



# The Hub of Active Learning in Classrooms / A collaborative learning platform designed for deeper thinking

Creative thinking is the ability to generate, refine, and clearly express ideas in one's own words — ideal for inquiry-based classrooms and reflective learning environments.

## Experience it in your classroom

### Start a free trial

Free Trial Available

- Free trial accounts for both teachers and students
- Training support available during the trial



Special Campaign!

Connect with us on WhatsApp — Start a free trial today



Price



Teacher Accounts Free



Student Accounts Per Student, Per Year  
Contact us for institutional pricing

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[@LoiLoNote India](#)

[@loilonote\\_india](#)



14,000+ Schools Worldwide

30M+ Daily Active Users

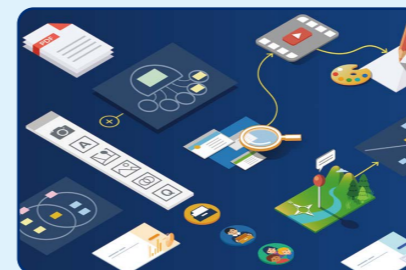
60.4% Daily Usage Rate

Used by Over 50% of schools in Japan



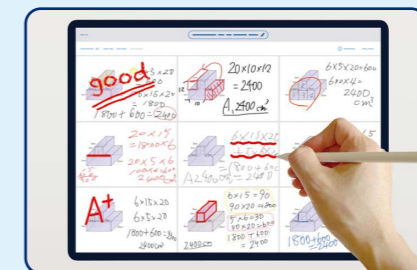
### Create and Connect Ideas

- Bring all learning artifacts together in one place.
- Build a living record of learning that connects ideas across time.
- Make thinking visible and spark new questions.



### See Students Thinking and Guide in Real-Time

- See every learner's progress in real-time.
- Provide precise feedback in the moment.
- Support every student — without interrupting the flow of learning.



### Student-Led, Energised Co-Creation

- Students collaborate in real-time, refining and expanding their thinking.
- Thinking Tools make learning visible, transforming classrooms into spaces for creation.



The Change that LoiLoNote Creates

# Transform Learning Transform Outcomes

With LoiLoNote, every student becomes an active learner. Every teacher becomes an impact creator.

**BEFORE**  
LoiLoNote

Teacher-Centered  
Passive Learning

**AFTER**  
LoiLoNote

Student-Centered  
Active Learning



**One-way instruction**  
Students listen and take notes. Limited opportunities to express their thinking.



**Every student participates**  
Students express, share and discuss their ideas. Learning becomes active and collaborative.



**Difficult to see individual understanding**  
Teachers struggle to grasp each student's progress.



**Real-time insight**  
Teachers can see understanding in real time and support every student effectively.



**Time-consuming paper-based work**  
Distribution, collection and feedback take too much time.



**Efficient and seamless**  
Digital workflow saves time and allows teachers to focus on what matters most-students.



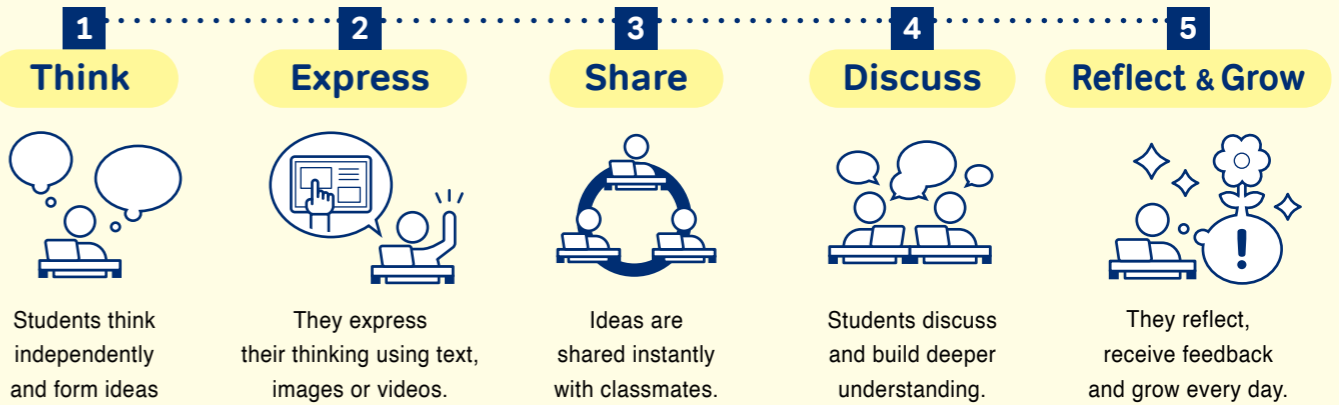
**Low engagement**  
Some students are left behind. Learning becomes passive.



**Higher engagement, better outcomes**  
Students take ownership of their learning and achieve more.

## How 1:1 Learning with LoiLoNote Creates Impact

LoiLoNote transforms every student from a passive learner into an active participant. By supporting each stage of the learning process, it helps create deeper and more meaningful learning experiences.



## The Impact You Will See After Implementing LoiLoNote

Real changes. Measurable results.

Improvement in student engagement

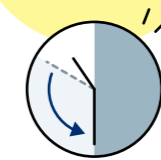
**+50%**



More students participate and contribute.

Reduction in teacher workload

**-40%**



Save time on administration and focus on teaching.

Stronger collaboration

**+80%**



Students work together, share ideas and learn from each other.



By connecting thinking, expression, collaboration, and reflection, LoiLoNote supports deeper learning for every student. Creating meaningful learning experiences that prepare learners for the future.

# Transform the Learning Cycle

## Create · Share · Reflect · Assess — ALL IN ONE PLATFORM

LoiLoNote School is a collaborative learning platform that brings the entire learning cycle together in one place. It streamlines classroom workflows and frees teachers to focus on deeper learning. Students create, reflect, and ask meaningful questions — while teachers design purposeful lessons and guide each learner with intention.

### Material Distribution & Screen Sharing

- Distribute materials instantly
- Share screens in real-time
- Monitor and guide student work

### Develop Ideas

- Turn ideas into multimedia cards
- Use the built-in classroom-friendly browser
- Expand thinking without limits

### Collaborative Learning

- Share ideas in real-time
- Co-create with multiple students simultaneously
- Explore and compare ideas as a whole class

### Presentations

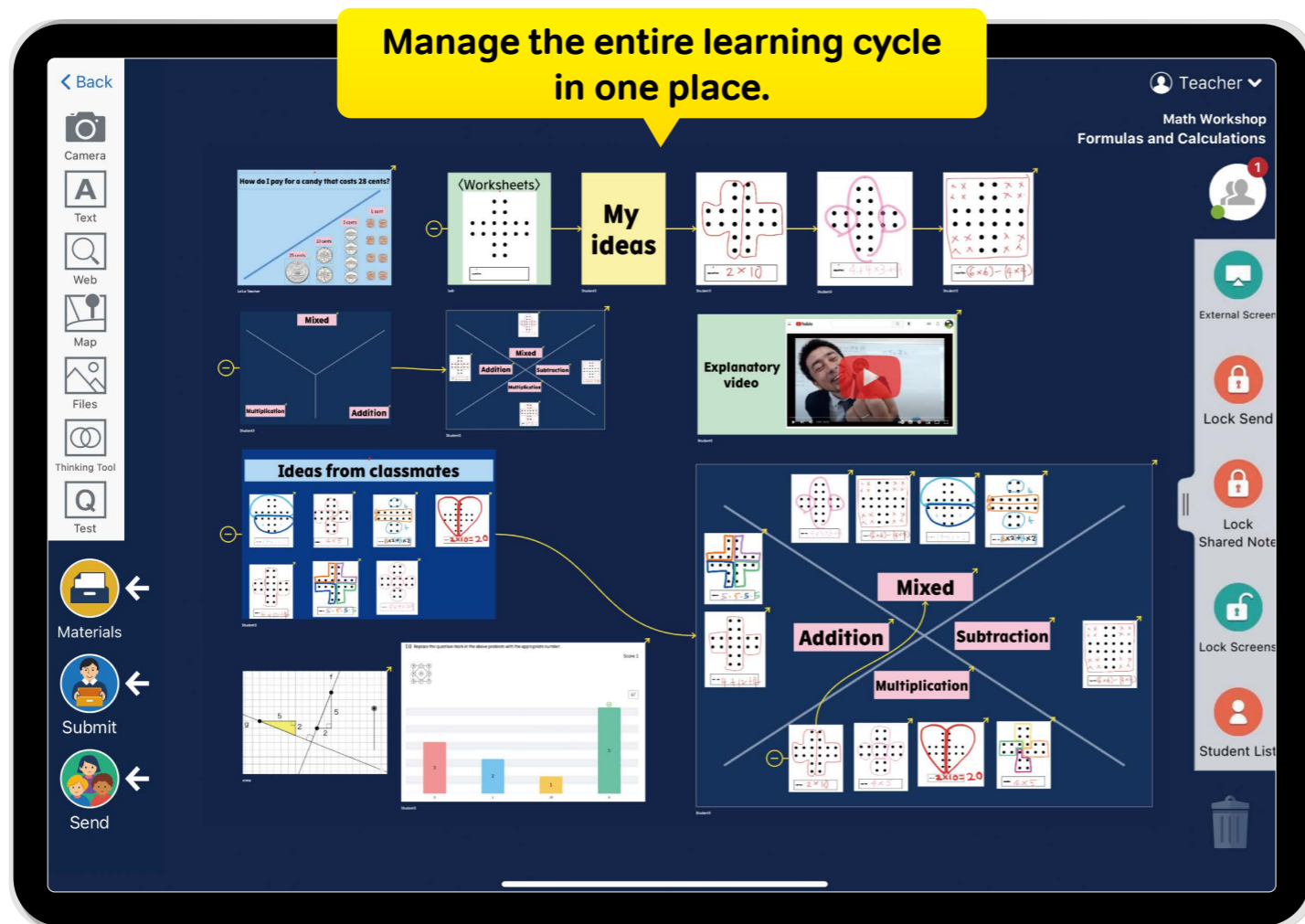
- Create multimedia presentations with ease
- Connect ideas to build meaningful narratives
- Present smoothly with intuitive controls

### Assignments & Submissions

- View every student's response at a glance
- Share and compare thinking across the class
- Provide timely feedback
- Track submissions in real-time

### Assessment

- Automate grading and analyze results
- Export data for deeper analysis
- Customize question formats to suit your needs
- View results in clear, actionable formats



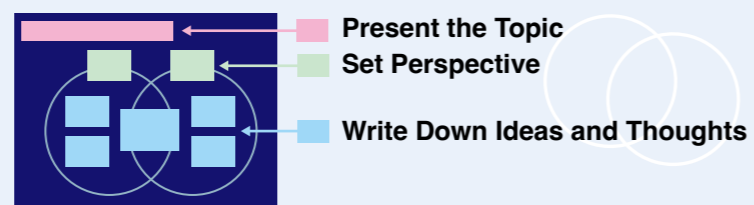
It is designed to support inquiry cycles, student agency, and formative assessment practices.

## Thinking Tools spark active, visible learning.

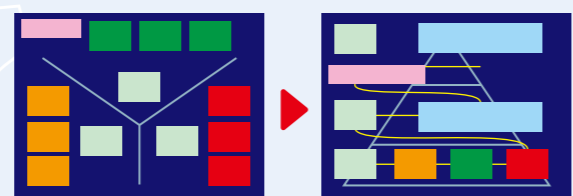
Thinking Tools are structured frameworks that build essential skills like comparing, classifying, and organizing ideas.

By making thinking visible, they unlock deeper understanding and fresh insights.

Students learn to generate, refine, and clearly express their ideas with confidence.



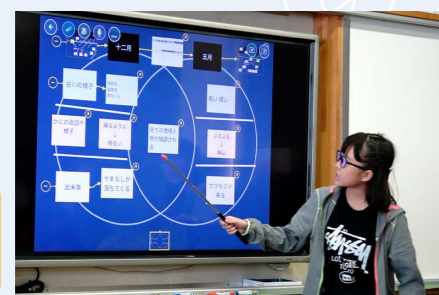
By making thinking visible, learners can organise and articulate their ideas more clearly. Working within the same tool enables meaningful comparison of perspectives, generating new concepts.



Thinking develops through repeated cycles of divergent and convergent thinking. By shifting between tools, educators can spark new ideas and intentionally design the learning process.



Subject-Specific Uses of Thinking Tool

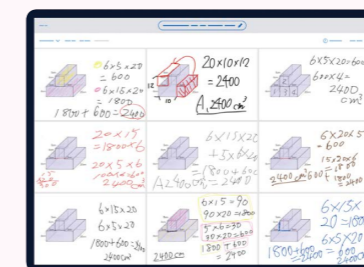


## Why move to digital submissions?

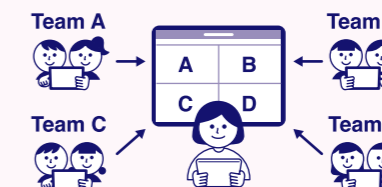
It allows teachers to instantly view every student's thinking and quickly track submitted and missing work. Sharing responses encourages natural peer learning.



### Grid View & Submission Tracking



Share responses across the class and learn from one another's ideas.



## See what your students are thinking!

See instantly. Respond in real-time.

Submit → Share → Compare → Give Feedback — all in the moment.

Anonymous mode allows ideas to be shared and explored openly, fostering deeper learning.

### Assessment & Portfolio

Instantly see submitted and missing work. Review each student's learning history over time.

Turn accumulated assessments into a portfolio that showcases growth.

## Use Cases

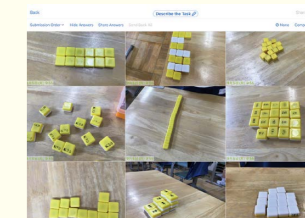


Subject-Specific Use Cases

### Expressive Submissions: Beyond Text

Students submit photos, videos, and audio — not just written text.

