

Sources into media

Turn a source folder into something students can watch or hear

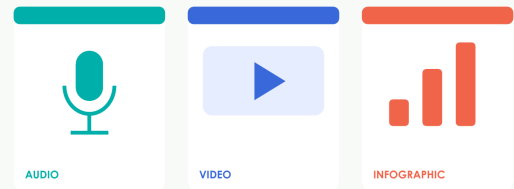
PROJECT 01 / SOURCES

Your first win

A checked infographic, short podcast-style overview or video overview.

Gemini Notebook / NotebookLM

One source folder. Your choice of medium.



Check one fact. Then generate one format.

12–15 min / choose one result

Your recipe

01 Load the sources

Create a notebook. Add both PDFs as separate sources.

02 Check four facts

Paste the prompt. Open one citation and check the claim.

03 Choose one format

Choose one Studio output. Apply the media focus prompt.

04 Inspect a small piece

Check 20 seconds or one panel for facts and units.

05 Save your first result

Save one artifact with a checked fact beside it.

Fallback: open the local example in the project hub.

Paste and build

Use only the two source PDFs. Make a 90-second student explainer about what changes a pendulum's period. First give four verified facts with source IDs. Distinguish a complete oscillation from a one-way swing. Explain the small-angle assumptions and keep fictional observations labelled. Finish with a prediction question and checked answer. I will verify the facts before choosing Audio Overview, Video Overview or Infographic.

Full prompt + follow-up: project hub or prompts folder.

Your check

At 1 m and $g=9.81$, the ideal period is about 2.006 s. Bob mass does not change it. Fictional observations stay labelled.

Try this twist

Use Verified_Survey_Facts.pdf instead to make a staff podcast or video from the survey. Change audience and tone, keep the numbers.

Survey into a visual story

Make an infographic that earns its numbers

PROJECT 02 / DATA

Your first win

A landscape infographic plus the fact sheet behind it.

Work, dots, Grok Bot or Muse with file analysis

15–18 min / choose one result

Your recipe

01 Open the workbook

Open Raw Survey and the codebook. CSV is the alternate.

02 Clean before designing

Request counts and a cleaning log before the design.

03 Check the fact sheet

Check 50 raw, 48 unique and 16 lesson-planning records.

04 Create the visual

Show category counts, n=48 and a synthetic-data label.

05 Try a second medium

Use the checked fact sheet for a notebook media output.

Fallback: open the local example in the project hub.

Your check

Counts sum to 48. Missing numbers stay missing. Confidence change uses 46 complete pairs. Every chart label matches its fact sheet.

Try this twist

Ask for a version aimed at a department head. Keep every number fixed. Change only hierarchy and explanation.

What would we make next?

Synthetic practice survey / 48 unique records



Lesson planning leads this fictional file: 16 of 48.

Invented self-reports cannot show learning impact or represent real educators.

Paste and build

Clean the fictional survey using the codebook. Keep missing numbers missing. Report raw and unique counts and a fact sheet before designing. Make a landscape infographic of NextTask counts with n=48, a synthetic-data label, one supported takeaway and one limitation. Preserve the chart's counts. Return the cleaning log and visual. If file creation is unavailable, provide a reusable layout.

Full prompt + follow-up: project hub or prompts folder.

Build a physics app

Go from a prompt to a working investigation

PROJECT 03 / BUILD

Your first win

A working Swing Lab with controls you can test.

Google AI Studio Build; Antigravity or Work as options

15–18 min / choose one result

Your recipe

01 Open Build mode

Open AI Studio Build in an eligible existing account.

02 Paste the build prompt

Paste the build prompt. Keep runtime physics deterministic.

03 Use the preview

Try length, gravity, mass, Pause, Reset and keyboard input.

04 Check three values

Check 2.006 s at 1 m and 4.012 s at 4 m on Earth.

05 Make one real revision

Use the follow-up prompt. Retest any affected controls.

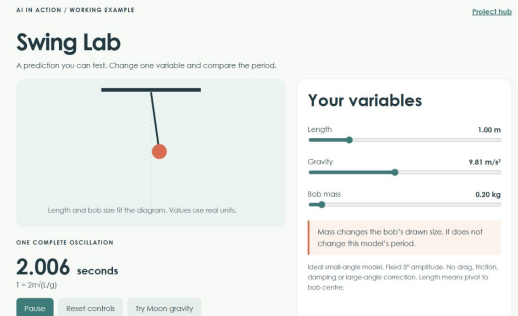
Fallback: open the local example in the project hub.

