Google for Education

WiFi

**ALPHABET-GUEST** 

### Welcome

**Leader Series 2025** 

**Ireland** 







Introducing:

Grace Kelly & Fiona Law
Google for Education



### Welcome



10 miles

50 miles

100 miles

### Meet our partners















Find our Google Partners in the foyer

# Say hello





goo.gle/flexit



# Agenda

Learn from the learners

Keynote: Izzy wheels

Class tools

#### Quick coffee break



Workshop rotation 1 (1.45pm)

Workshop rotation 2 (2.35pm)

#### Quick coffee break



What's new with Google for Education?

Happy hour (4-5pm)



Google for Education Proprietary + Confidentia









### Housekeeping



We asked Veo 3 to help us out with housekeeping...

Welcome to The Foundry, Google Dublin

# About the space

- Getting around
- Headshots in Copper
- Food and drinks in the Forge
- Workshops Spark, Kindling & Bewley's cafe, if needed
- Quiet space Farmer's market
- Getting outside
- Emergency exits



Google for Education Proprietary + Confidentia

# St. Mary's Secondary School





# St. Mary's Secondary School



Charleville, Co. Cork

### Speakers

- Marion Tuohy, Digital Strategy Coordinator
- Lillian Waters, AEN Coordinator
- Ava and Emma 5th Year
- Wiktoria and Emma 2nd Year
- Niamh and Lucy 1st Year

### **About Us**



Voluntary Secondary School

All girls

**Enrollment: 350** 

Staff: 35

stmaryscharleville.ie



### Our Google Journey

2014 Gmail introduced

2018 Google Classroom introduced

2020 Trolley of Chromebooks for student use purchased. Google Meet and Classroom used for online teaching

**2021** Staff chromebooks purchased. Chromecasts installed in all classrooms.



A buy your own device policy (BYOD) is introduced for First Year and TY students.

BYOD extended to all students. SMART boards introduced to some rooms.

Teachers start training for Google Educator Level 1 exams. Introduction of Education Plus for all students and staff.



#### 2025

Introduction of Chrome Education Upgrade licensed devices for First Years.

Purchase of Gemini Al Pro for teachers.

60% of staff have either Level 1 or Level 2 Google Educator exam completed.

### 2025 Google Reference School and Digital Empowerment Award





# Our Google Highlights

## Google Sites

Used by all students from 1st to TY to create a Digital Portfolio to showcase and reflect on their work.

#### Use by staff to collaborate:

- Learning and Teaching
- Digital Strategy
- Whole School Guidance
- Policy and Procedures



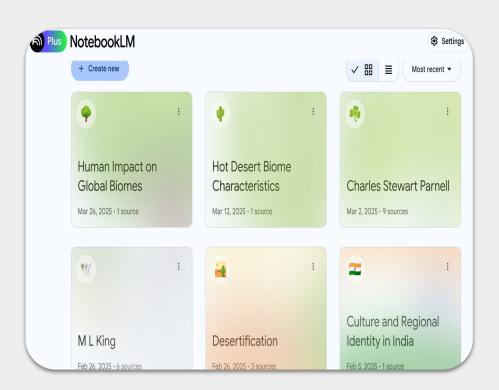
### **Notebook LM**

Used by staff to generate resources:

Mind maps, summaries, quizzes

Audio overviews - different languages available

Video overviews



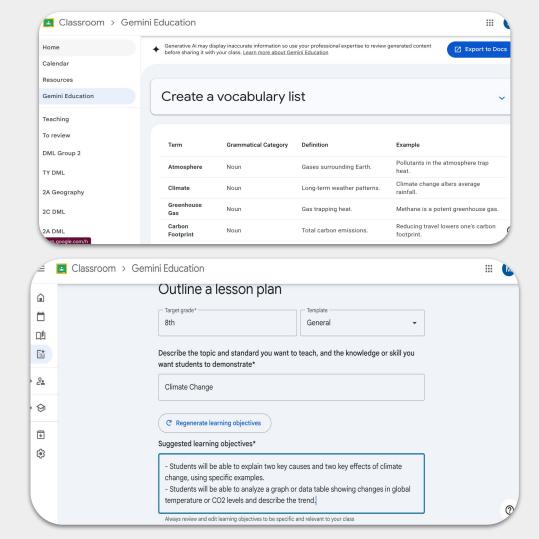
### Gemini

Used by staff:

Quizzes, vocabulary lists, brainstorming, exit tickets, Google Forms, rubrics . . .

**Planning** 

Re-level text



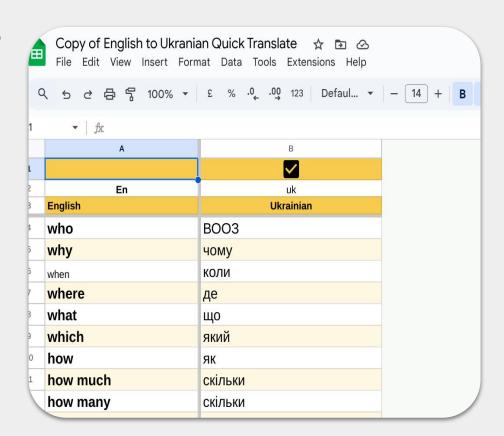
### **EAL Resources**

Google Translate

Google Sheets Translator

Notebook LM - audio overviews

Live Captions in different languages - Class Tools and Google Meet



### **Class Tools**

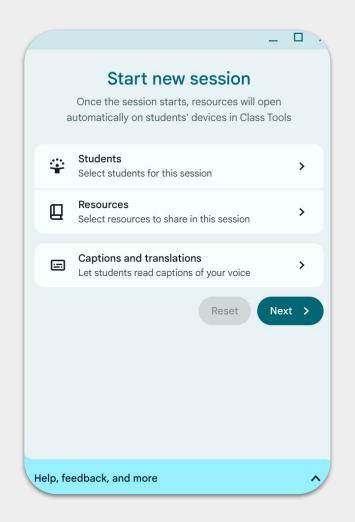
Assign work directly to student chromebook.

Choose what resources they can access.

Check in on individual students.

Provide live feedback to students.