Capture written work as images or share speaking tasks as recordings. Flexible assignment formats make learning more authentic and expressive.



### Collaborative Creation: Build Together, in Real-time

Simultaneous collaboration fuels rich discussion and meaningful idea exchange.

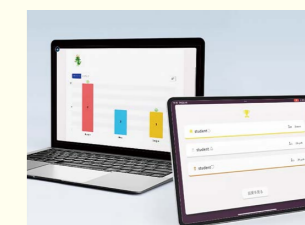
Teachers see every student's thinking in real time — enabling immediate, personalised support.



### Smart Assessments: Tailored Quizzes, Automated Grading & Gamified Tests

From interactive quizzes and games to standard CBT-style tests and class-wide surveys and polls — everything in one place.

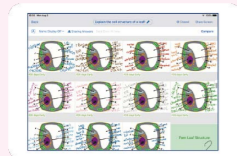
Results are automatically collected and instantly ready to inform instruction and next steps.



LoiLoNote School is the interactive platform for student-centered lessons

Cultivate students' logical thinking skills, Ease teachers from preparation work

Interactive lessons



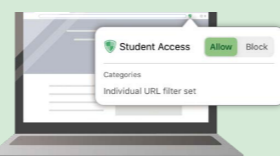
Monitoring Features  
Visualize Student Collaboration & Learning Progress



Think visually



LoiLo Web Filtering  
Secure Learning Environment



Learn from each other through Interactive lessons

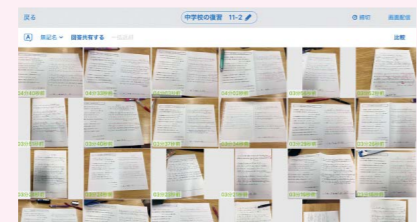
Material distribution, Notifications, Screen sharing

- Send materials to the whole class or individuals
- Send notifications
- Share teachers' tablet screen



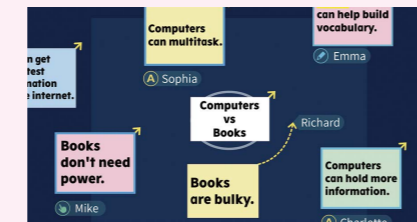
Display all students' answers

- Collect assignments & give feedback through annotations & stamps
- Display all the answers
- Send feedback individually



Collaborative learning

- Share student work with the entire class
- Student-to-student material sharing
- Real-time collaborative editing



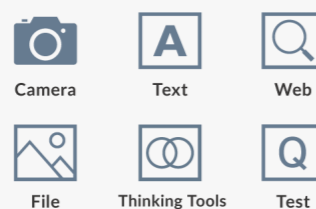
Automatic grading & Instant results

- Display test/questionnaire answers in real-time
- Shorten grading time with automatic grading



Free to edit media files

- Edit photos, videos, audios, PDFs, and more
- Add texts or drawings
- Export as PDF/Video



Classroom management

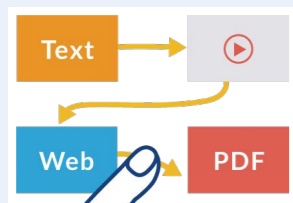
- Lock students' screen
- Control data exchange between students
- See the historical timeline of exchanging Cards in the class



Cultivate students' logical thinking skills

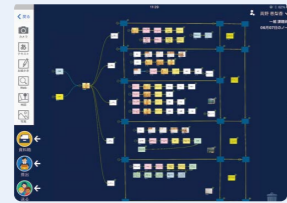
Connect Cards to make a presentation

- Put any Cards into another
- Connect / Disconnect / Arrange Cards by touching allows between Cards



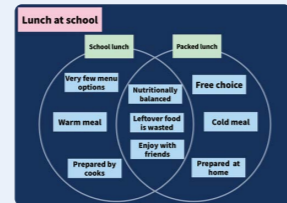
Record learning progress

- Accumulate all the lesson materials
- Reflect on the lesson while organizing their Cards
- Boost students' motivation



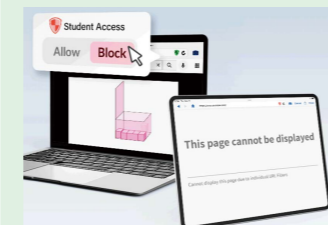
Graphic organizers

- Visualize the thoughts
- Broaden their thinking or converge on a core idea
- Develop new thoughts



LoiLo Web Filter

- Show only teacher-approved web pages
- AI-based content categorization
- Night-time usage restrictions



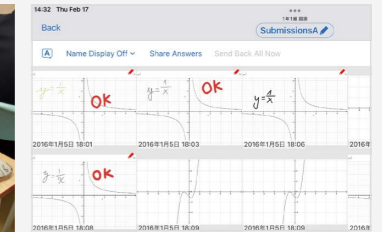
\* Included with LoiLoNote School Subscription

How to use in the lessons

Basic use

Collect students' handwritings

Students take a photo of their paperwork and submit it. Collected student data can be displayed on one screen. Teachers can return the feedback individually.



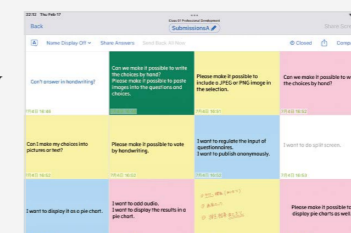
Share videos

You can send videos you have just taken to the teacher or other students. Unlimited cloud storage.



Share thoughts

After students submit their ideas in Cards, and they can see other students' Cards when allowed by the teacher. Students can share their thoughts, which drives collaborative learning.



Paperless

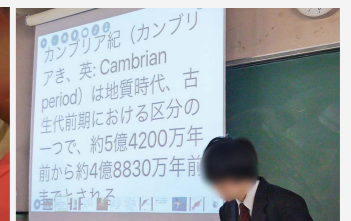
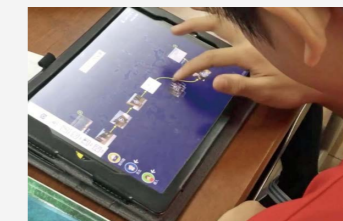
Once converted to PDFs, you can use Word and PowerPoint documents to distribute these to students in the app. Colored documents can be shared without spending time and cost in printing.



Advanced use

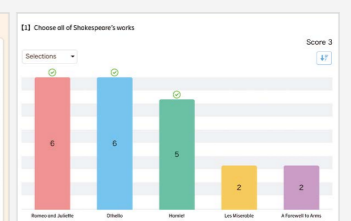
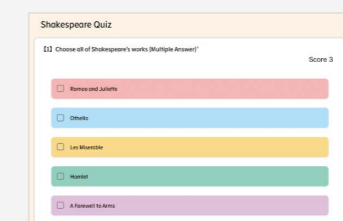
Presentation

Students can make their presentations by connecting Cards simply with lines. Students can quickly put and collect ideas together and give presentations.



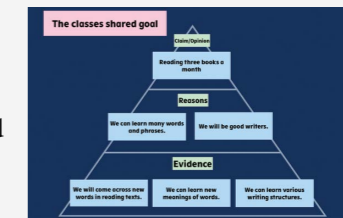
Automatic grading

Test Cards can automatically grade the test results and summarize questionnaires in real-time. Real-time summary with automatic grading. Learning history will be exported to a file.



Develop new thoughts

Graphic organizers visualize the course of thinking. It supports students in summarizing their thoughts and the others', enhancing collaborative learning.



# The LoiLoNote Library for Indian Schools

Curriculum-aligned Science & Mathematics activities designed for your classrooms.

What's Inside the LoiLoNote Library

**Curriculum-aligned Thinking Activities & Quizzes**  
Built for Indian classrooms · Designed to be adapted, not just delivered

**SUBJECTS**  
Science & Mathematics

**GRADES**  
5 to 10

**BOARDS**  
CBSE · ICSE · Cambridge

## Two Content Types Designed for Deep Learning

### Thinking Activities VISUAL · INQUIRY-BASED · HANDS-ON

Activities that ask students to explore, organise, and reason — not just recall. Each activity uses graphic organisers (Webbing, Pyramid, Diamond Ranking, Y-Chart) so students make their thinking visible and arrive at understanding through their own work.

### Quizzes AUTO-GRADED · CHAPTER-MAPPED

Question sets covering every chapter — from quick concept checks to full unit tests. Multiple-choice, short answer, and equation-based formats are auto-graded inside LoiLoNote, with results visible by class, by student, or by question.

## Three Difficulty Levels for Every Activity & Quiz

### Easy ☆☆☆

**Foundational understanding.**  
Direct application of single concepts.

- Recall and recognition
- One-step problem solving
- Concept introduction
- Confidence building

### Moderate ☆☆☆

**Connected understanding.**  
Two or more concepts applied together.

- Multi-step problem solving
- Concept linking
- Reasoning & explanation
- Real-world application

### Hard ☆☆☆

**Higher-order thinking. Analysis, synthesis, and exam-style challenge.**

- Critical analysis
- Hypothesis & evaluation
- Board exam-style problems
- Olympiad-level challenge

## Aligned with India's Three Major Boards

**CBSE**  
NCERT-MAPPED

500+ ACTIVITIES 425+ QUIZZES

Chapter-wise, NCERT-aligned content. Includes competency-based items aligned with the new CBSE assessment pattern and NEP 2020.

**ICSE**  
CISCE-SYLLABUS

700+ ACTIVITIES 800+ QUIZZES

Built around CISCE's analytical and application-heavy style. Long-answer reasoning typical of ICSE board paper formats.

**Cambridge**  
IGCSE-ALIGNED

500+ ACTIVITIES 500+ QUIZZES

Inquiry-led activities matched to Cambridge curriculum frameworks. Builds analytical depth IGCSE assessments expect.

Built to Be Modified by Teachers

## Your curriculum, your classroom, your way

LoiLoNote gives you the board-aligned thinking activities and quizzes for Science and Maths. You decide how they fit into your lesson.

## A typical teacher workflow — start lessons in minutes

**STEP 1 Pick** Choose chapter activity or quiz from library

**STEP 2 Modify** Edit, add hints, drop questions

**STEP 3 Combine** Add your own worksheet or PDF

**STEP 4 Send** Push to students, conduct in class

### STEP 2 Modify

#### Edit any activity or quiz before class

Open any LoiLoNote activity or quiz in your Notebook and adjust it to fit your students. Change the wording. Add a hint. Drop a question. Insert your own example. The original library stays intact — your edited version becomes yours to share with your class.

- ✓ Edit question text, options, and answer keys
- ✓ Add hints, diagrams, or local-context examples
- ✓ Delete questions you've already covered
- ✓ Re-order to match your lesson flow

### STEP 3 Combine

#### Combine with your own worksheets

LoiLoNote activities don't replace your teaching style - they extend it. Drop our activities and quizzes into your Notebook alongside your own worksheets. PDFs, photos, and notes. Build a lesson that's part LoiLoNote, part you, all in one place.

- ✓ Mix LoiLoNote content with your own worksheets in one Notebook
- ✓ Import PDFs, Word, PowerPoint, photos, and videos
- ✓ Reorder cards to match your lesson plan
- ✓ Distribute the whole lesson to students with one tap

ONE seamless lesson

## Languages (Primary School)

### Recording Send assignments and recorded materials to and from the teacher

It's easy to record voice and videos, and share them.

Recorded materials are stored in size unlimited cloud; no need to worry about the storage space.

#### Example 1

Teachers distribute audio materials and have each student practice listening and reading.

Teachers can spend more time reviewing speaking assignments by collecting voice Cards from students.



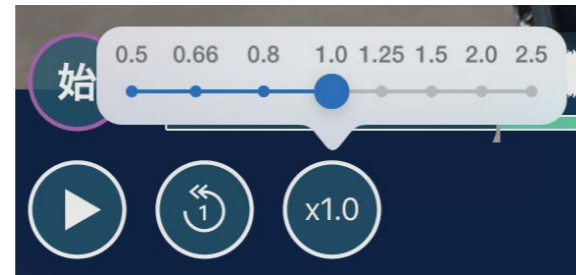
#### Example 2

Take videos in pairs during presentation and retelling. Students have chances to retake the video as many as they need. Teachers will evaluate students' performance by playing the videos one by one.



### Playback Listen individually

- The playback speed (0.5 to 2.5 times) is adjustable to their listening skills.
- Play from a second before. Students can listen to the part they have difficulties with as many times as they need.



### Use example by skill

#### Speaking



- Take and submit your presentation video
- Questions and answers by recording

#### Writing



- Write a composition using graphic organizers to spread ideas and to construct sentences logically
- Making and solving their own questions with each other using test Cards

#### Listening



- Dictate sentences in recorded materials
- Listen to great speeches on the Web using Web Cards

#### Reading



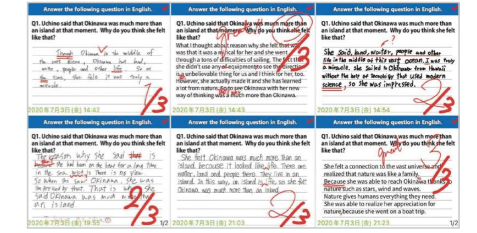
- Make fill-in-the-blank questions using PDFs of textbooks by masking them with Cards
- Make assignments of rearranging sentences using multiple text Cards

## Languages (Secondary School)

### Submission Box

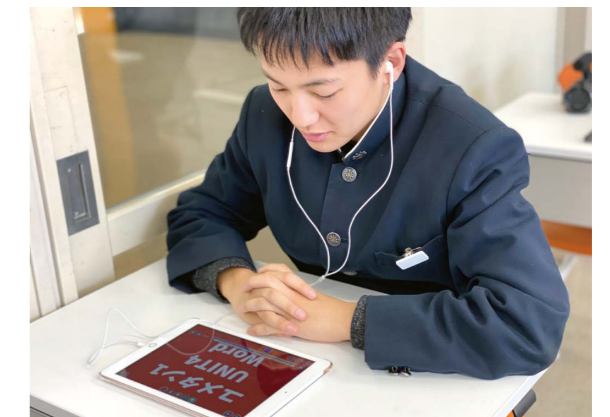
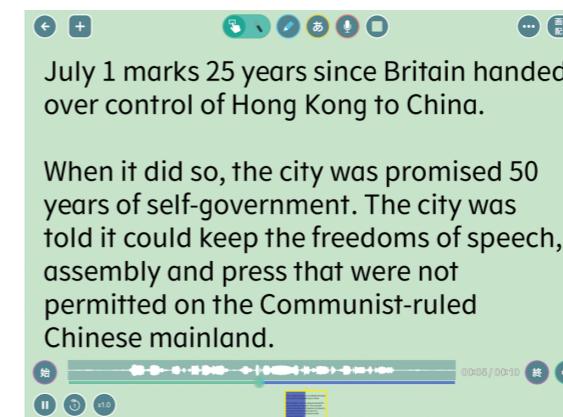
#### Collect, review, and return assignments seamlessly

For translation and English writing practice, teachers can distribute pre-prepared question cards to students. Students complete their answers on the cards and submit them digitally. Teachers can review, annotate, and return submissions directly on-screen. Audio can also be added to cards, making it easy to assign and assess speaking tasks.



