



SCIENGAGE PRO

How to Use the Features on SciEngage Pro

A practical marketing and onboarding guide for smarter science teaching

Bilingual science education • Teacher-friendly AI • One connected workspace

www.sciengage.pro



GETTING STARTED

Start with confidence

SciEngage Pro brings lesson planning, resource creation, classroom management, assessment, communication, and progress insights into one bilingual platform. Use this guide to understand each dashboard feature and build a simple, repeatable workflow.

1

Create or open your account

Teachers can register from the home page. Students and parents use their dedicated sign-in portals.

2

Choose English or Arabic

Use the language toggle at the top of the page. Your choice is saved for later visits.

3

Select a dashboard feature

Enter the required information, review the result, and save, print, assign, or share where available.

The right portal for every user

Teacher Portal

Plan lessons, create resources, manage work, grade learning, and monitor progress.

Student Portal

View assigned work, submit responses, and review results made available by the teacher.

Parent Portal

Follow the learner information and school updates that have been shared with the parent account.

Teacher review matters: AI-generated content and suggested grades must always be checked for accuracy, safety, fairness, age appropriateness, and alignment with school policy before use.

FEATURE GROUP

AI planning and content creation

Turn a teaching objective into reviewed classroom-ready material.

01**AI Lesson Planner****WHAT IT DOES**

Creates structured science lesson plans for a selected subject, grade, topic, and learning goal.

HOW TO USE IT

- Enter the lesson context and goals.
- Generate and review every section.
- Edit, save, duplicate, or print the approved plan.

02**Lesson Library****WHAT IT DOES**

Organizes saved lesson plans for future teaching and adaptation.

HOW TO USE IT

- Search or filter saved lessons.
- Open a plan to review or edit it.
- Duplicate useful work or delete outdated material.

03**Lab Procedures****WHAT IT DOES**

Generates laboratory materials, safety guidance, steps, observations, and discussion prompts.

HOW TO USE IT

- Enter the experiment and available materials.
- Generate the procedure and verify every safety detail.
- Save or print only the teacher-approved version.

04**AI Worksheets****WHAT IT DOES**

Builds worksheets using the selected grade, topic, difficulty, and question types.

HOW TO USE IT

- Choose the worksheet settings.
- Generate and verify questions and answers.
- Save or print the final classroom copy.

05**AI Grading****WHAT IT DOES**

Assists teachers with evaluating responses and drafting consistent feedback.

HOW TO USE IT

- Provide the task, expected answer, or rubric.
- Add the student response and generate an assessment.
- Review and adjust the suggested score before saving.

FEATURE GROUP

Learning and classroom management

Move from planning to delivery, submissions, feedback, and organization.

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Assignments

WHAT IT DOES

Creates tasks with instructions, deadlines, class or grade details, and points.

HOW TO USE IT

- Create and describe the task.
- Set the correct deadline and audience.
- Publish, then return to monitor the assignment.

07

Grade Submissions

WHAT IT DOES

Provides a focused place to review submitted work, scores, and feedback.

HOW TO USE IT

- Select the assignment and student submission.
- Review the work and enter feedback.
- Confirm the student and score before saving.

08

Homework Results

WHAT IT DOES

Summarizes homework outcomes and helps reveal common learning gaps.

HOW TO USE IT

- Select the activity or class.
- Review completion, scores, and response details.
- Use patterns to plan feedback or reteaching.

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Templates

WHAT IT DOES

Stores reusable structures for recurring lessons, assignments, and learning resources.

HOW TO USE IT

- Open or create a template.
- Add reusable sections and instructions.
- Save with a clear name, then copy and customize it.

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Bulk Operations

WHAT IT DOES

Applies supported actions to several selected records at once.

HOW TO USE IT

- Choose the required bulk action.
- Select records carefully and review the summary.
- Confirm the action, then verify the outcome.

11

Calendar

WHAT IT DOES

Organizes teaching dates, assignment deadlines, and classroom events.

HOW TO USE IT

- Move to the required date.
- Create or review an event with accurate timing.
- Check the calendar while planning weekly work.

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Classroom Tools

WHAT IT DOES

Combines core classroom records and day-to-day science teaching tools.

HOW TO USE IT

- Choose the relevant class, learner, subject, or record.
- Create or update the required information.
- Review saved changes before leaving.

FEATURE GROUP

Progress, analytics, and motivation

Use learning evidence to support students and celebrate growth.

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Student Progress

WHAT IT DOES

Shows performance over time and areas that may need support.

HOW TO USE IT

- Select the learner, class, or filter.
- Review several scores and trends together.
- Plan support or enrichment and keep monitoring.

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Analytics

WHAT IT DOES

Presents broader patterns for evidence-informed teaching and school decisions.

HOW TO USE IT

- Choose a period, class, and metric.
- Review charts and repeated patterns.
- Combine the evidence with professional judgment.