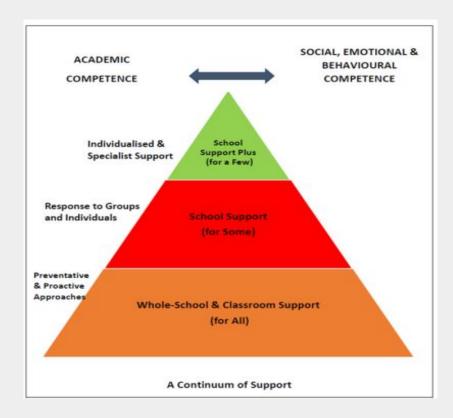
Allow students to use captions and select language.



# Lillian Waters AEN Coordinator

### Vision: An Inclusive Digital Classroom

In line with the NEPS Continuum of Support framework, our goal is to leverage technology to provide targeted and effective support for all students with Additional Educational Needs (AEN).



Google Workspace offers a suite of powerful, integrated, and accessible tools that empower students and streamlines support from the AEN Department.

### **AEN Department Workflow:**

**A Connected System** 

#### **Step 1: Referral of Concerns with Google Forms**

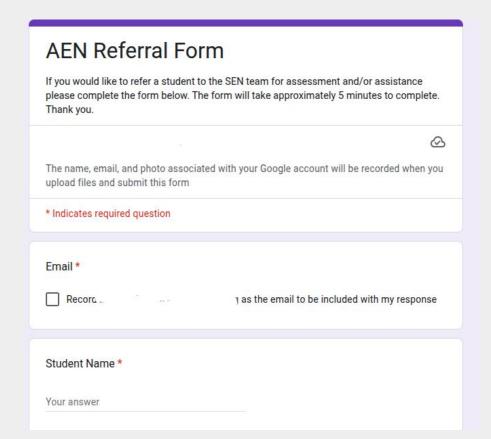
#### **AEN Referral Form.**

#### **How it Works:**

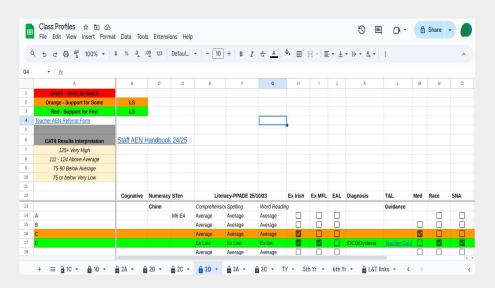
- standardised form
- Submissions are private and go directly to the AEN department.

#### **Benefits:**

- Consistency
- Trackability



#### **Step 2: Creating Class Profiles in Google Sheets**



A Bird's-Eye View of Every Classroom 🧖



The **Class Profile** contains a snapshot of student assessment, needs and recommended classroom accommodations.

#### **How Google Sheets Helps:**

- Collaboration
- Accessibility
- **Easy Updates**

#### **Step 3: Managing the School Provision Plan**

Whole-School Planning & Resource Allocation

The **School Provision Plan** is our master Google Sheet for tracking all AEN support across the school.

#### Benefits of using Google Sheets:

- Centralised Data
- Data Analysis
- Reporting



#### **Step 4: The AEN Handbook in Google Docs**

### A Living Document for Teacher Support

Our **AEN Handbook** is a shared Google Doc that acts as a dynamic resource for all staff.

#### Why Google Docs is Perfect:

- Always Up-to-Date
- Searchable
- Collaborative

St Mary's Secondary School Charleville



AEN Staff Handbook

2025 - 2026

### Student-Centred Tools: Strategies for Diverse Learning Needs.

# Supporting Students with Dyslexia & MGLD Overcoming Barriers in Reading & Writing



- Google Docs Voice Typing (Dictation)
- NotebookLM audio or video overview
- Text-to-Speech (e.g., Read&Write for Google Chrome)
- Spelling & Grammar Check
- Accessible Fonts: Lexend/Arial/Courier
   New

#### **Supporting Students with Dyscalculia & ADHD**



### Tools for Organisation, Focus, and Numeracy

- Google Sheets for Maths
- Google Keep for organisation
- Google Calendar reminders
- Google Classroom for communication & structure

#### Students with ASD, DCD, Speech, Hearing & Physical Difficulties

#### Making the curriculum accessible to all:

- Enhancing communication & predictability
- DCD (dyspraxia): Voice Typing
- Hearing difficulties: Live Captions
- General accessibility in ChromeOS and the Chrome browser.

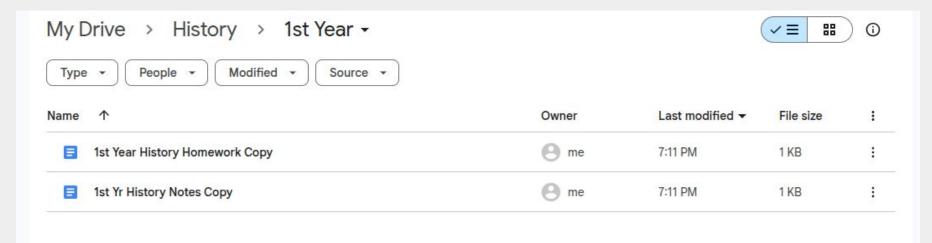


### Fostering Independence: The Digital Workflow

#### The Digital Copy

#### File Management in Google Drive:

- E.g. History folder/1st Yr/Notes/Homework
- Reverse-chronological format & Tabs
- Shared with Teacher/SNA



#### In- Class SNA Support



- SNA access to live Google Doc
- Scribe /Organiser / Note-taking
- Allows the SNA to sit away from the student while supporting.
- Allows multiple students to be supported simultaneously.

#### The Result:

#### Student independence & confidence

By embedding Google Workspace into our AEN provision, we move beyond simple accommodation towards true inclusion.

# Ava and Emma 5th Year

#### Use in the mini company

Google Docs for planning

Google Sheets for finance

 Google Forms for customer feedback and taking orders



#### Use in the musical

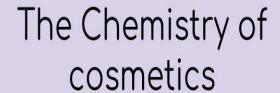
Gmail for spreading word

Docs for script

 Google Meet to keep in contact with musical producers



Use in class projects
Slides and Docs



By Emma Bohane









### Digital Portfolios in TY

We used Google Sites to create a Digital Portfolio in TY.

We had a DML class every week where we learned to create our site and got time to update it.

We uploaded examples of work from all of our subjects and modules.



We included reflections on all our activities.

At the end of the year, our site formed an important part of our assessment.

