters until you are happy with the voice, then download the sample. Click on the blue speaker to the right for a sample.
- ❖ Step 5: Create a prompt and generate a useful sound effect to use in a presentation. Click on the green speaker to the right for a sample.
- ❖ Step 6: Click on AI Agent, then on travel guide. Ensure you enable your microphone and speakers. Ask about a tour of Johor Bahru, concentrating on colonial architecture, or any other travel destination in which you have an interest.





# Activity

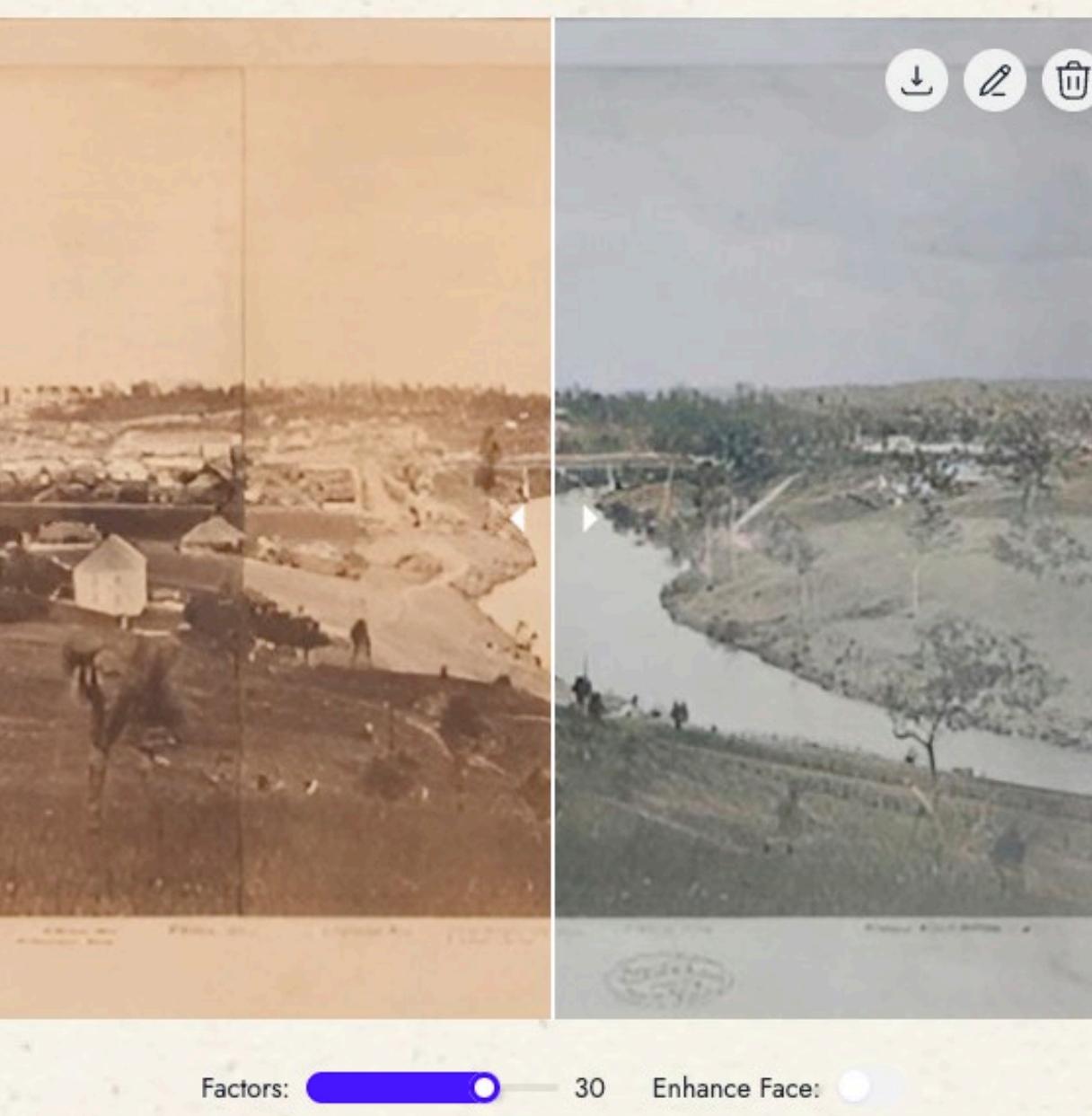
- ❖ Write a brief note on the following topics and save it into your MST Team as part of ongoing collaboration.
- ❖ For each of the following, write only 2-3 sentences.
  - Suggest how the AI-generated voice you created could enhance a presentation or talk (e.g., making it more engaging, clear, or professional).
  - Write a brief note reflecting how you may use sound effects generated by Eleven Labs in the future.
  - Reflect on your experience with the AI travel agent.