Your check

The animation and numeric period agree. Units remain visible. Four times the length gives twice the period. Mass changes size only.

Try this twist

Swap the context: gear ratios, a resistor circuit or a projectile. Supply the governing equations and acceptance checks first.



Paste and build

Build Swing Lab as a browser app using $T=2\pi\sqrt{L/g}$. Add sliders for length 0.25–4 m, gravity 1.62–20 m/s² and mass 0.1–2 kg. Use metres and seconds. Animate an 8-degree swing with the calculated period. Mass changes bob size only. Show units, Pause, Reset, a prediction and a model limitation. Include keyboard controls and reduced motion. Use deterministic code with no runtime AI calls. Show the preview.

Full prompt + follow-up: project hub or prompts folder.

Delegate the teaching pack

Give an assistant the whole job and review the files

PROJECT 04 / DELEGATE

Your first win

A student investigation, teacher checklist and quiz with answers.

ChatGPT Work, dots, Grok Bot or Muse with file tools

15–18 min / choose one result

Your recipe

01 Start a fresh task

Start a fresh task and upload the two source PDFs.

02 Give it the whole job

Request finished files, visual style and a review.

03 Inspect the outputs

Open a file. Check a diagram, unit and timing.

04 Change the situation

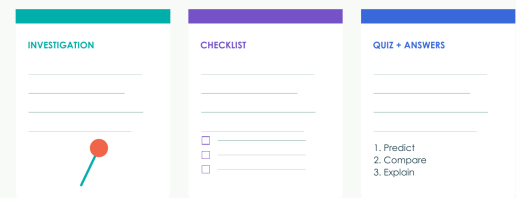
Revise for ten minutes and one shared display.

05 Keep the useful version

Save the revised outputs and name one correction.

Fallback: open the local example in the project hub.

A complete teaching pack



Open the files. Check agreement. Ask for a real revision.

Paste and build

Use the two source PDFs to create a finished student investigation, teacher checklist and three-question quiz with answers. The activity takes 20 minutes with one computer per learner. Include prediction, a controlled comparison and a reflection. Preserve the model, units and period definition. Add one labelled diagram. Inspect the actual files and correct mismatches. If file tools are unavailable, give separate copy-ready sections and state the limitation.

Full prompt + follow-up: project hub or prompts folder.

Your check

Three actual outputs exist or the account limitation is explicit. Student and teacher versions agree. The quiz answer matches the sources.

Try this twist

Give it your own permitted source folder later. Add a real template and audience. Keep a list of facts it must preserve.

Website to finished assets

Give an assistant a source website and a real deliverable

PROJECT 05 / PRODUCE

Your first win

A PowerPoint, PDF, Word document or one-page website.

Work, dots, Grok Bot or Muse with browser and file tools

15–18 min / choose one result

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FICTIONAL EVENT / FINISHED WEBSITE EXAMPLE

Make, Test, Share

One hour. Three stations. A chance to try an idea, test it and make it better.

24 learners 3 groups of 8 60 minutes

Your 60-minute schedule

0-5 min Welcome 5 min	5-20 min Rotation 1 15 min	20-35 min Rotation 2 15 min
35-50 min Rotation 3 15 min	50-58 min Share 8 min	58-60 min Exit reflection 2 min

Your recipe

01 Choose your output

Choose one output format your account can export.

02 Give it the source website

Open the source website or attach the source PDF.

03 Request a finished asset

Request the real file, visuals and a review.

04 Open what it made

Open it. Check the facts and 60-minute schedule.

05 Revise and save

Revise to 45 minutes. Open and save the changed file.

Fallback: open the local example in the project hub.

Paste and build

Open the fictional Maker Day brief with browser tools or use its source PDF. Choose one finished format: five-slide PowerPoint, one-page PDF passport, two-page Word guide or a one-page HTML event website. Preserve 24 learners, groups of eight, three stations and the 60-minute schedule. Ask for useful visuals and inspection of the actual file. Then revise the schedule to 45 minutes and check all changed sections. Download the revised asset.

Full prompt + follow-up: project hub or prompts folder.

Your check

An actual file opens in its intended format. Facts match the source. The first schedule totals 60 minutes; the revised one totals 45.

Try this twist

Make a second format from the same source. Compare what changes between a presentation and a printable guide.