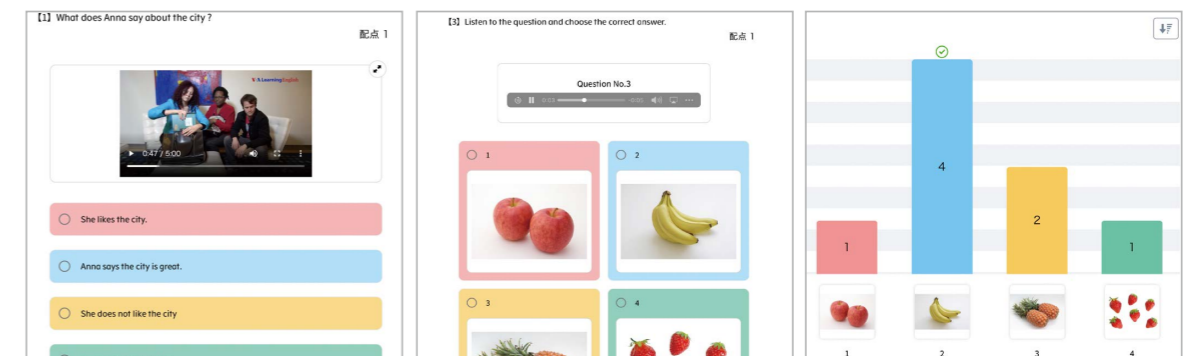
### Material Box Access example sentences, vocabulary lists, and audio samples anytime

Store worksheets, vocabulary lists, and video or audio listening materials in the Material Box so students can access what they need anytime. Playback speed can be adjusted freely, allowing students to listen repeatedly at a pace that suits their individual learning level.



### Test Cards Listening tests with video & audio

Test Cards allow you to add video, audio, and images to questions, answer choices, and explanations. Create a wide range of assessments—from vocabulary and listening tests to grammar and reading comprehension. Results are automatically scored and aggregated, and students can retry as many times as needed to support independent learning.



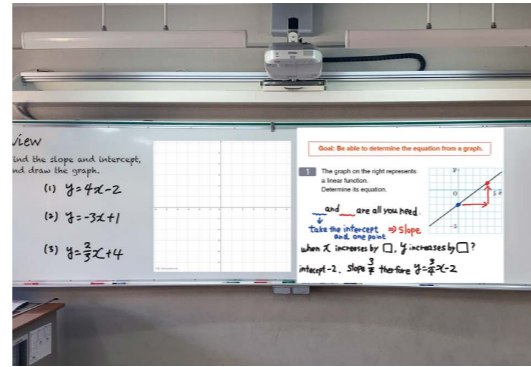
### Create & Deliver Presentations Create retelling materials by linking cards

Create cards using key words and images from the textbook, link them into a set, and distribute them to students. Students use these cards to retell the content in their own words to their peers. For pair or group activities, have students record and submit their interactions. Easily monitor and assess each student's speaking skills.

## Mathematics (Primary School)

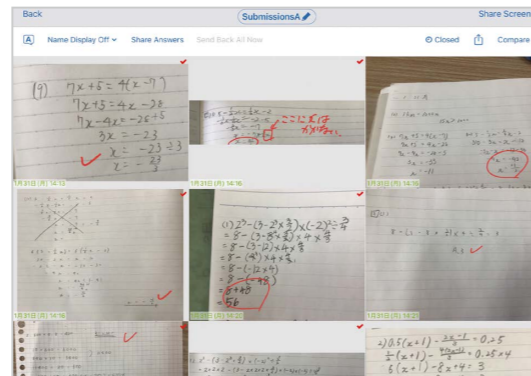
### Camera Lesson reflection & board planning

Capture the board at the end of each lesson to revisit key points in the next class. Saved board images can also be used to support effective lesson and board planning.



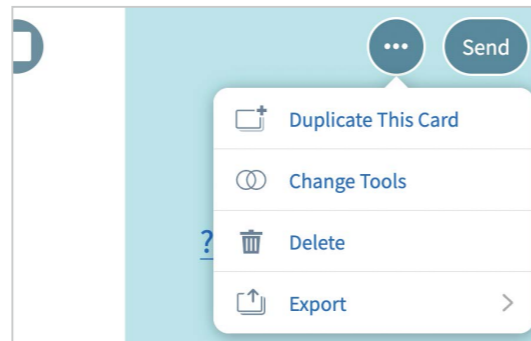
### Submission Box Collect handwritten responses

When reviewing answers written in textbooks or worksheets, students can capture and submit their responses using the camera, allowing teachers to check each submission carefully. Feedback can be added directly on-screen and returned instantly.



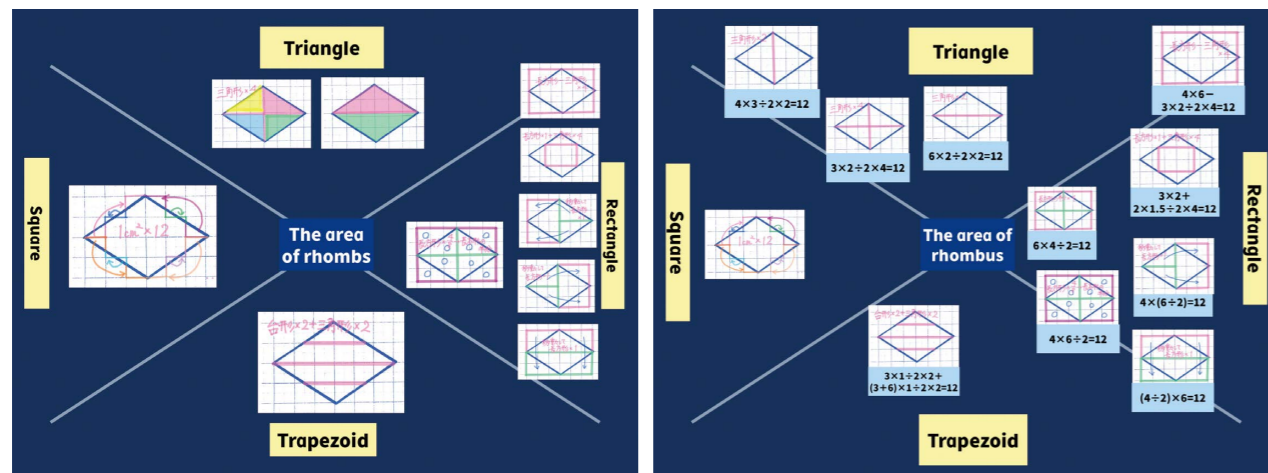
### Test Card Standardized tests across classes

Run the same test across the entire grade with ease. Test Cards can be duplicated and reused, enabling class-wise delivery and result aggregation. Ideal for unit quizzes and regular assessments.



### Graphic Organizer Organize the solving process

Graphic organizers help students organize their solving process. By turning on the sharing answer function, the submissions in the whole class become visible to everyone in the class. In this way, students will learn different ways to solve the task.



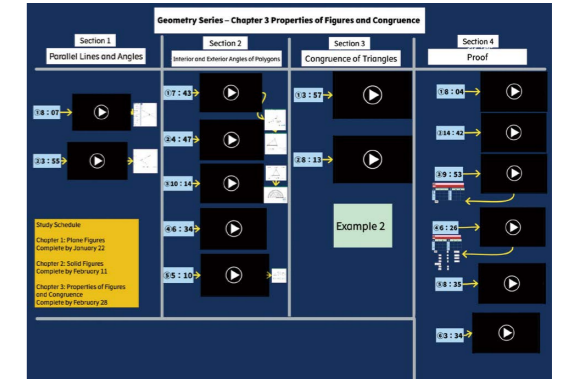
## Mathematics (Secondary School)

### Material Box / Web Cards

#### Support pre-learning, review, and home study

Store assignments, past exam questions, and explanatory videos in the Material Box so students can access materials anytime and study at their own pace.

You can also share YouTube videos easily using Web Cards.



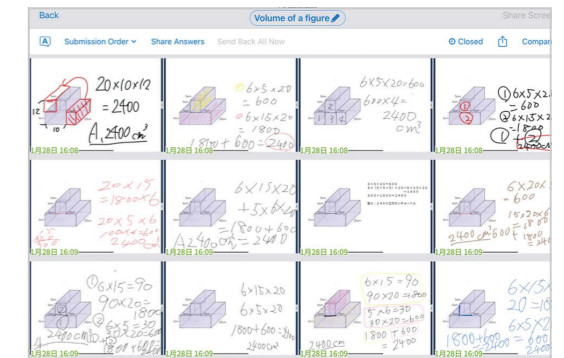
### Test Card Student-created questions & peer practice

Students can create their own Test Cards, enabling peer-to-peer question creation and practice. Even complex equations can be captured with the camera and inserted as images, making test creation quick and easy. Auto-scoring is supported, and students can retry incorrect questions as many times as needed.

### Submission Box

#### View responses from the entire class

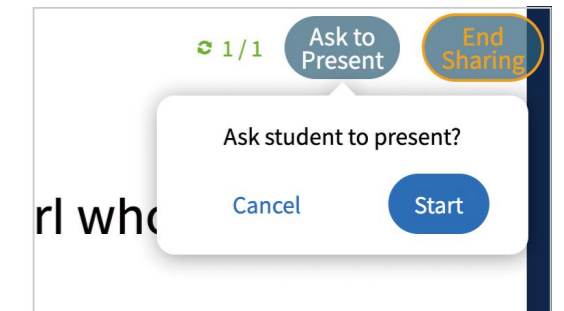
For activities like explaining solutions or reflecting on learning, students first submit their individual ideas. Teachers can then share submissions from the Submission Box with the whole class, allowing everyone to view all responses. Exposure to different perspectives promotes collaborative learning.



### Submission Box

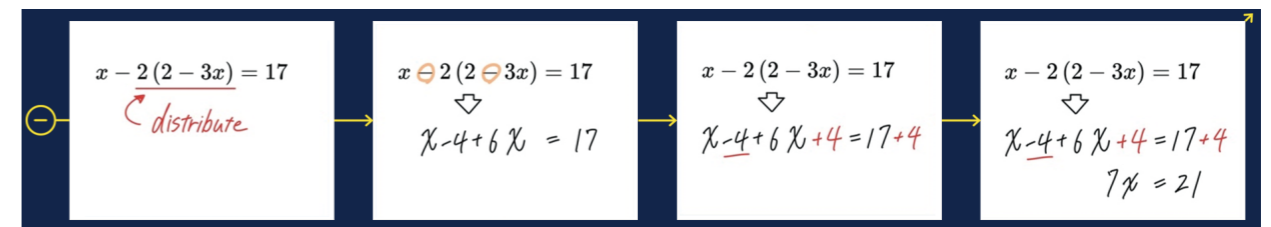
#### Screen sharing during presentations

Select presenters from submitted responses and share their screens with the entire class. Students can present from their seats while annotating their materials in real-time.



### Presentation Student-created explanations & presentations

Create presentation materials simply by connecting cards. Students can explain and present each step of a solution in sequence, reinforcing understanding while building strong communication skills.



## Science (Primary School)

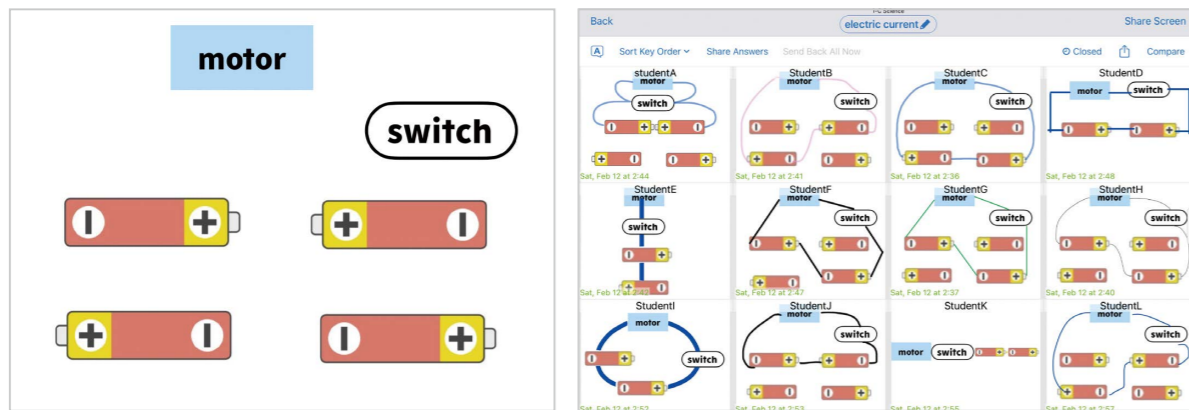
### Video and photo Record of experiments and observations

Recording experiments using videos and photos is useful to consider and reflect on the experiments' results. On the shared screen, you can zoom it in/out, add texts/drawings and even play videos.