We were interviewed by teachers who went through our site and asked about the different things we had done in TY.





The Burren 11/9/24 - 13/9/24

Some students in TY used Google Sites to make a website for their mini company products.

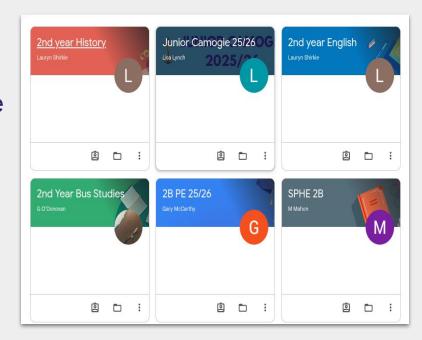
In summary, Google Sites is a great way to showcase your work and it is really easy to use.

# Wiktoria and Emma 2nd Year

#### Google in my everyday life at school

I use Google platforms everyday in school. For example, a teacher might put up notes she was using on Google Classroom so that students that are absent or didn't finish taking down notes can catch up.

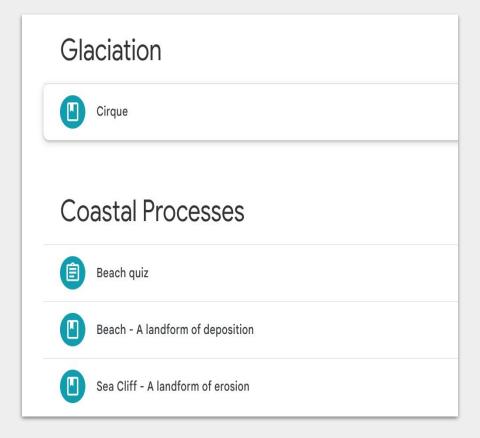
Teachers also share material such as videos and links to relevant websites.



It is easy to find all your notes in Google Classroom because everything is organised by topic.

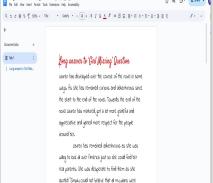
We use Google Classroom to complete assignments and submit work such as first drafts of our English essays.

We can ask questions on Google Classroom in the stream.



#### Google Slides & Google Docs

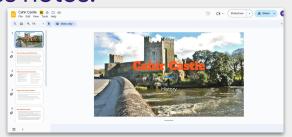
#### Google Docs



#### **Google Slides**



With Google Slides it has been easy and fun to make presentations for slideshows and assignments. It is also a way for teachers to make and show the class notes.



#### My Transition to St. Mary's using Google

My transition to St. Mary's has been a lot smoother because of Google. Before I even started St. Marys, they sent out a Google Form "Getting to know you". From Easter of 6th class we & our parents received regular emails as part of the Transition to St. Mary's Programme



#### **Extra-curriculars and Google**

There are lots of extra curricular activities available in St. Mary's. Google Classroom helps with knowing what's going on sports wise for example we use Google Classroom to get knowledge on when there are matches, information about the proper gear to bring and the days trainings are on. It makes communication much easier.





# Lucy and Niamh 1st Year

#### Chromebooks

I love having a Chromebook for school use.

They make learning very fun.

They are very easy to use.

We learn how to use them in Digital Media Literacy Class.



On one of our first days in school, we were given our Chromebooks.

The Wifi was already connected and all the apps we would need were downloaded for us.

Now all our books are available as ebooks as well and we have a choice which to use.



#### Class Tools

Teachers use this to give us classwork.

They give us a set amount of time to get the work done and give us resources to help.

We complete worksheets and Google Form quizzes.



The teacher sometimes gives us hints in Google Chat if we are finding something difficult.

No one else can see this which everyone likes!

Some girls in our class who do not speak English as their first language, can turn on live captions in their chosen language.

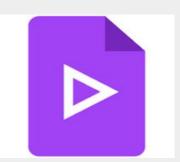
They find this very useful.

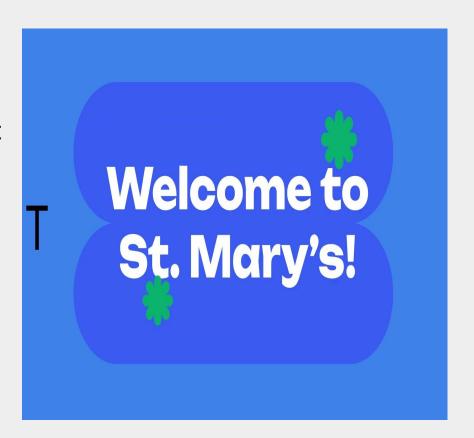


### Google Vids

Our Transition Year students have started using Google Vids in project work this year. We asked them to make a short video to end our presentation.

Thank you all for listening!





