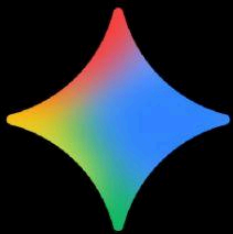


Tab 1



MINISTRY OF HIGHER EDUCATION



# Gemini 3

Starter Kit

 **awantec** Google for Education



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## Introduction

**Gemini 3 Pro** is Google's most intelligent model, the best model in the world for multimodal understanding, and Google's most powerful agentic and vibe-coding model yet.

## Guide to Gemini Pro for Education

**Why Google AI Pro?** Unlike free public AI tools, **your data is never used to train Google's models.** You can safely use this for unpublished research, internal memos, and student data, knowing that your intellectual property remains secure within the university's domain.

### What do I get?

- **Gemini 3 Pro:**  
Access to Google's most advanced model with a massive 1 million context window
- **Gemini in Workspace:**  
A writing, visualizing, and organizing partner built into Docs, Slides, Sheets, and Drive.
- **NotebookLM Plus:**  
An AI research assistant that lets you "chat" with your own library of PDFs with higher file limits.



## Google AI Pro License?

Feature	Where is it?	What it does	Best use case for Lecturers
"Help Me Visualize"	Google Slides	Generates original, copyright-free images based on your description.	"Create an image of a <b>sustainable smart city in Malaysia</b> in a watercolor style." (Great for keeping students engaged).
"Help Me Organize"	Google Sheets	Creates custom tables, trackers, and schedules from scratch.	"Create a <b>semester gradebook</b> with columns for Student ID, 3 Assignments, Midterm, and Final Exam."
"Gemini Side Panel"	Google Sheets	<b>Summarizes</b> and analyzes your data without formulas.	"Analyze this student feedback dataset and <b>summarize the top 3 complaints.</b> "
"Help Me Write"	Google Docs	Drafts, refines, and expands text.	"Draft a <b>course syllabus</b> for <i>Intro to Bioethics</i> based on these 5 learning outcomes."
"Take Notes for Me"	Google Meet	Transcribes and summarizes video meetings.	Focus on your <b>Department Meeting</b> discussion and let Gemini email you the minutes afterward.



I want to...	Open this App...	And type this...
Research a Topic	Gemini Chat	<i>"Create a Deep Research report on the latest trends in [Your Field] for 2026."</i>
Plan a Lesson	Google Docs	<i>"Draft a 45-minute active learning lesson plan on [Topic] with 3 discussion questions."</i>
Visualize a Concept	Google Slides	<i>"Create an image of [Concept] in a flat vector art style."</i>
Draft an Email	Gmail	<i>"Draft a polite reply to this student confirming their appointment for Tuesday at 10 AM."</i>
Analyze Data	Google Sheets	<i>"Create a chart showing the distribution of final grades in this sheet."</i>



## 1. For Lecture Materials (Slides)

- **The Goal:** You need a diagram of a "Sustainable Smart City in Malaysia" but can't find a copyright-free image.
- **The Drill:** Open **Google Slides** > Click "Ask Gemini" > Type: *"Create a photorealistic image of a futuristic eco-city in Kuala Lumpur with vertical gardens."*
- **The Result:** A unique, high-definition image generated instantly on your slide.

## 2. For Literature Reviews (NotebookLM)

- **The Goal:** You need to synthesize 20 journal articles for a grant proposal.
- **The Drill:** Go to **NotebookLM.google.com** > Upload your PDFs.
- **The Prompt:** *"Synthesize the methodologies used across all these papers and identify the three most common limitations mentioned."*
- **The Result:** A cited overview of 20 papers in minutes.

## 3. For Grading & Data (Sheets)

- **The Goal:** You have a spreadsheet of raw student marks and need to spot at-risk students.
- **The Drill:** Open **Google Sheets** > Click the "Sparkle" (✨) icon (Side Panel).
- **The Prompt:** *"Analyze this data and highlight students with attendance below 80% who also failed the midterm."*
- **The Result:** Gemini filters and highlights the specific rows for you.

## 4. For Meetings (Meet)

- **The Goal:** You need to focus on the faculty discussion, not on taking notes.
- **The Drill:** Join your **Google Meet** > Click the Pencil Icon ("Take notes for me").
- **The Result:** A full transcript and a "Key Decisions" summary document emailed to you automatically after the call.



## 5. The "Virtual Filmmaker" (Gemini Veo)

*Google's high-definition video generation model (often available via VideoFX or integrated into Workspace Labs).*

- **The Problem:** You need a compelling b-roll clip for a lecture on "Climate Change in the Tropics" to grab student attention, but stock footage is generic.
- **The Drill:** Go to **VideoFX** (or the video generation tool enabled in your workspace).
- **The Prompt:** *"Cinematic drone shot of a futuristic Kuala Lumpur with vertical forests covering skyscrapers, golden hour lighting, 4k resolution, photorealistic."*
- **The Result:** A 6-second high-definition video clip you can embed directly into your slide deck.

## 6. The "Visual Storyteller" (Gemini in Slides / Gemini Image Generation)

*Top-tier image generation for presentations.*

- **The Problem:** You are teaching a history module on the Malacca Sultanate and want to visualize a busy trading port from the 15th century, but no photos exist.
- **The Drill:** Open **Google Slides** > Click "Create Image with Gemini".
- **The Prompt:** *"A bustling 15th-century port in Malacca, wooden sailing ships with colorful sails, traders of different ethnicities exchanging spices, oil painting style, detailed."*
- **The Result:** A custom, historically grounded artistic visualization that brings the era to life.

## 7. The "Grant Writer" (Gemini in Docs)

*Long-form content creation and refinement.*

- **The Problem:** You have a rough bulleted list of ideas for a research grant but need a formal "Statement of Purpose."
- **The Drill:** Open **Google Docs** > Click "Help me write".



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- **The Prompt:** *"Draft a formal Statement of Purpose for a research grant application based on these bullet points. The tone should be academic, persuasive, and emphasize the social impact of the study."*
  - **The Result:** A polished 500-word draft that you can edit and refine, saving you 2 hours of writing time.

## How to Activate

You don't need to install anything. Just look for the **Sparkle Icon (✨)** or the **"Ask Gemini"** star in the top right corner of Docs, Sheets, Slides, and Gmail.



Tab 2

As you approach your final year projects and thesis defense, the volume of reading and synthesis required can be overwhelming. To support your research, the university has upgraded your account with access to **NotebookLM Enterprise**.

**What is NotebookLM?** It is a "grounded" AI research assistant. Unlike ChatGPT, which pulls from the open internet, NotebookLM **only knows what you upload**. You feed it your 500 references, and it becomes an expert on *your* specific research topic—complete with page-level citations.

### **Why use the Enterprise version?**

- **Your Thesis is Private:** Your data is **never** used to train Google's public models. Your unpublished research remains your intellectual property.
- **Higher Limits:** You can upload up to **500 sources** per notebook (PDFs, Audio, Slides, Websites).
- **Audio Overviews:** Turn your entire reading list into a 15-minute "podcast" discussion to listen to while commuting.

### **How to Start:**