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Achievements

WHAT IT DOES

Recognizes participation, improvement, and learning milestones.

HOW TO USE IT

- Review available milestones.
- Choose the correct learner and achievement.
- Use recognition to reinforce effort and positive habits.

FEATURE GROUP

Communication and school identity

Keep learners and families informed with a consistent school presence.

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Messages

WHAT IT DOES

Supports organized communication between people involved in learning.

HOW TO USE IT

- Choose the correct conversation or recipient.
- Write a clear professional message.
- Review the recipient and text before sending.

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Parent Portal

WHAT IT DOES

Gives parents an appropriate view of learner information and school updates.

HOW TO USE IT

- Use the dedicated parent access route.
- Verify the linked learner where applicable.
- Review progress, work, grades, and notices made available.

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Parent Notifications

WHAT IT DOES

Helps schools prepare and send relevant updates to parents.

HOW TO USE IT

- Choose the intended learner, class, or audience.
- Write and verify the update.
- Confirm all recipients before sending.

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School Branding

WHAT IT DOES

Applies approved school identity details to supported platform areas and resources.

HOW TO USE IT

- Open the feature with an authorized account.
- Add official current details and visual assets.
- Preview proportions and clarity before saving.

FEATURE GROUP

Plans, access, and integrations

Understand account access and prepare connections to other learning services.

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Plans & Pricing / Upgrade Plan

WHAT IT DOES

Explains available plans, included tools, limits, and upgrade choices.

HOW TO USE IT

- Compare the displayed plans and terms.
- Confirm the correct account and option.
- Complete the on-screen process and retain the receipt.

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Google Classroom

PHASE 1 • READ ONLY**WHAT IT DOES**

Securely connects a Google teaching account to show real active courses the teacher teaches and their published classwork. Phase 1 is read-only.

HOW TO USE IT

- Sign in and open Google Classroom.
- Connect the intended Google teaching account and review the read-only permissions.
- View real active courses and published classwork, or disconnect to revoke access.
- Roster import, assignment publishing, submissions, and grade return are not included in Phase 1.

FROM IDEA TO IMPACT

A repeatable workflow for better results

1	Plan: define the topic, grade, goals, and success criteria.
2	Create: generate or build the lesson, lab, worksheet, or assignment.
3	Review: check accuracy, safety, fairness, language, and school requirements.
4	Deliver: save, print, publish, or assign the approved material.
5	Measure: grade learning and review progress and analytics.
6	Improve: adapt the next lesson using the evidence collected.

**Make science teaching
smarter, simpler, and more
engaging.**

Create a teacher account and explore SciEngage Pro today.

www.sciengage.pro

Feature availability may depend on the account and plan. Google Classroom Phase 1 is live and read-only; later roster, publishing, submission, and grade-return capabilities are not included.

Smart Tutor — Current Workflow

Feature update · August 2026 · Cambridge Grades 1–12

What changed

Smart Tutor now requests fresh topic-specific lesson content from the site's server-side AI service. The old text-only PPTX export and old Print/PDF option are removed. The current PowerPoint button creates a real editable .pptx file.

Fresh AI lesson content

Open Smart Tutor, select a saved topic, and open AI Slide Generator. Select Generate slides with AI. The service creates new objectives, lesson slides, vocabulary, and practice questions for the selected subject, grade, and topic. Regenerate when you want a different version.

- Review the generated title, objectives, content, vocabulary, class activity, quick check, summary, and closing slide.
- The deck is saved to the lesson so it can be previewed again.
- Use the language toggle before generating when you need Arabic content.

PowerPoint download

Select Download PowerPoint (.pptx) to save a real editable PowerPoint deck. Teacher notes are included in the PowerPoint speaker notes when available. You can edit the deck and send it to students.

AI lesson video

Select Generate video in AI Video Generator. Smart Tutor requests fresh AI lesson content first and then renders that content as an animated 16:9 lesson video in the browser. Choose seconds per slide and whether teacher notes appear as captions. Keep the browser tab open while it renders.

Smart Tutor — Practice and Sharing

The teacher remains in control of the final lesson materials.

Practice activities

Open Practice activities for Speed Quiz, Term Match, or Truth or Myth. These activities remain available; they are separate from the removed old PDF and PPTX export controls.

- Open Teacher question bank to create or edit at least 10 Speed Quiz questions.
- Each Speed Quiz question supports four answer options, a correct answer, and an explanation.
- Add Term Match pairs and Truth or Myth statements, then select Save question bank.
- The saved bank becomes part of the lesson's practice activities.

Video and YouTube support

Upload only a teacher-owned or otherwise authorized video. Use the recommended YouTube title, description, tags, and search link as planning support. SciEngage does not automatically upload to YouTube or copy YouTube videos.

Teacher review is required

AI-generated material is a starting point. Check facts, examples, safety, language, accessibility, age suitability, and school requirements before sharing it with students.

Support

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