## Leader Series Ireland





## If you can't stand up, stand out.

Ailbhe and Izzy Keane

Founders, Izzy Wheels











#### **PROBLEM**

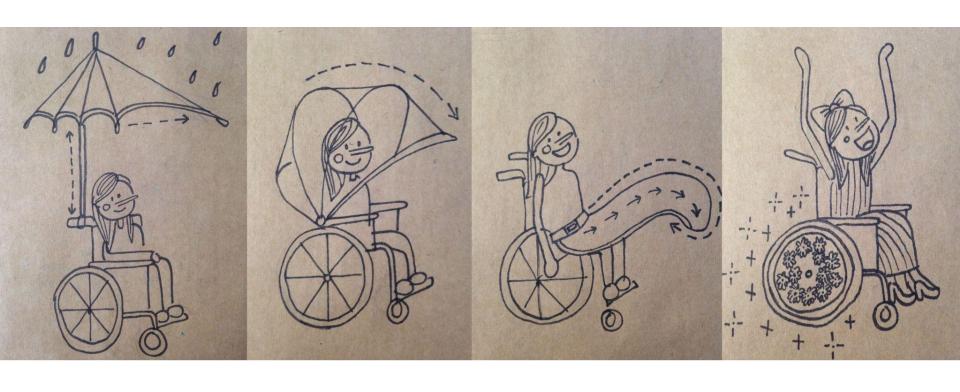


**POOR AESTHETIC** 

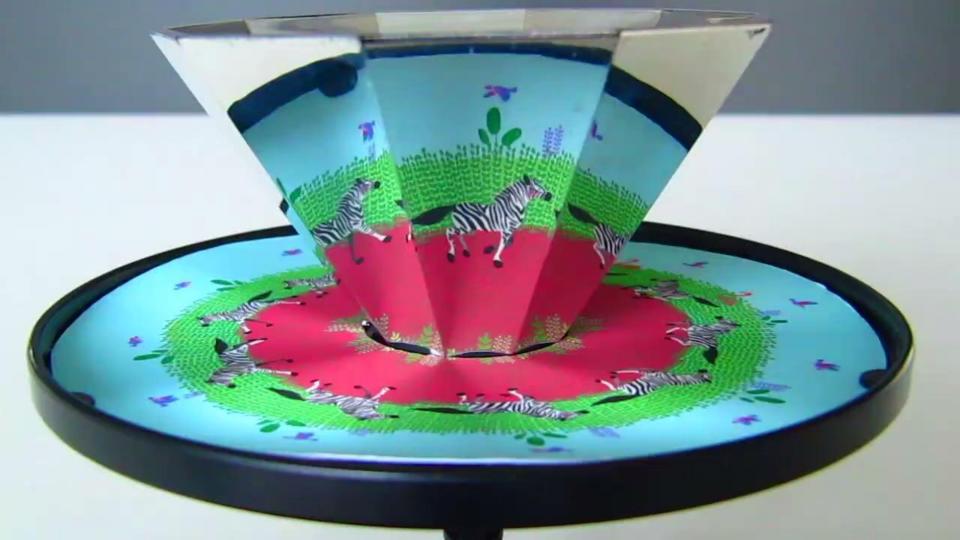


**NEGATIVE ASSOCIATIONS** 



















Izzy Wheels featured on INSIDER Art!! 🂖 🢖

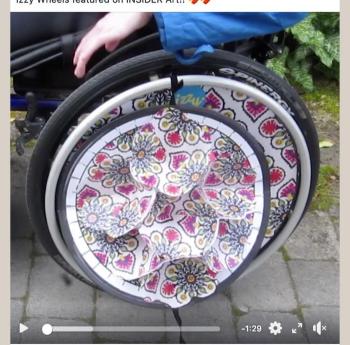


...

17,872,443 Views



These designs turn wheelchairs into works of art.



...

**17 Million Views** 

17,872,443 Views

ART INSIDER OMAY 25, 2017 · 🕥

These designs turn wheelchairs into works of art.

#### 7.8 MILLION WHEELCHAIR USERS IN EUROPE AND US



































RTE

16 MILLION VIEWS



INSTAGRAM'S OFFICIAL STORY





**Forbes** 

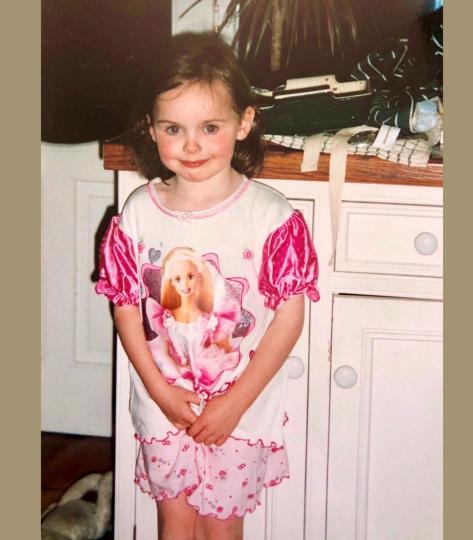


COSMOPOLITAN

**TOP STORIES** 

#### **MARKETING**





# izzy; X Barbie









Hello Kitty × izzy;







## DISNEP X izzy;



















Disnep x izzy;

#### DISNEP X izzy;



#### Disnep x izy;



#### DISNEP X izzy;



### MARVEL X izzy;





X izzy;



MARVE x izzy;

#### MARVE x izzy;



### THE STORY OF DISNEY X izzy;

#### HAVE YOUR **BIG** DREAM IN MIND... NO MATTER HOW FAR REACHED IT SEEMS



- Don't be afraid to tell people about your dream
- Base your decisions with the goal in mind
- Remind yourself of the value you bring
- Don't be afraid to negotiate
- Never sign a contract unless you understand every single word
- REMEMBER They are people just like you