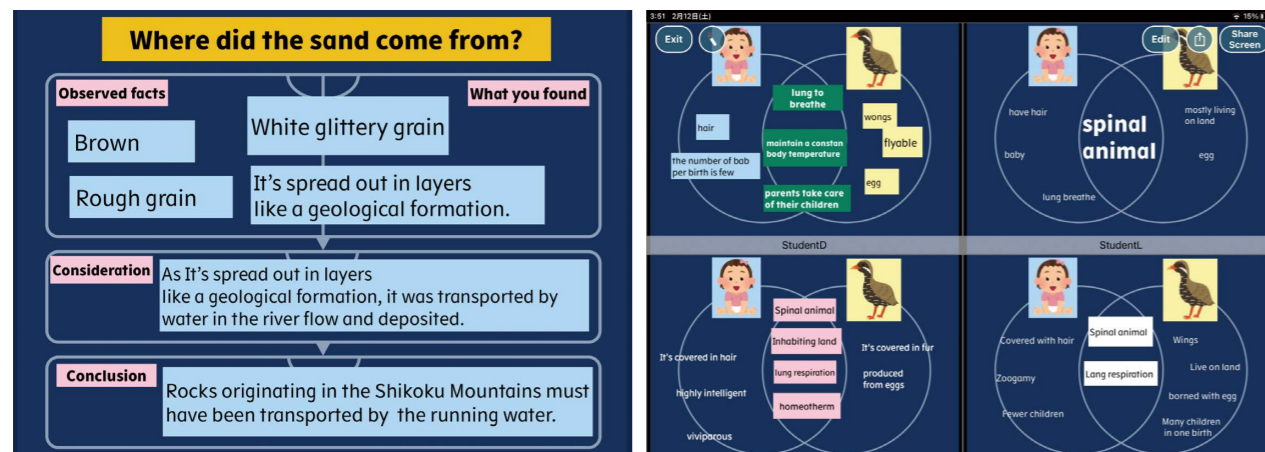
### Submission Box Verify the hypothesis

Before an experiment, you can deepen your hypothesis. By turning on the sharing answer function, students can view the other students' hypotheses.



### Graphic Organizer Visualize the differences

Graphic organizers are helpful to find the similarities and differences of “dicotyledons and monocotyledons”, “male and female of the killifish” and so forth. Students can visually sort out the similarities and differences, leading to deeper learning. By sharing answers, students can review and create new ideas.



## Science (Secondary School)

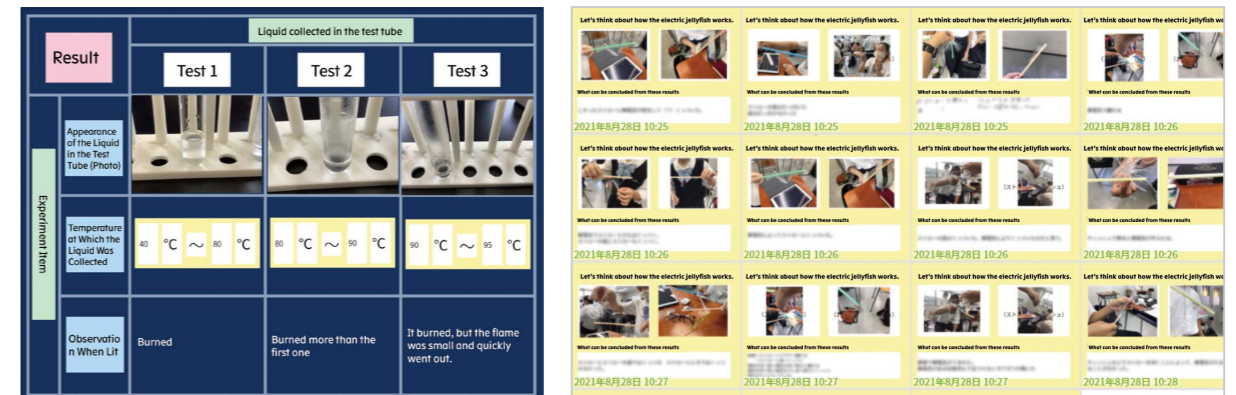
### Material Box Share step-by-step experiment videos

Store experiment setup guides and procedure materials in the Material Box so students can review them anytime. You can also share online videos easily using Web Cards.



### Camera & Submission Record experiments & observations

Use photos and videos to document experiment processes and results. This helps students analyze how specific actions lead to outcomes and capture quick changes—such as color shifts in solutions—that occur in a short time.

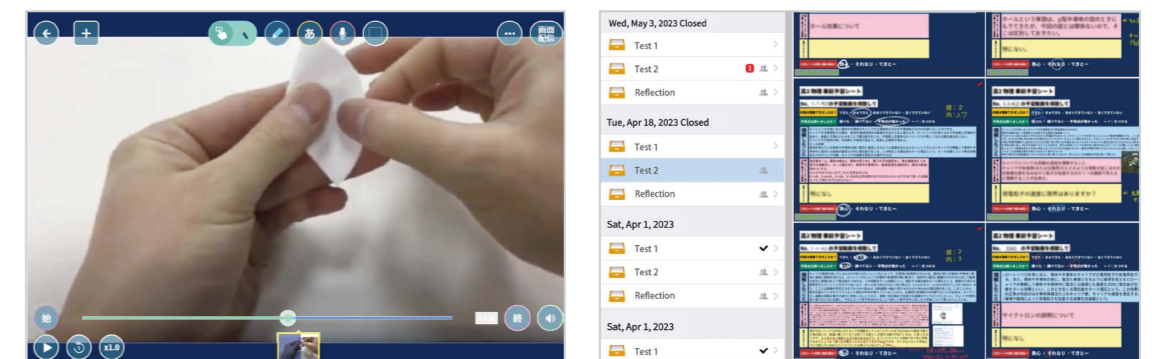


### Web Cards Research & presentation creation

With Web Cards, you can turn any webpage into a card while keeping a direct link to the original source. Easily create presentations using these cards, making them ideal for research projects and report creation.

### Material Box & Submission Box Flipped learning

Store pre-learning and review videos in the Material Box so students can access them anytime and learn at their own pace. Assignments can also be submitted in advance, making it easy to implement flipped learning.



## Social Studies (Primary School)

### Material Box Refer to frequently used materials at any time

Keep frequently used worksheets, white maps, test cards, etc. in the Material Box so that students can refer to them at any time.

### Web Card

#### Collect and use the information on the Web

Web Card is used for Internet searches, and the search result will be kept as a Card on the spot.

As a Web Card has a URL inside, you can continue your search using the Card.


You can connect, submit, put in any other Cards as well as other Cards.



### Test Card Study at your own pace

You can put questions, answers, explanations on your test Card. In addition to them, you can allot scores for each question. Distributing tests for each unit allows students to answer at their timing and pace.

[1] What is another name for Australia? \* Score 1



In The Middle

Up Over

Down Under

[1] What is another name for Australia? \* Score 1

In The Middle

Up Over

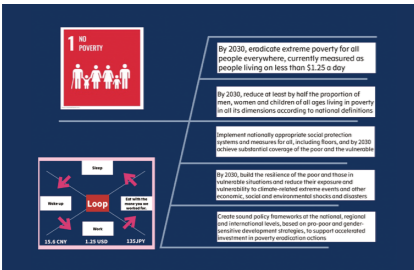
Down Under

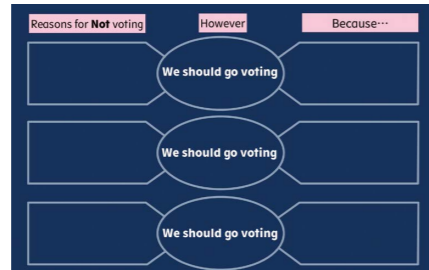
Explanation  
Colloquial names for Australia include 'Oz' and 'Land Down Under' (usually shortened to simply 'Down Under'). Other derogatory terms include 'The Great Southern Country', 'The Lucky Country', 'The Sunburnt Country' and 'The Wide Brown Country'.


### Graphic Organizer Build your opinion

Graphic organizers are helpful when you want to put your thoughts in order.

By explaining your thoughts with graphic organizers, the listeners will have better understanding.







## Social Studies (Secondary School)

### Presentations Research summaries & presentations

For research presentations, the card-based presentation feature makes it easy to connect and organize content. In addition to textbook and atlas images, students can import online data as Web Cards to enrich their materials. This enables efficient presentations while developing students' communication skills.



**Natural Features of North America**  
New Fold Mountains: The Rocky Mountains in the west Old Fold Mountains: The Appalachian Mountains in the east Between the mountain ranges: the Great Plains and the Central Plains (Prairies)

**Climate of North America**  
Varies between east and west, with 100°W longitude as the boundary  
East: High precipitation; extensive forests and farmland  
West: Arid regions with annual precipitation under 500 mm (excluding the Rocky Mountains and the west coast)



### Add Cards

#### Create fill-in-the-blank worksheets

Use the card-in-card feature to easily create fill-in-the-blank worksheets. Duplicate and reuse them anytime.

You can also combine them with Thinking Tools and images, making them effective for repeated practice and reinforcing learning.

Complete the chart and summarize the methods of governance during the peak period!

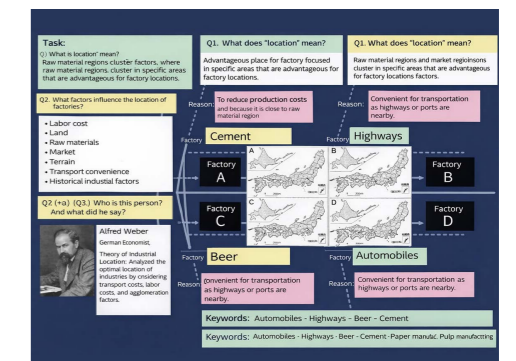
	Items	
	Policies (Governance Strategies)	Position / Role
Leaders	<ul style="list-style-type: none"> <li>→ Emperor</li> <li>→ King</li> <li>→ Pope</li> <li>→ General</li> </ul>	from 10th century from 11th century
	<ul style="list-style-type: none"> <li>→ Emperor</li> </ul>	from 11th century from 11th century

### Thinking Tools Develop and express your own ideas

#### Organize knowledge

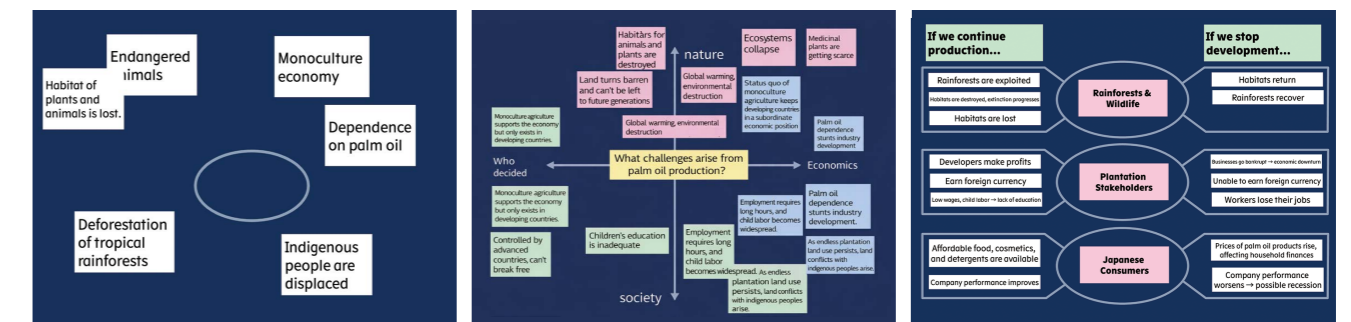
When organizing knowledge such as industry and cultural features, Thinking Tools like the Fishbone help structure relationships between terms and concepts in a clear, multi-dimensional way.

Tools like Plot Diagrams make it easier to track changes over time, enabling efficient understanding of historical contexts.



#### Apply knowledge

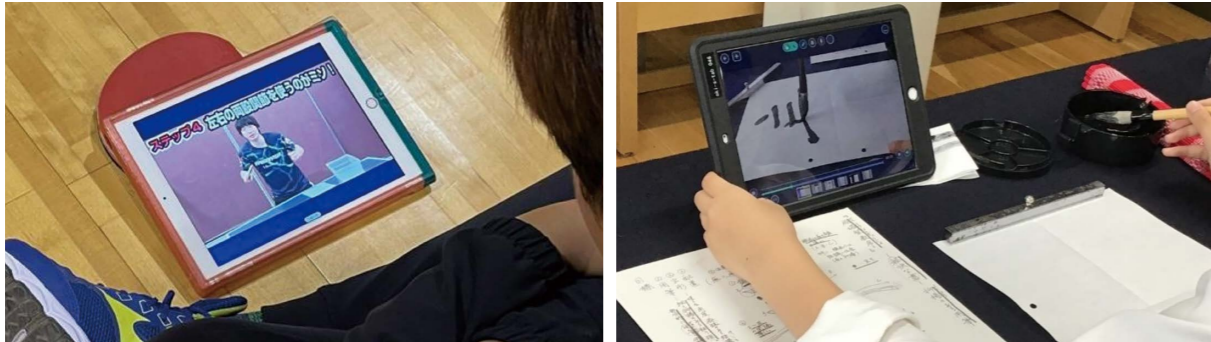
When forming opinions on social issues, Thinking Tools like Webbing help expand ideas, while tools such as the 2-Axis Chart organize key points across different perspectives. Once challenges are identified, switching to another tool supports deeper analysis. Tools like the Candy Chart make it easier to propose solutions and develop well-rounded insights.



