# Get to Know NotebookLM

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# *Why this is important:*

- GenAI increasingly everywhere
- Our responsibility as educators to incorporate good use of these new tools, train students to use them well
- ChatGPT widely used, decent conversationalist, creative
- It 'knows' everything about everything
- Content can be vague, generic, wrong

# *What is NotebookLM?*

- Tool built on Google's Gemini LLM
- Marketed as an 'AI Research Assistant'
- Uses sources you provide to establish context for your interactions with it

  *Minimizes risk of hallucinations*

- Sources can be added, removed, or selectively excluded during the interaction.

  *PDFs, Word, Text, websites, captioned YouTube videos*

- NotebookLM output cites its sources

# What is NotebookLM?

- Transforms fragmented information into cohesive output

- Inference Engine– it is able to infer the context of the interaction from provided sources

- NotebookLM does not use your personal data, including your source uploads, queries, and the responses from the model for training.

  *This means you have to save useful interactions!*

# Sources

+ Add source

Select all sources ☑

📄 TVA W1 Time periods, Natural Evidence.pdf ☑

📄 TVA W10 Loki and Ragnarök.pdf ☑

📄 TVA W10 popular religion.pdf ☑

📄 TVA W11 Conversion to Christianity.pdf ☑

📄 TVA W11 Social Classes.pdf ☑

📄 TVA W2 Archaeology with Dr. Sarah Jame... ☑

📄 TVA W3 Sagas and non-scan sources.pdf ☑

📄 TVA W3 Scan languages, runes, poetry.pdf ☑

📄 TVA W4 Denmark and Norway.pdf ☑

📄 TVA W4 Sweden, Sami.pdf ☑

# Chat

🤔

# Viking Age slideshows

25 sources

These sources are lecture notes for a Viking Age course, covering various aspects of Norse culture. **The first several sources** explore Norse mythology, cosmology, and religion, including the major gods and goddesses, their attributes, and the transition to Christianity. **Another source** examines social classes in the Viking Age, including the elite, peasantry, enslaved people, and social mobility. **Additional sources** discuss gender roles, mortuary customs, ethnicity and identity, and daily life, including housing and village organization. **Finally**, the last two sources cover Viking Age shipbuilding, sailing, weaponry, and warfare, highlighting the sources used and the methods of analysis employed.

📌 Save to note

📄 Add note | 📊 Audio Overview | 🔷 Briefing doc

Start typing...                25 sources  ➤

How did Norse mythology evolve across different social classes?    How did the ⟩

# Studio

## Audio Overview ⓘ

**Viking Age slideshows**    👍 👎 📤 ⋮

▶ ━━━━━━━━━━━━━━━━━━━━━━━
00:00 / 23:10

Interactive mode (BETA)

## Notes ⋮

+ Add note

🎓 Study guide | 📋 Briefing doc

💬 FAQ | 📈 Timeline

📄 **Conquering the Viking Age Exam (What is the best way to...**
To study effectively for a final exam on the Viking Age, consider these strategies based on the course materials and...

📄 **Viking Age Essay Prompts (includes some questions I...**
Here are some essay questions that would require a strong understanding of the course material to answer well, drawin...

📄 **Viking Expansion: A Chronological Timeline (Can you make...**
Certainly. Based on the provided sources, here is a chronological timeline of Viking expansion, highlighting key...

📄 **(Looking at all of the sources, what three topics are most...**
Based on the provided sources and our conversation history,

# *What can NotebookLM do?*

- Summarize longform content
- Make connections between sources
- Suggest questions tailored to your documents
- Make FAQ, Table of Contents, Timeline
- Generate personalized podcast on your sources



**Audio Overview**

**Generating conversation...**
This may take a few minutes. No need to stick around!

# Uses for Students

- Generate study guide
- Self-assessment with multiple choice questions, T/F questions, essay questions
- Listen to targeted podcasts to reinforce information
- Add assignment info and student work as sources, ask "Does this essay fulfill the parameters of the assignment?"

# Uses for Instructors

- Upload syllabus, learning goals, assignment information, assigned readings, discussion prompts, etc

- Ask: Are all my stated learning goals addressed?

- Generate list of questions to revise/refine for exams

- Generate a rubric based on learning goals and assignment

- Course creation

# *Applications for outside the classroom*

- Peer Evaluation Committee—"Is anything missing from my Reflective Teaching Statement?"

- Grant proposals

- Finding specific information in user manuals/leases/contracts

- Summarize large quantities of information when you start learning something new to you

# What NotebookLM does not do

- Because it is source-grounded, its creativity is more limited than ChatGPT

- Limited to 50 sources (currently)

- Limited source types

- In the same way that LLM tools do not and cannot absolve students of critical thinking, it does not excuse educators from applying the same critical thought.