# izzy; SPOKES PEOPLE





























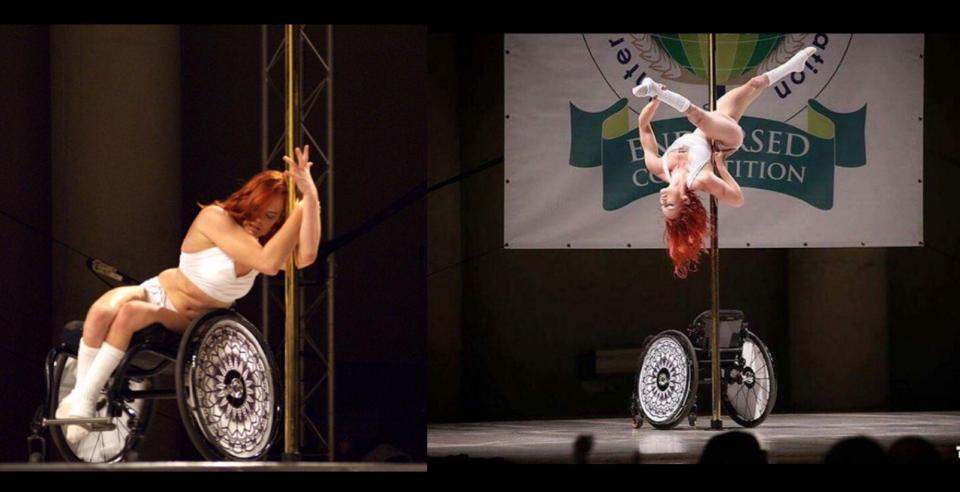




#### **BUILD STORIES**





















## Leader Series Ireland

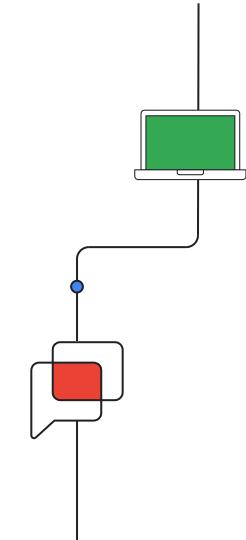


Google for Education

# Future of the Chromebook classroom



Andy Russell
Group Product Manager
ChromeOS EDU



### Education has evolved from the early days of EdTech

Computer Labs Classroom Laptops



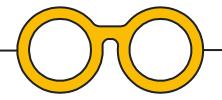
Google for Education

#### Our teaching tools need to evolve too

Sage on the Stage Guide on the Side

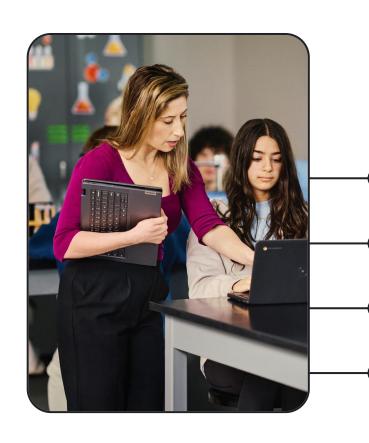
Lecture Halls Production Studios

Independent Study Group Learning





Google for Education Proprietary + Confidentia



#### With Chromebook Plus, teachers can move freely around their classrooms to engage with students

Chromebooks are **portable and lightweight** with dynamic features like touch and stylus support for use on the go

Devices keep a **battery charged** for the school day – no need to interrupt class or tasks to recharge

Educators can encourage student engagement by **sharing content to students' Chromebook screens** and providing **live captioning** 

**Automatic updates** happen in the background, so Chromebooks get better as students and educators keep working

Google for Education Proprietary + Confidentia

## **Digital Whiteboards**

## Classroom Hubs

The ~14 million interactive flat panel displays and smart boards<sup>1</sup> in classrooms globally easily become outdated, tough to manage, or incompatible with other classroom tech.

Modernize your tech and empower collaboration with **Chromebox OPS**, a plug-in device that maximizes your existing interactive flat panel displays (IFPDs) and smart board investments.



Google for Education 1. Futuresource Consulting, 2021.

## Camera Studio 📦



Use a document camera to project paper worksheets and handwrite math problems in front of the whole class. Most document cameras come with companion apps, but previously many were incompatible with Chromebooks.

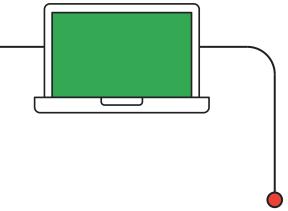
Now, there's a universal document camera app, Camera Studio, that will work with most hardware – use this app to present, annotate, freeze, zoom, and mirror your document camera onto your Chromebook or Chromebox OPS.

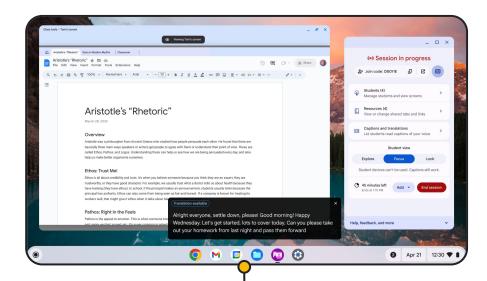
Camera Studio will be available in the Google for Education App Hub. Document cameras can be found in the Works with Chromebook program; some even go beyond documents and can record people and objects, like a science experiment.



## Class Tools 🔼

Keep students on task with a new set of real-time control and student engagement features for managed Chromebooks, available with Google Workspace for Education Plus.





# Class Tools supercharges your classroom



#### **Teachers**

- Jump start lessons by sending content to student screens
- Monitor screens to ensure students are staying on task
- Share a student's screen to celebrate great work



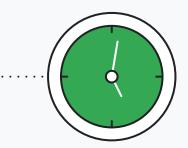
#### **Students**

- ✓ Follow along with captions of live instruction
- ✓ Learn in your primary language
- Stay focused on the instructional resources

Google for Education Proprietary + Confidentia

Did you know that...

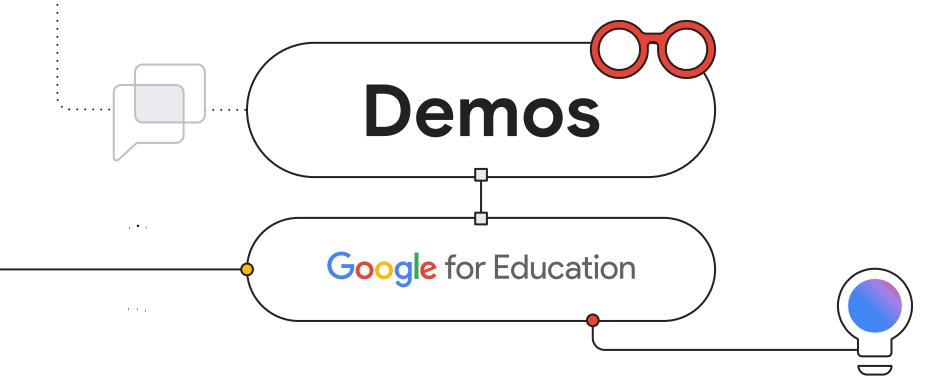
40% of students
are learning in a secondary language?





#### **Class Tools**

real-time translates lessons into students' preferred languages right on their Chromebooks.



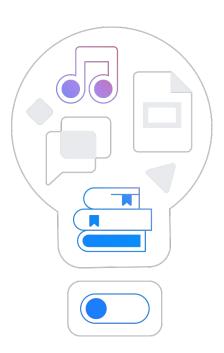
# Leader Series Ireland



Google for Education

## What's new in









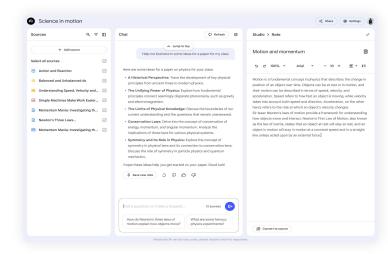
## Andy Caffrey Canopy Education

## Empower your education community with secure, free of charge generative AI tools



#### **Gemini for Education**

Plan lessons, differentiate learning materials, summarize content, and more at <u>gemini.google.com</u>



#### NotebookLM

Understand anything with AI that's grounded in your sources at notebooklm.google.com

Core Services with enterprise-grade data protection: data isn't reviewed or used to train Al models