## Visual Arts

### Material Box Refer to models in a video at any time

You can save a variety of media such as videos, photos, PDFs, etc. in the Material Box. Students can prepare and review their work by the teacher putting a sample video and explanations materials in the Material Box. Teachers may create folders and put materials for each learning level to keep studying at each student's pace.



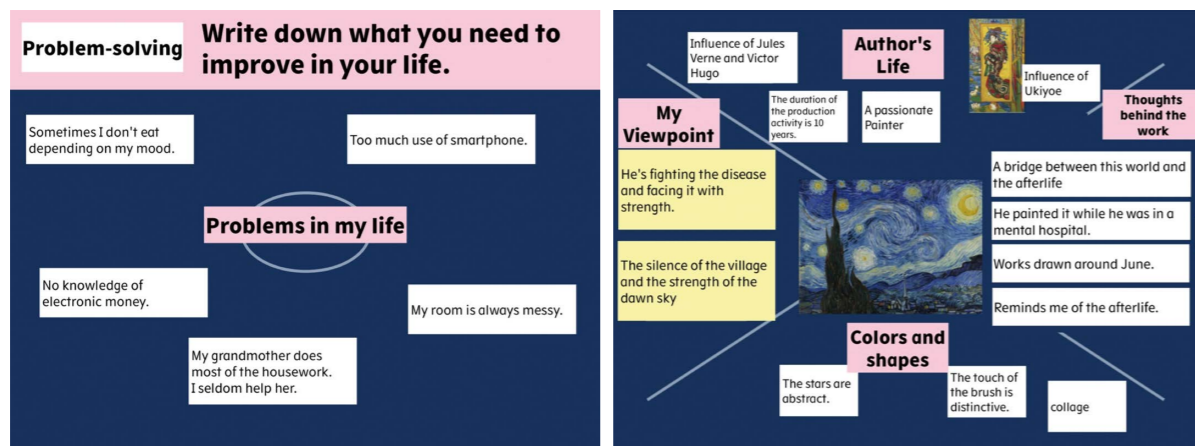
### Camera / Video Take a video and cross-check

Take videos of your performance for later reviews. Take a video to capture your performance to meet assignments so that you can review them later. Students submit their videos to the teacher or share them with other students for mutual evaluation.



### Graphic Organizer Make a plan before performing the subject

Graphic organizers help sort out all the elements and put them in place. You can use them to summarize ideas at viewing artworks or making plans for practical exercises.



## Project Based Learning

### Material Box

#### Accumulate and share all of the learning materials beyond subjects

Students can put any materials created in each subject in a single Note. Materials sharing is so easy that students can work on any subject more efficiently.

### Submission Box Confirm students' progress on the assignment

As students can submit answers when ready, teachers can review and give proper advice to each of them. By getting feedback on the submitted Card from a teacher, students will go further in their assignment.

### Graphic Organizer Visualize and organize your thoughts, and discover problems

In the Integrated lesson, students repeat the following steps; (1) setting tasks, (2) collecting information, (3) organizing and analyzing, and (4) summarizing and expressing. It is useful when organizing and analyzing information and discovering new problems.

### Connect Cards

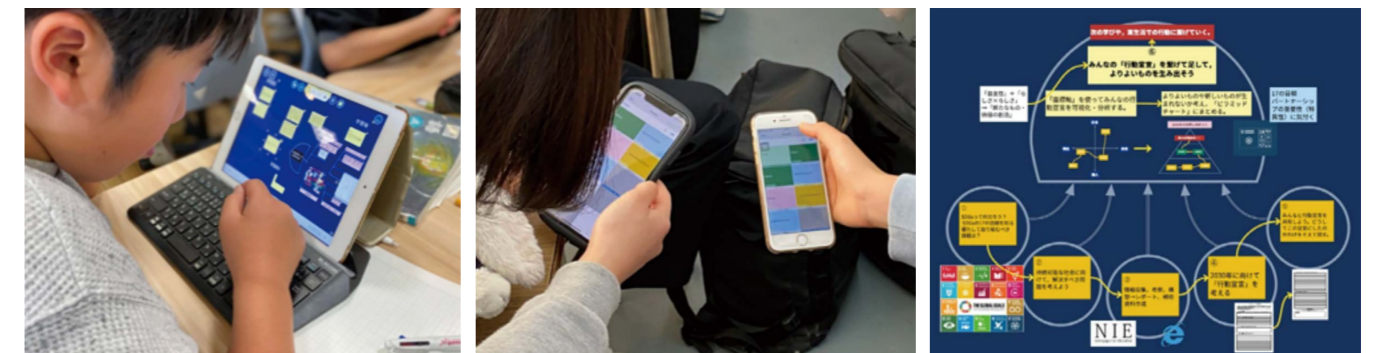
#### Present your thoughts right away. No complicated procedures to make a presentation.

Students have opportunities to express themselves in the Integrated lesson. It is possible for them to develop new thoughts and give a presentation more efficiently than ever. Students just need to connect Cards to make a presentation, and to share Cards with the member of the group.



### Example

LoiLoNote supports multi-platform. Even in a BYOD environment, LoiLoNote works on smartphones or personal devices. Using graphic organizer can pull information together and put them in order more efficiently.



# Learning from each other in Interactive lessons

## Distribute educational materials, Notifications, Share screens

- Prepare materials using videos, audios, photos, PDFs, Web as cards. Teachers can send those Cards to the whole class or individuals.
- Receive a notification when you receive Cards from teachers/other students. You can take out Cards any time from sending history.
- The teacher's tablet screen is shared in real-time. While the screen is shared, you will zoom in/out, add texts or drawings and even play videos in it.



## Display all students' answers

- Collected students' answers are displayed in one place on the screen. Easy to find who has not yet submitted their work.
- Using a deadline and students will be informed when the time comes.
- Send feedback to students individually.



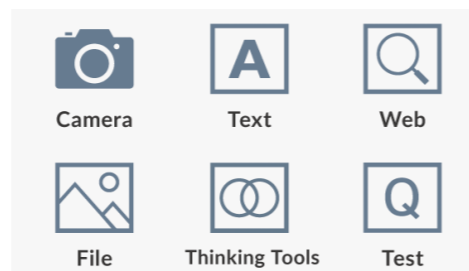
## Mutual learning

- Once the teacher allows sharing the answers to the whole class, the students will learn from them.
- Students show their ideas to others or compare ideas in a class, which drives shared learning.



## Free to edit media files

- Edit videos, audios, photos, PDFs, and more while staying in the app.
- Add texts, hand drawings, or recordings to any kind of Cards.
- Edited Cards will be exported as PDF/video.



## Classroom management

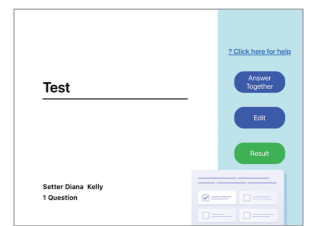
- Teachers can lock students' screens all at once to draw attention to the teacher while students are working on their tasks.
- Teachers can control data exchange between students. Teachers can view all the Card traffics in the timeline of their classes.
- Display any student's screen to the others in the class.



# Automatic Grading

## Test Cards can automatically grade the test results and summarize questionnaires in real-time.

Answers to the questions are collected, and the result is displayed in a chart in real-time. Videos, audios, and images are also available to make tests / questionnaires. Students themselves can create tests/ questionnaires as well.

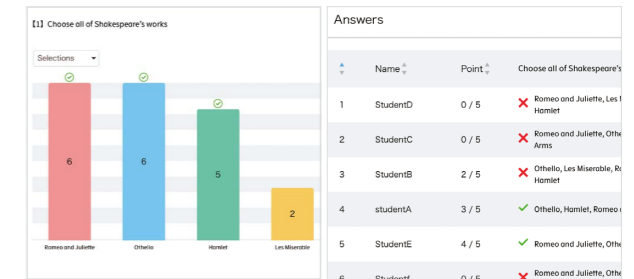


### Test in class / due to late



The test screen is presented to all the students to have immediate answers on the spot. Also, it's possible to distribute the test to students expecting them to answer anytime when ready.

### Real-time summary



Teachers can check the answers in real-time. The result will be displayed in a chart or a list.

### Automatic grading



Once a student finishes answering, it is graded automatically. The correct answer, score, and explanation are displayed on the student screen.

### Export answer results

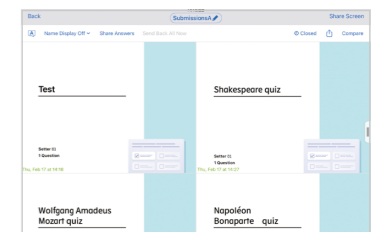
Name	Total Qs	Question	Answers	Correct	Incorrec	Full mar	Point	[Que
StudentD	4	3	4	0	3	5	0	Rom
StudentC	4	3	4	0	3	5	0	Rom
StudentB	4	3	4	2	1	5	2	Othe
studentA	4	3	4	1	2	5	3	Othe
StudentE	4	3	4	2	1	5	4	Rom
StudentF	4	3	4	0	3	5	0	Rom
studentG	4	3	4	1	2	5	3	Othe
StudentH	4	3	4	0	3	5	0	Rom

Answer results may be exported to a file.

### Example 1

#### Learning from each other by solving tests made by students

Even students can create tests. Make tests by themselves, share with their classmates and solve each other's tests. That will make their self-study more efficient.



### Example 2

#### School-wide survey and voting

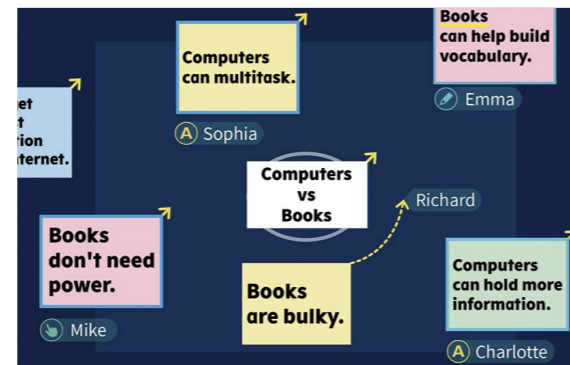
Using questionnaire Cards, you can conduct a school-wide survey. Students can add the choices in the questionnaire.



# Collaborative editing (Shared Notes)

## Cards on LoiLoNote School can be edited collaboratively by multiple students.

- ✓ Flexible sharing and permission settings allow use across the whole class or in small groups.
- ✓ User names are displayed beneath each card during editing, making it easy to see who is working on which card in real-time.
- ✓ Multiple students can write simultaneously, encouraging active idea sharing and enabling smooth collaborative learning.



### Share ideas

With multiple users writing at the same time, ideas are collected on-screen in real-time. Exposure to different perspectives expands thinking, making it ideal for brainstorming, peer review, and collaborative evaluation.



### Collaborative creation

Multiple users can edit simultaneously, allowing groups to divide tasks and create a single shared output. Ideal for collaborative projects such as newspapers, reports, and presentations.



### Reliable & Convenient features

#### Sharing & Permission settings

Set sharing scope flexibly for the whole class, specific groups, or individual students. Permissions can be finely controlled with options such as No Sharing, View Only, Edit, and Manage.

#### Shared Notes lock

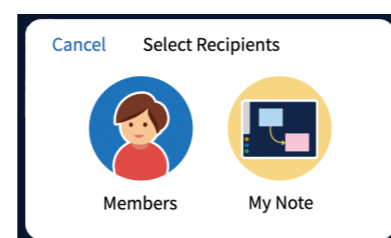
Set time limits for editing Shared Notes by lesson. Once locked, notes switch to view-only mode, preventing further edits by students.

#### Version history tracking

View edit history of Shared Notes at intervals of 1 day, 1 hour, 5 minutes, or 1 minute. Easily restore deleted cards or keep backups of student work whenever needed.

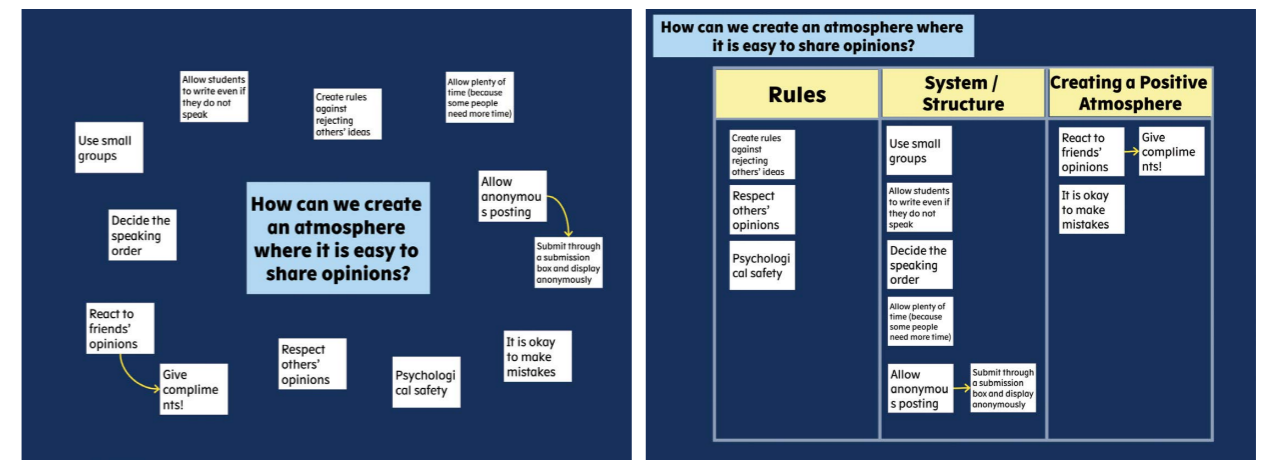
#### Usage Tips Move cards between notes

Move cards created in personal notes into Shared Notes with ease. This supports a seamless learning flow from individual work to group collaboration and back to individual reflection.