# Img.Upscaler



# Play time



- ❖ Step 1: Create an [Img.Upscaler](#) account.  
Suggestion: Log in with Google.
- ❖ Step 2: Select image "Ipswitch1.jpg" from the available images for this lesson. Drag the image to the main dotted-rectangle, select 200% and then Upload & Start. Wait for the processing to complete, then download and compare the two images.
- ❖ Step 3: Upscale "Ipswitch3.jpg" and download it. Sign up to [imagecolorizer.com](#) (Log in with Google) and colourize the upscaled image. Download the upscaled, colourized image and compare it to the original. You will be able to obtain results like those on the left.



# Activity



- ❖ Do your best to colourize and upscale other images provided, or perhaps one of your own.
- ❖ Write a note in your MST Team with the input and output image and your process to enhance the image.
- ❖ Reflect on potential personal uses of this technology.



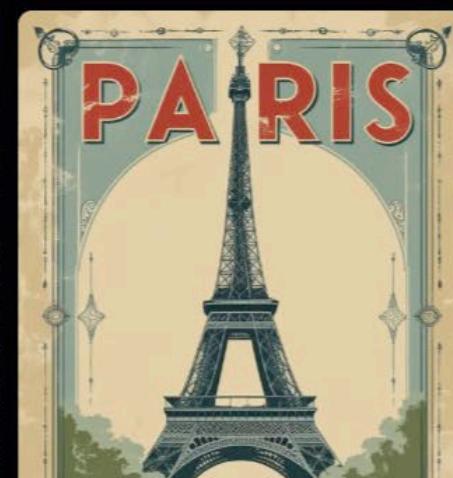
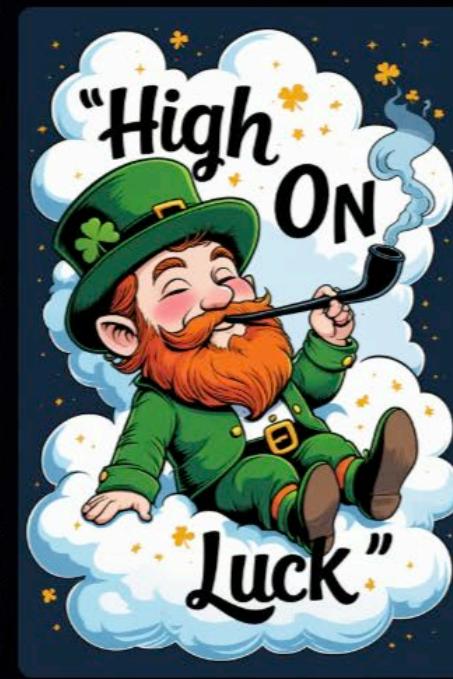
# Leonardo.Ai

# Play time



- ❖ Many of the images in this module were created by Leonardo.ai. Sign up for a free account. Suggestion: Log in with Google.
- ❖ Step 1: Select your favourite LLM and write a prompt-improving prompt "Create a prompt for leonardo.ai. It is to have ...". Once generated, copy the embellished prompt into Leonardo.ai and generate an image.
- ❖ Step 3: Change modes from "Classic Mode" to "Flow State" and examine the possibilities.

# Samples



# Activity



- ❖ Experiment with different vibe, lighting, shot type and colour themes
- ❖ Experiment with different image dimensions.
- ❖ Upload your top three generated images to your MST Team chat.



# Google Gemini

# Play time



- ❖ Log in to [gemini.google.com](https://gemini.google.com), using your Google account.
- ❖ Because both Gemini and YouTube are owned and operated by Google, they have access to each other's data.
- ❖ A particularly compelling case is to query YouTube Videos.
- ❖ Within Gemini, select the default model (2.0 Flash), and enter the following prompt. *"Access YouTube and create a bullet-point summary of this video: https://www.youtube.com/watch?v=CrwrljPQaYA"*

# Activity



- ❖ You can use Gemini as
  1. Research tool
  2. Image Detection Tool
  3. Travel Planner with maps
- ❖ Explore each of these three use cases. You can simply click on the timestamp to view the relevant section of video.
- ❖ Create a flight plan to visit Osaka and Taipei for four days each before returning to Singapore in the period from June 14-24, 2025.
- ❖ Place your itinerary into your Team in MST. You can cut-and-paste the image directly from Gemini.



# Lesson 03

**Summary of Material Covered**



# Lesson 03 Review

- ❖ **Eleven Labs:** Speech Generation & Sound Effects
- ❖ **Img.Upscaler:** Image Upscaling & Colourization
- ❖ **Leonardo.Ai:** Image Generation (Modes & Settings)
- ❖ **Google Gemini:** Research, Image Detection, & Travel Planning

Ai



# To Do (Homework)

- ❖ **Clear a minimum of 10Gb** of hard disk space on your computer. If you need to visit the IT helpdesk to help you clear, do so asap.
- ❖ Follow the instructions in the **LM Studio Install** document which is in the **EdTech Resources** folder.
  
- ❖ **Please Note: Downloading large language model files over the RP network is very slow. Please do this task at home.**

Ai

# Thank you

School of Infocomm

C240 AI Essentials and Innovations

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