## Enterprise-grade and certified

## **Al-powered assistant**

#### Gemini for Workspace compliance standards:

- GDPR
- CCPA
- HIPAA
- CSA STAR
- ISO 27001/17/18
- · ISO 27701
- · ISO 9001
- SOC 1/2/3













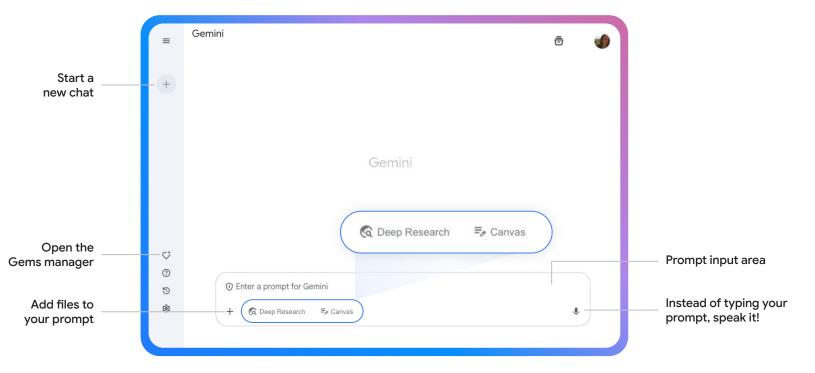
### Gemini app compliance standards:

- GDPR
- CCPA
- CSA STAR
- · ISO 27701
- SOC 2/3
- · HIPAA (2024 October)
- SOC 1 (2024 Q4)
- · ISO 27017/18 (2024 Q4)
- · ISO 27701 (2024 Q4)
- · ISO 9001 (2024 Q4)



Your Al-powered assistant for education

## **Anatomy of the Gemini app**

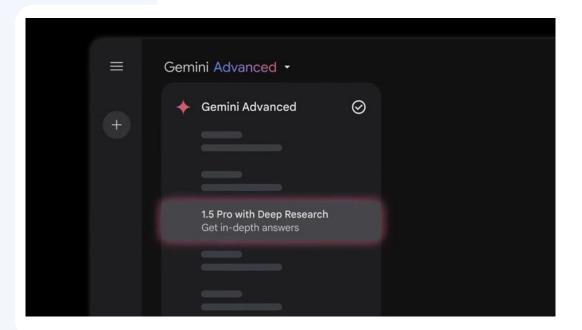


### Deep Research:

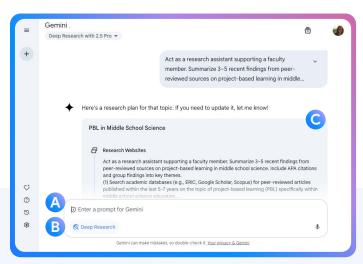
## Generate in-depth reports in minutes

Get up to speed on just about anything with Deep Research, an agentic feature in Gemini that can **automatically** search up to hundreds of websites on your behalf, think through its findings, and create insightful multipage reports with citations.

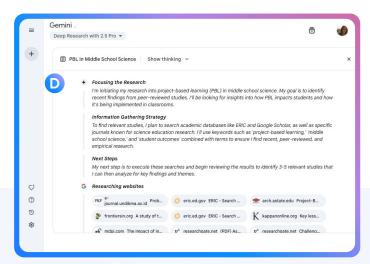




### **How Deep Research works**



- A Initiate your request. Submit your prompt in Gemini.
- Select Deep Research mode. You can do this in two ways:
  - Choose "Deep Research" from the options at the bottom of the chat box.
  - Alternatively, select "Deep Research" using the model picker located under the Gemini logo at the top of the interface.
- Review and refine the proposed research plan. Gemini will develop and present a draft research plan. Take this opportunity to review it and make any edits or refinements to better suit your needs (for example, ask to "add a section on implementation costs" or "include international examples").



- Start the research and observe execution. Click "Start research" to begin. You can then watch in real time as Deep Research executes the plan and gathers information.
- Observe the comprehensive report. After the research is complete, Gemini will provide you with a detailed report.
- Tip: After your report is complete, you can ask Gemini follow-up questions about it.

  These questions do not count toward your monthly limit of Deep Research reports.

#### **Gemini Canvas:**

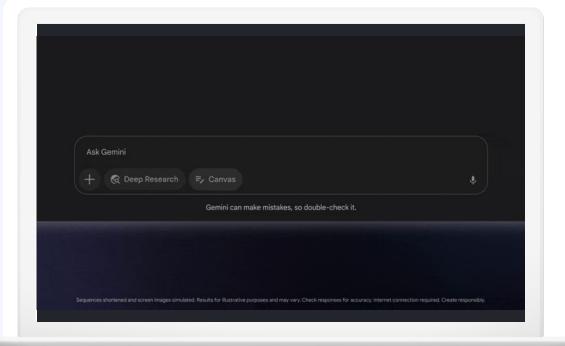
## Create, code, and collaborate with Gemini in one space

Gemini Canvas is an interactive workspace for turning your ideas into polished creations. Transform your prompts into an editable canvas for creating lessons, coding projects, or building resources – and evolve your thinking visually in real time. Your content instantly updates and you get Al-powered suggestions to level up your work. This space is designed for rapid iteration, allowing you to easily refine and develop your concepts.

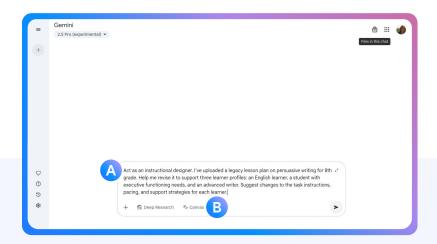
#### Use Canvas to:

- Draft editable documents, lesson plans, or study guides in real time
- Build and test working code that can be exported into Google Colab
- Edit copy tone, length, formatting, and content
- Export to Docs, then copy, or present what you've built instantly