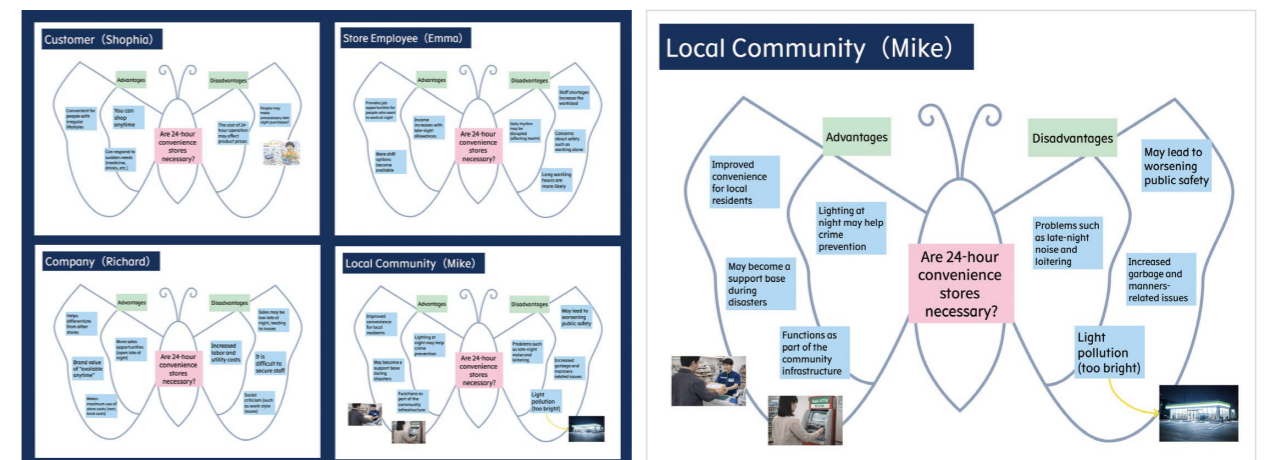
## Use Cases Deepen discussions with Thinking Tools x Shared Notes

All group members can write ideas on the same Thinking Tool, rearranging and moving cards in real-time to drive the discussion. With everyone's input visible on one screen, it becomes easier to organize, refine, and deepen ideas.



## Use Cases Efficient group research

Divide research topics among group members and compile findings into a single shared note. Each student can organize and add information simultaneously, making the process efficient and collaborative. Once complete, connect the cards to turn them directly into presentation materials.



## Benefits of using Shared Notes

### For Teachers

- Enable seamless collaboration and group learning
- Monitor class or group progress in one unified view

### For Students

- Easily share information and exchange ideas with peers
- Track progress in real-time, enabling effective teamwork and mutual support

## Explore how to use Shared Notes in detail

A guide to making the most of Shared Notes.

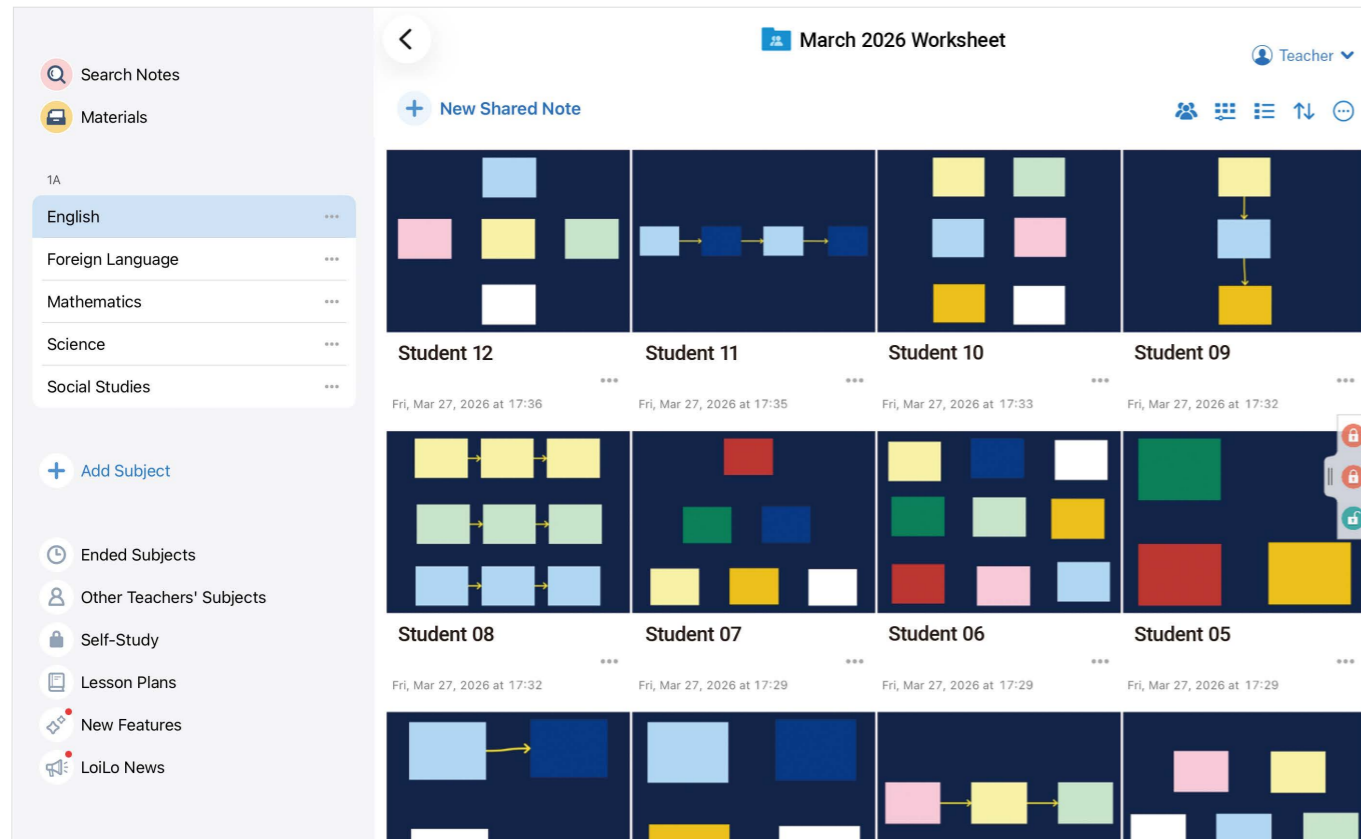
[https://scrapbox.io/enloilomanual/Shared\\_Notes\\_Index](https://scrapbox.io/enloilomanual/Shared_Notes_Index)



## Promote peer learning & monitor progress (Individual Shared Notes)

### View each student's learning progress and thought process in real-time.

- ✓ Create Shared Notes for the entire class at once.
- ✓ All notes are automatically organized into folders, making them easy to manage and review in one place.
- ✓ Students can view each other's notes and use them for peer assessment.
- ✓ Teachers can track individual understanding and challenges, enabling more personalized learning.



### Peer review & Cross-referencing

With teacher permission, students can view and edit each other's notes. Engaging with different perspectives and exchanging ideas leads to new insights and deeper learning.



### Monitor learning progress

Teachers can view the entire class's learning progress on a single screen. By identifying each student's level of understanding and challenges, they can provide timely support and targeted guidance.

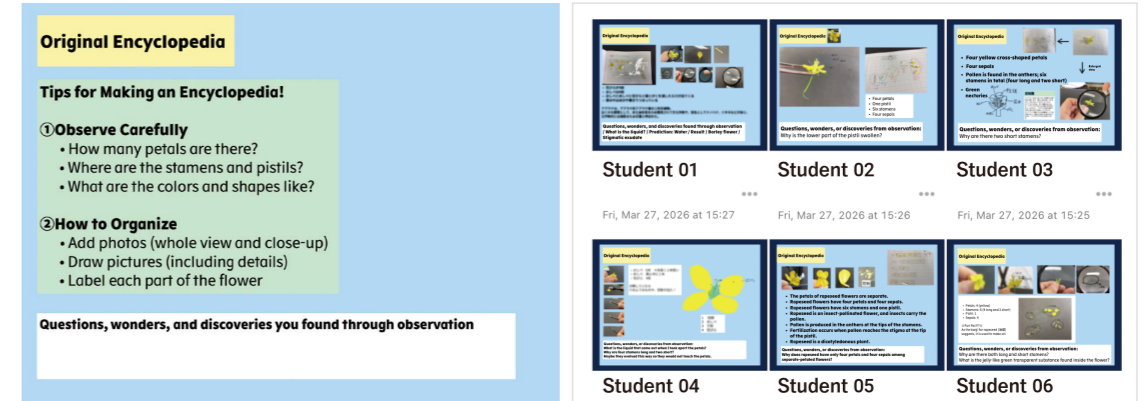


### Sharing scope can be finely set for the whole class or for individual students

Set student sharing permissions to "Edit by owner only," "Viewable by the entire class," or "Editable by the entire class." These can be configured for the whole class or per student (teacher-controlled only).

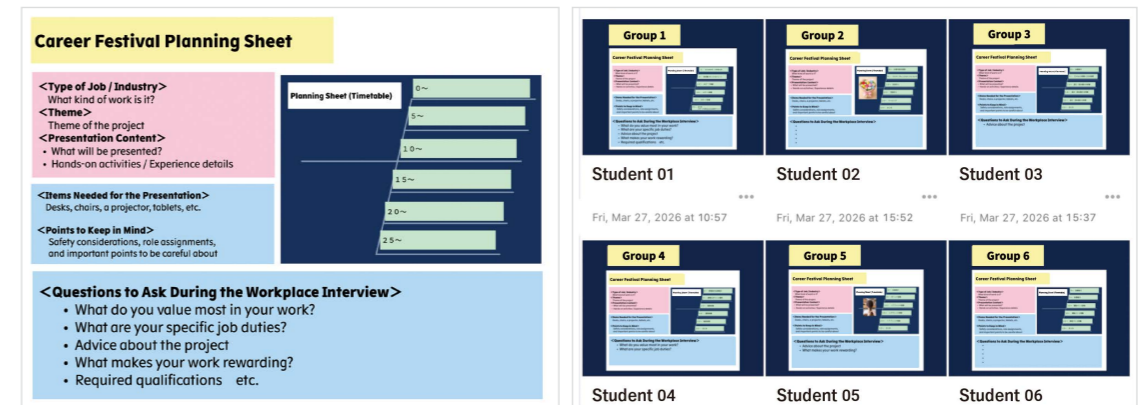
### Use Cases Balance individual learning and collaborative learning

Use it for self-paced learning with problem sets and worksheets, allowing each student to work at their own speed. By adjusting permissions, students can also view each other's notes to gain hints and deepen peer learning. This enables a flexible learning flow between individual study and collaboration.



### Use Cases Monitor and support group progress at a glance

Set sharing to "Editable by the entire class" to allow students to gather in one note and collaborate in real-time. Even in activities like experiments or inquiry-based learning—where group progress may vary—teachers can view overall progress at a glance and provide support whenever needed.



### Benefits of using Shared Notes

#### For Teachers

- Monitor student learning in real-time
- Start group work instantly with no setup required
- View and edit student notes to provide personalized support on the same screen

#### For Students

- Receive real-time support as teachers review individual notes during work
- Deepen learning by gaining insights from peers' notes
- Discover new ideas by exchanging comments on each other's work

### Explore how to use Individual Shared Notes in detail.

A guide to making the most of Individual Shared Notes.

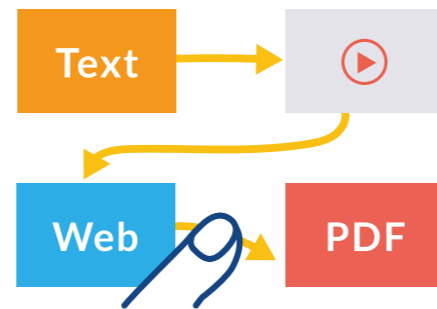
<https://bit.ly/4wl791e>



# 【 Cultivates students' "logical thinking skills" 】

## Connect Cards for presentation

Ideas can be captured in Cards. Students will connect them simply with lines and reorder them to form their ideas. This is the way to finalize their thoughts in the quickest manner.



## Cards can be put in any other Cards

You can create detailed documents by combining various Cards such as video, audio, photos, PDF, and Web.

### Example 1 Add texts to a photo

You can put descriptions in a photo Card by adding texts or handwriting.



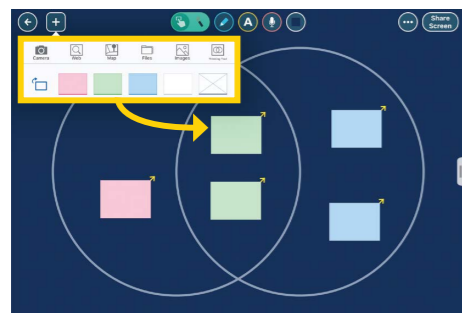
### Example 2 Compare multiple photo Cards

You can easily compare multiple photos and videos by arranging them on a single Card.

Clear	Sunny	Cloudy
Percentage of the entire sky occupied by clouds	Percentage of the entire sky occupied by clouds	Percentage of the entire sky occupied by clouds
0-1	2-8	9-10

### Example 3 Write down ideas on the graphic organizer

Write down ideas relevant to the topic on the cards and put them on the graphic organizer. Looking at all ideas, you can organize your thoughts and information.



### Example 4 Create fill-in-the-blank questions

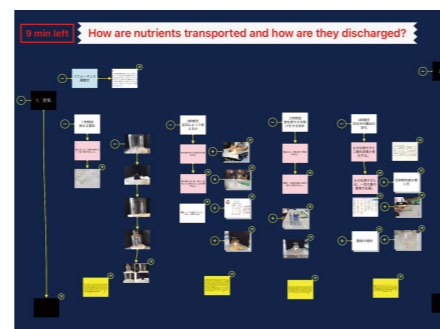
Put blank cards as answer boxes on the document you've created. You can quickly create fill-in-the-blank questions.

I have \_\_\_\_\_ that my four little children will one day live in a nation where they will not be judged \_\_\_\_\_ but by the content of their character. I have \_\_\_\_\_ today.

I have \_\_\_\_\_ that one day ... our little black boys and black girls will \_\_\_\_\_ with little white boys and white girls as sisters and brothers. I \_\_\_\_\_

## Record learning progress

All your lesson materials are stored in the LoiLoNote School server. By reviewing the cards at the end of the semester, students can recall each lesson and create a unit summary. Students will refer to the data even after they graduate from school.



# 【 Graphic organizers 】

**Graphic organizers will visualize your thoughts and assist you to think creatively and logically in the thinking process.**

The thinking process can be broken down into more concrete procedures, such as comparing, classifying, or predicting. We use these procedures, which we call "thinking skills," to connect and structure our knowledge to gain a deeper understanding of some ideas.

Graphic organizers allow us to practice these thinking skills in a visual way.

## 3 steps to develop new thoughts

Graphic organizers can be a powerful support for this step

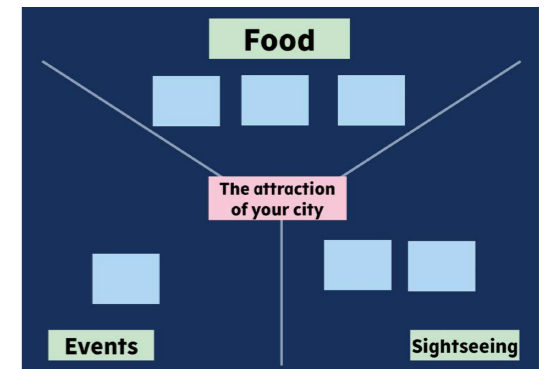
1. Write down elements that came up in your mind
2. Explain ideas
3. Develop new thoughts



### 1 Write down elements that came up in your mind

Graphic organizers describe thinking patterns such as comparing and sorting. Teachers select one of them and give students perspectives to meet the subject.

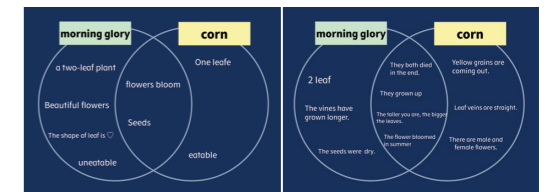
Students will utilize the tool to make up their conclusion.



### 2 Explain ideas

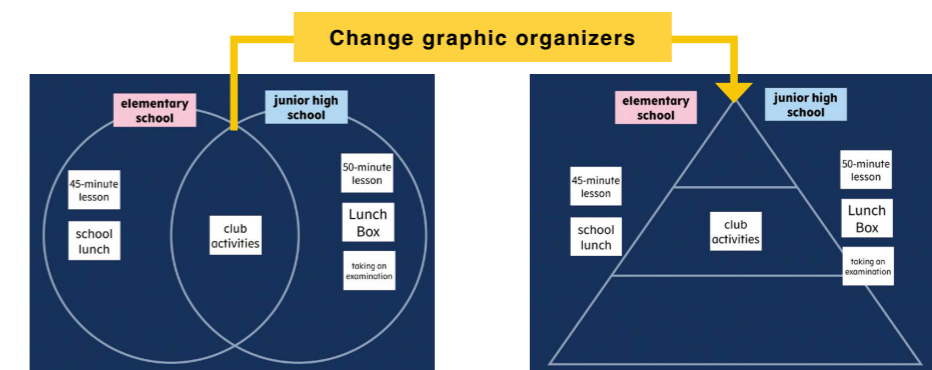
Share the ideas you have written out with others and explain them to each other.

The whole class uses the same graphic organizer, which makes it easier to compare ideas and understand each other's ideas.



### 3 Develop new thoughts

After completing one graphic organizer, you can switch to another graphic organizer while keeping the Cards intact. This function will help you rebuild your thoughts from another angle.

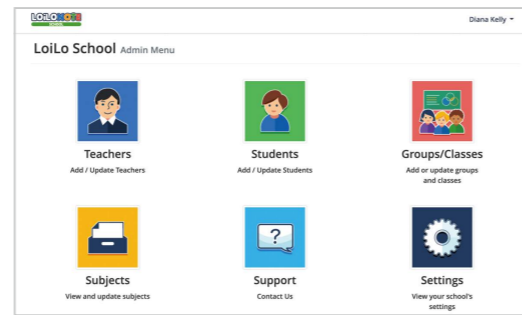


## 【 User management 】

### User registration

You can register teacher/student accounts in bulk using Excel data.

If the entire municipality uses LoiLoNote School, the administrator of the municipality can register the data of all schools at once.



### Sign in

You can sign in using your Google account or Microsoft account.

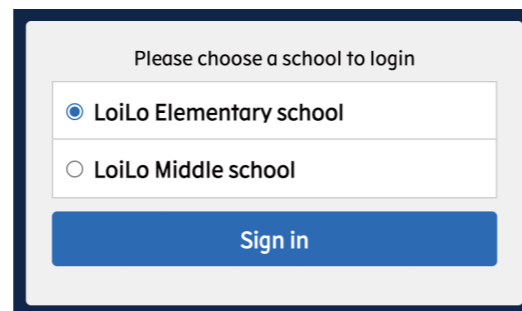
You can also link your existing LoiLoNote account to your Google or Microsoft accounts.



### Sign in to the different schools

You can sign in to multiple schools with a single Google account or Microsoft account.

If you work at more than one school, you can quickly sign in by selecting the school you want to use.



### View data by year

You can view the data you created in the past at any time

Separate data storage for each year.

Even after you graduate, you will be able to view the data you created while in school.

< Back	Ended Subjects
2021	
2020	
2019	

### How to register as a user

We provide a user registration manual on our support page.  
[https://scrapbox.io/enloilomanual/User\\_Registration\\_Manual](https://scrapbox.io/enloilomanual/User_Registration_Manual)



## 【 Management of all schools in a municipality 】

### Municipal administration account

A single municipal administrator can manage multiple schools in the same district

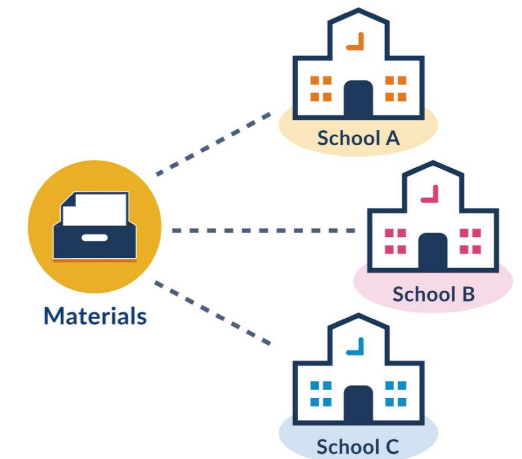
- ✓ Register teacher/student accounts of all schools at once.
- ✓ Manage municipal-shared folders; within a municipality, school, or class.
- Upload documents to municipal-shared folder
- Grant municipal accounts to specific teachers
- ✓ Grant a teacher the access to a municipal administration account.



### Municipal-shared folder

Share and distribute any materials among all schools in the municipality.

- ✓ Materials can be accessed from any school in the municipality.
- ✓ Folder type: only teachers in the municipality can view, students also can view.
- ✓ Only teachers selected by municipal administrators can upload materials to the shared folder.



### Use in private schools

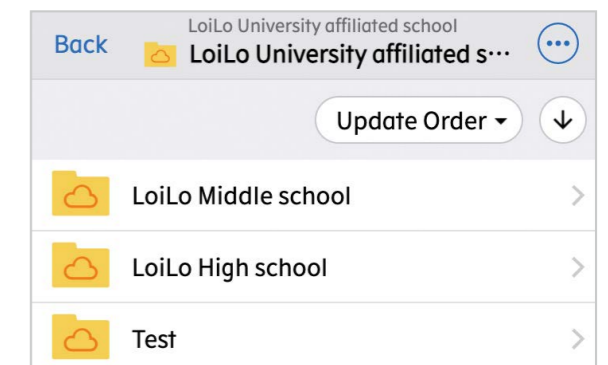
You can share data between related schools using a shared folder.

#### Example 1

Conduct questionnaires at combined junior and senior high school.

#### Example 2

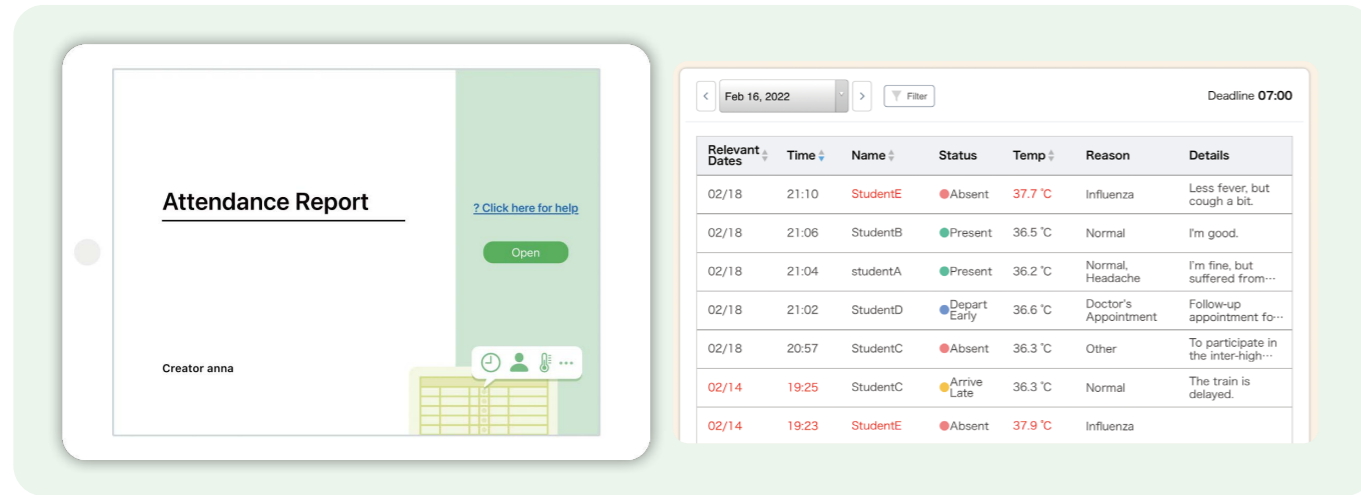
Conduct common tests at the related schools.



If you are interested, please contact us. Email: [loilo@loilo.tv](mailto:loilo@loilo.tv)

# Automatic tabulation of attendance notification

Data for attendance notification, health observation, and temperature measurement are automatically aggregated every day.



Students can quickly enter attendance information in the attendance Card. This information will be automatically recorded and aggregated.

### Student screen

Students use an input screen every day to record attendance status, reasons for absence, details, and temperature readings.

Status	Temperature	AB	AL	DE	SU	TM
studentA		-	○	○	○	-
StudentB		-	○	○	○	-
StudentC		-	AL	○	AL	○
StudentD		-	DE	○	○	DE
StudentE		-	AB	SU	SU	SU
<b>Total</b>						
Absent		-	1	1	0	0

### Teacher screen

The data lists weekly attendance status. Absence, tardy arrival, and early leaving are automatically aggregated based on the recorded information. Aggregate data can be downloaded in CSV format.

## Let's take a closer look at how to use the attendance card!

Attendance Card manual.  
Explains initial settings, operation procedures, and use cases.  
[https://scrapbox.io/enloilomanual/Attendance\\_Card\\_Instructions](https://scrapbox.io/enloilomanual/Attendance_Card_Instructions)



How to use the Attendance Card

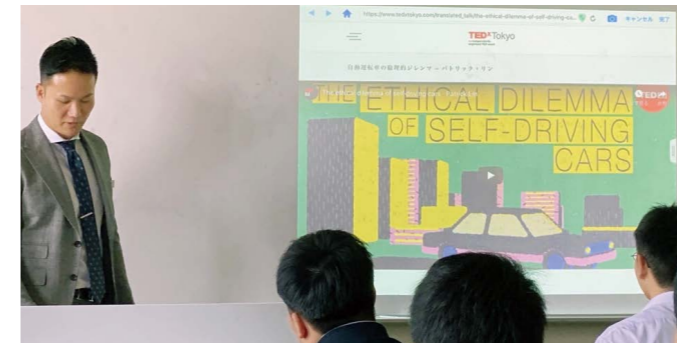


## Reducing the teachers' workload

“After introducing LoiLoNote School, I have more time for lessons.”

Teacher Koji Imai (Higashi Fukuoka High School)

At Higashi-Fukuoka High School, the introduction of LoiLoNote School has made significant improvements in operations, such as making it paperless and improving the efficiency of class preparation time, and has helped to succeed in reducing the workload of teachers.



## Changes after introducing LoiLoNote School

### Before class: Shortened preparation time and improved efficiency

The time required for printing has been dramatically reduced, and paperless has been realized. It also helped shorten the preparation time for classes, and now I can use more time for studying teaching materials. The iPad is the only material I take with me. All the materials and functions used in the lesson are at LoiLoNote School, so it's easy to get to class.

### During a class: Efficient class time

By being able to distribute materials, collect assignments, and share thoughts instantly, communication with students has increased, and it has become possible to secure time for students to think and collaborative learning.

#### Changes in students

Communication between “teachers and students” and among “students” has increased. That has been raising students' awareness of participation in classes.

#### Changes in teachers

As lesson time has become more efficient, teachers have more time to think about lesson planning than ever before.

### After class: Evaluation of deliverables

Student deliverables, lesson data, etc. are stored in the cloud so that students can look back and evaluate their submissions anytime.