#### **How Gemini Canvas works**



Revised Persuasive Writing Lesson Plan Adaptations Act as an instructional designer, I've uploaded a legacy lesson plan on persuasive writing for 8th This document outlines suggested modifications to the 8th-grade persuasive writing lesson plan to support three specific grade. Help me revise it to support three learne. learner profiles: an English learner, a student with executive functioning needs, and an advanced writer. General Considerations Before diving into specific profiles, consider these general strategies: · Visual Aids: Use graphic organizers, anchor charts, and visual examples liberally. . Modeling: Explicitly model each step of the writing process Okay, I can help you with that. Revising a lesson plan to meet the . Checklists: Provide checklists for tasks and essay components needs of diverse learners is a great way to ensure all students can access and succeed with the material. Based on the lesson plan you provided, here are some suggestions for adapting it to support an English learner, a Learner Profile 1: English Learner student with executive functioning needs, and an advanced writer. Potential Challenges: Vocabulary, understanding nuanced instructions, grammatical structures, cultural context of persuasive I'll put the revised suggestions into a document format for you. techniques, expressing complex ideas in English. Revised Persuasive Writing Lesson Plan Adaptations Task Instructions (i) Enter a prompt for Gemini . Provide Visuals: Pair instructions with icons or simple illustrations. . Check for Understanding: Frequently pause and ask students to rephrase instructions or check in with a partner . Billingual Support: If possible, provide key terms and instructions in the student's home language or use translation

- A Enter your prompt in the Gemini chat box.
- B Select "Canvas" from the options at the bottom of the chat box.

Gemini opens Canvas in a pane separate from your chat. The Canvas output is fully editable – you can update it yourself or ask Gemini to refine and revise the content. When you're ready, just click "Export to Docs" to continue working or share.

### **♦** Gemini

Create an image of a grumpy teenager who is good at coding sitting at a computer but not really wanting to do anything



# Personalize Gemini with Gems: custom Al experts for any topic

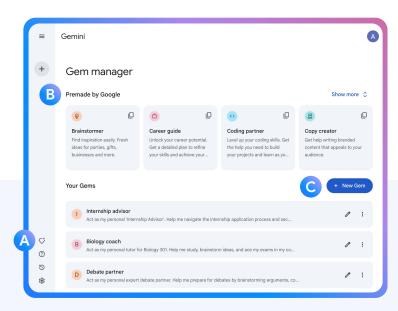
A Gem is a customized version of Gemini that you can create with specific instructions to act like an expert on a certain topic or follow particular guidelines every time you use it.

You can get started with Google's premade Gems like Learning coach, Career guide, and Brainstormer.

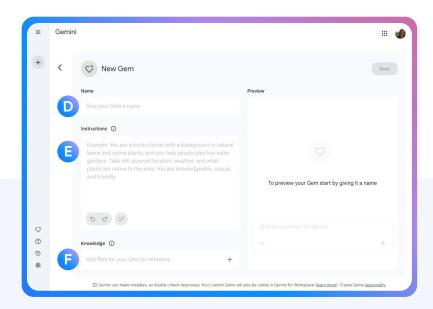




### Leverage premade Gems or create your own



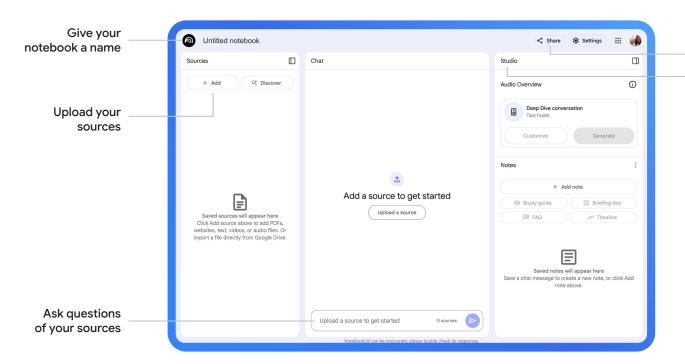
- Gem manager your one-stop shop for all your Gems
- B Get started easily with premade Gems by Google
- C Create a new Gem built to tackle your specific needs



- D Give your new, personalized Gem a name
- Provide detailed instructions to make your Gem work for you
- F Optional: Upload files to give more context and get more helpful responses

## **MotebookLM**

### **Anatomy of NotebookLM**



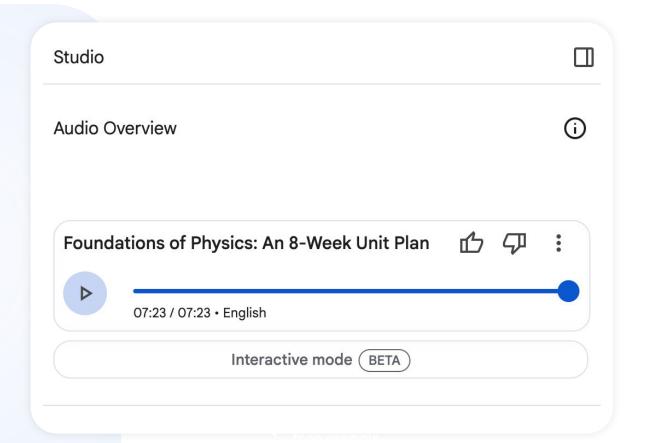
(Optional) Share your notebook with colleagues or students

(Optional) In the Studio panel, generate a podcast-style audio overview, study guide, FAQ doc, and more

### Listen and learn on the go with audio overviews

Audio overviews turn your sources into a podcast-style summary, voiced by two Al hosts. It's a fast, engaging way to absorb your materials, and it's perfect for multitasking or auditory learning.

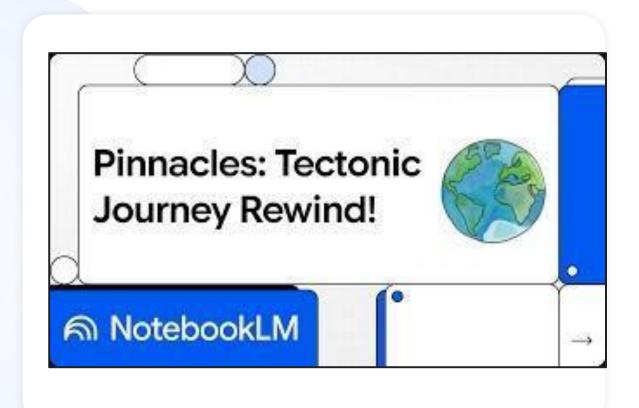
With just one click, NotebookLM summarizes your notes, lesson plans, documents, research, articles, website links, or videos into a conversational audio file. And with the **Customize** feature, you can guide the hosts to focus on what's most important to you.



# Turn your sources into engaging visual explainers with Video Overviews

Video overviews transform your sources into a quick, illustrated video summary with Al-powered hosts. It's a dynamic way to visualize your content and is ideal for visual learners or for quickly getting the gist of a long document.

With a single click, NotebookLM can now create a video from your lesson plans, research, articles, or other sources.





## Questions?



## Thank you

Google for Education

# Leader Series Ireland





# What's new from Google?

Link to publicly available slides





# Introducing: Amanda Rosenburg

### Why research?

- Understand emergent themes in education
- Identify future and immediate needs
- Validate (or invalidate) core hypotheses
- Prioritize the product roadmap
- Fix critical usability issues
- Evaluate new designs iteratively
- Determine the level of learning impact
- Discover the language and mental models of our users



Google for Education Proprietary + Confidentia

### User needs vary widely based on their role, understanding these needs is key











Co-teachers



Administrators



Technology experts



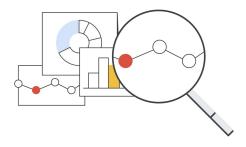
#### PRODUCT DEVELOPMENT: A NON-LINEAR JOURNEY



## Product development is rarely a straight line

The stages of defining and designing a feature can sometimes occur asynchronously, concurrently, or in loops if further iteration is required.

## Understand



## Ideate

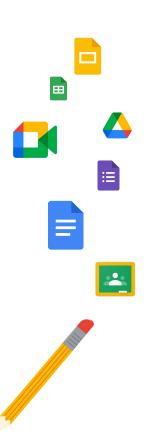


## Feedback

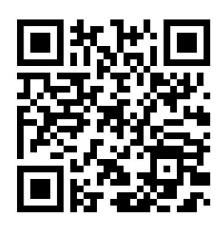


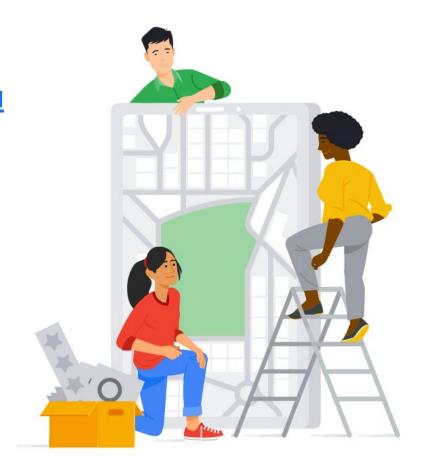
#### Google for Education

We want your voice to help shape the future of edtech



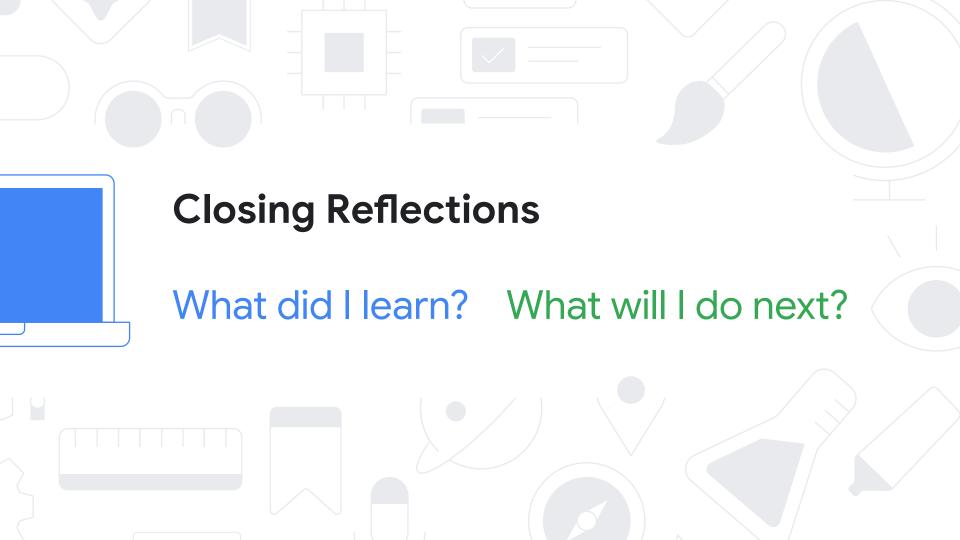
## Interested? <a href="https://tinyurl.com/GWfEdu">https://tinyurl.com/GWfEdu</a>





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## You are invited!

## NEW: Gemini Certified Educator is now live

**EDUcertifications.google** 





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#### Gemini Educator

Demonstrate your understanding of Gemini and responsible integration of Google AI for enhanced productivity, student success, and innovative learning experiences.

Register >

# Getting started with Gemini

goo.gle/GetstartedwithGemini →



## Your teachers are invited!

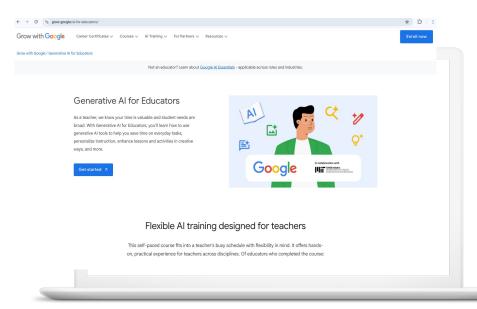












bit.ly/google-cert-educator →

## Your staff are invited!







# Your schools are invited!





Google for Education Reference School





## Your IT directors are invited!

Join us for the annual Google for Education IT Admin Summit





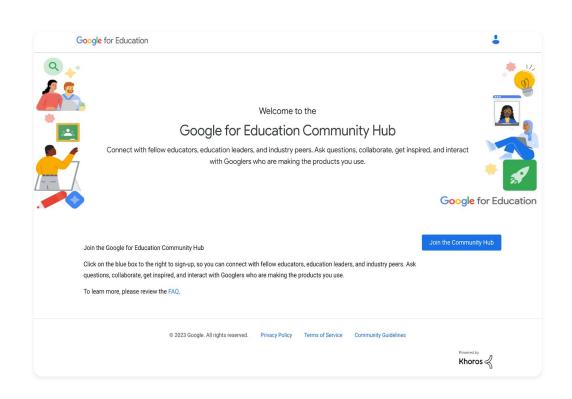


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## Google Community Hub

googleforeducommunity.com →





## Feedback survey:



## goo.gle/ireland-feedback



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## Thank you

## **Happy hour**