## Let's take a look at the interview!

We asked about the changes after introducing LoiLoNote School.  
<https://bit.ly/3EagL2E>



LoiLoNote School Work Style Innovation



Explained by Prof. Haruo Kurokami

# Thinking Tools

Expand the World of Learning

## What Are Thinking Tools?

Thinking Tools\*1 are visual frameworks that promote key thinking skills such as comparison, classification, and making connections. They help students visualize their ideas and organize information effectively. By structuring thoughts with Thinking Tools, it becomes easier to compare, share, and build on others' ideas—leading to new insights and deeper understanding.

## Benefits of Using Thinking Tools



### Organizing ideas leads to new insights and creative thinking.

Visualizing thinking makes it easier to review ideas objectively. By connecting scattered knowledge and experiences, it leads to new insights and fresh perspectives.



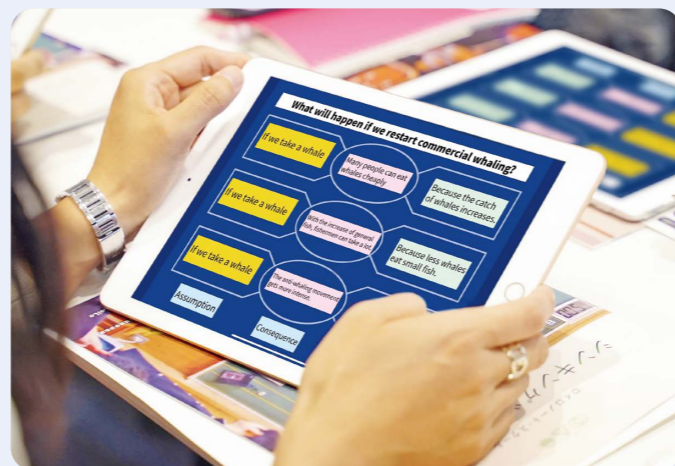
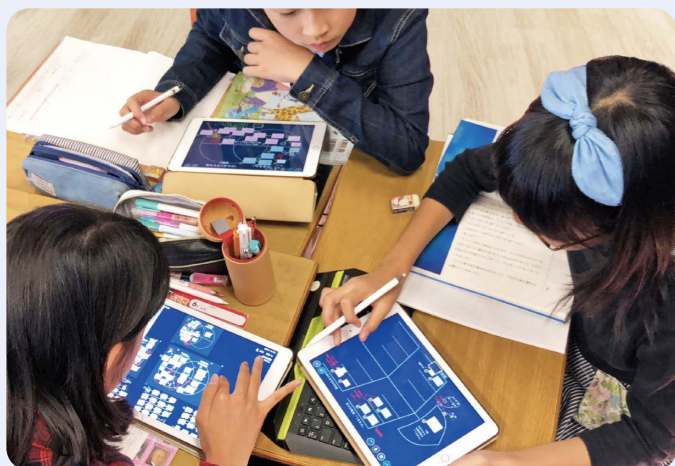
### Make ideas easier to communicate and spark active discussion.

When the thinking process is clear, it becomes easier to explain the reasoning behind ideas. This also makes it easier to compare perspectives, encouraging more active and meaningful discussions.



### Enable deeper learning.

By connecting and structuring knowledge, students build the skills needed to achieve deeper learning.



\*1 "Thinking Tools" is a registered trademark of Professor Haruo Kurokami, Kansai University.

## Choose the Right Tool for Each Learning Activity

Using Thinking Tools aligned with specific thinking skills makes idea generation easier. Choose the most suitable tool based on your learning objectives and activity.

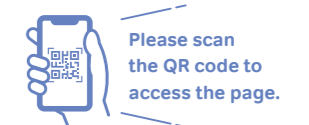
Thinking Skill	Thinking Tools	Content
① ordering	2 Axes Chart, Diamond Ranking	Rearranging multiple concepts according to certain perspectives or conditions.
② comparing	Venn Diagram, Data Chart, 2 Axes Chart, Diamond Ranking	Finding the similarities and differences between multiple concepts.
③ classifying	Y/X/W Chart	Grouping concepts based on certain shared characteristics.
④ thinking laterally *2	Webbing (Image-Map)	Finding the relationships between multiple concepts. Finding other concepts related to a certain concept.
⑤ thinking from multiple angles	Y/X/W Chart, Butterfly Chart, Fishbone Diagram, PMI Chart, Rake Chart	Focusing on the multiple characteristics of a certain concept, and/or thinking about it from multiple angles.
⑥ giving reasons	Jellyfish Chart, Data Chart	Finding or predicting the reasons behind, causes of, or evidence for something.
⑦ predicting / broaden/ plan learning / analyse	Fishbone Diagram, Candy Chart, KWL Chart, Analysis Chart	Using what is already known to predict what will happen in the future. Forecasting results.
⑧ thinking specifically	Pyramid Charts (top to bottom)	Giving concrete examples that fit the high level concepts/rules related to a certain concept, and breaking the concept down into the low level concepts and components that it is made up of.
⑨ generalizing	Pyramid Charts (bottom to top)	Discovering high level concepts and rules related to a concept, or combining multiple concepts into one.
⑩ structuring	Pyramid Charts (top to bottom), Pyramid Charts (bottom to top), Analysis Chart	Organize your ideas in a (web, layered, etc.) structure.
⑪ summarizing	Plot Diagram (Horizontal), Plot Diagram (Vertical)	Simplify by narrowing down information to the most necessary parts.
⑫ noticing changes	Concentric Circle Chart	Select a perspective and describe how something changes over time.

\*2 "Making connections" also includes the thinking skill of "expanding ideas."

## Haruo Kurokami

Professor, Faculty of Informatics, Kansai University. Specializes in educational technology, with expertise in the use of ICT and educational broadcasting, curriculum development, and educational assessment. Drawing on lesson studies in the United States and Australia, he has spent over 15 years promoting the use of "Thinking Tools" in Japanese education. He has also served on various committees related to national curriculum guidelines.

## How to Use Thinking Tools

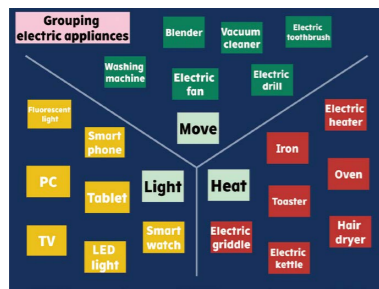


[https://scrapbox.io/enloilots/Thinking\\_Tools\\_Index](https://scrapbox.io/enloilots/Thinking_Tools_Index)

# Design lessons that generate thinking

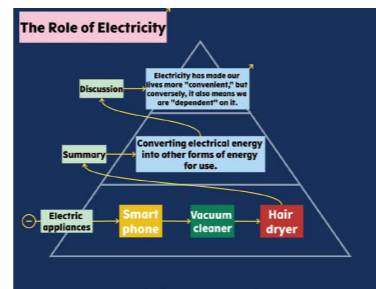
In lessons where students actively generate ideas, it is important to focus on two key thinking processes — **divergence and convergence** — and use the appropriate Thinking Tools at each stage.

## Divergent Thinking



This is the stage where ideas are generated freely and expanded. Students write down their thoughts and explore them from multiple perspectives.

## Convergent Thinking



This is the stage where ideas are organized and refined. Students identify key elements and structure their thinking into a clear, logical form.

## Key Points for Lesson Design

### ★ Repeat Divergence and Convergence

Student thinking deepens through repeated cycles of divergence and convergence. Design lessons that encourage new ideas by switching between appropriate Thinking Tools at each stage.

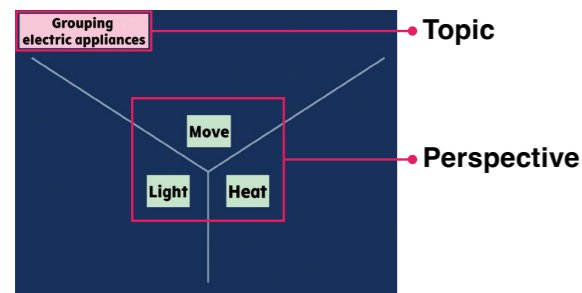
### ★ Balance Divergence and Convergence

If thinking leans too much toward divergence, ideas remain scattered; if it leans too much toward convergence, new ideas become limited. Balancing both helps students build clear and well-developed thinking.

## 1 Generate Ideas

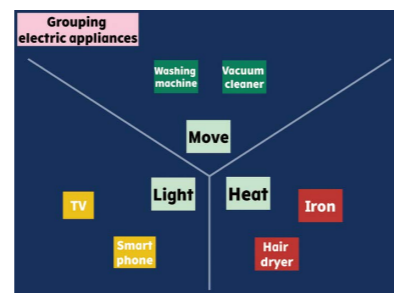
### Set perspectives

Setting clear perspectives for a topic makes it easier to generate ideas.



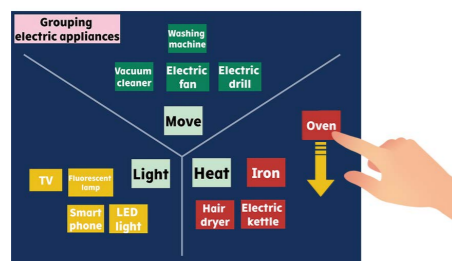
### List ideas

Visually mapping out ideas helps students see the bigger picture, making it easier to generate new insights and perspectives.



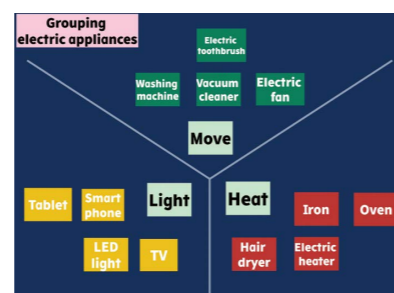
### Organize information

Organize the ideas you've listed and the information you've gathered. This reveals connections across the whole, making analysis clearer and more effective.



### See connections across ideas

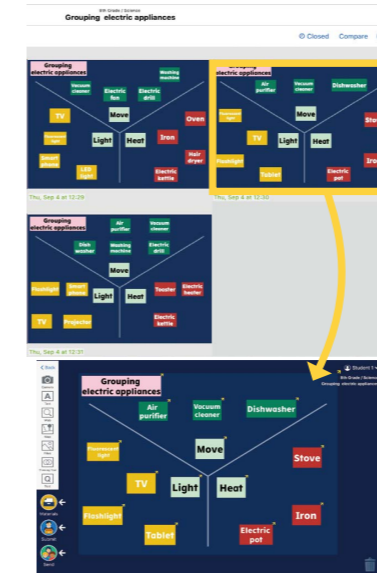
Review organized ideas and information, identify connections, and develop insights and conclusions.



## 2 Share Ideas

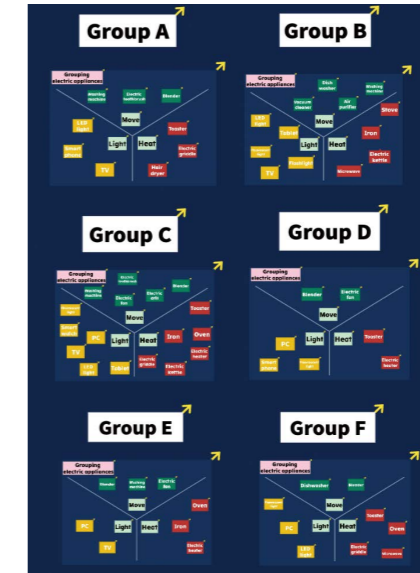
### Share and apply via the Submission Box

Use the Submission Box to share Thinking Tools. With the "Use" feature, you can also import others' responses into your own notes.



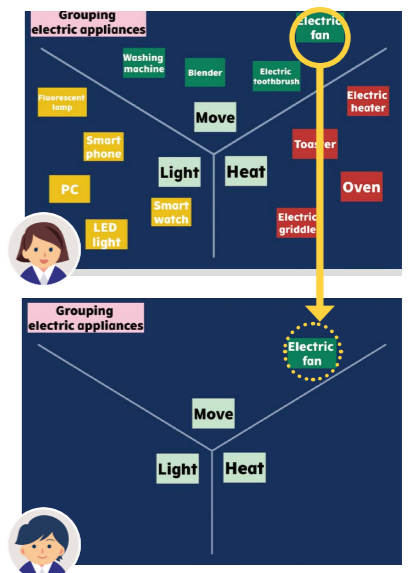
### Collaborate with Shared Notes

With Shared Notes, groups can edit a single Thinking Tool simultaneously. Students can contribute ideas together and co-create their understanding in real-time.



### Exchange cards

By exchanging cards with one another, students can incorporate different perspectives and deepen their own thinking.

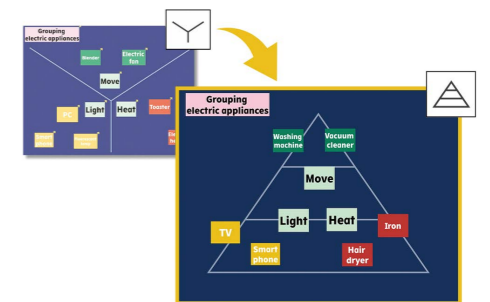


## 3 Generate Thinking

### Switch tools to shift perspectives

Use the tool-switching feature to change the Thinking Tool while keeping your ideas intact. Viewing the same ideas through a new framework reveals fresh meanings and connections.

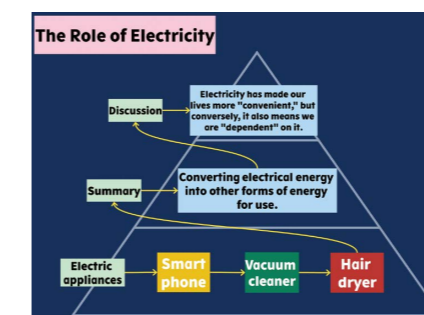
With a new Thinking Tool, students can refine their reasoning and build clear, logical arguments.



## 4 Explain Thinking

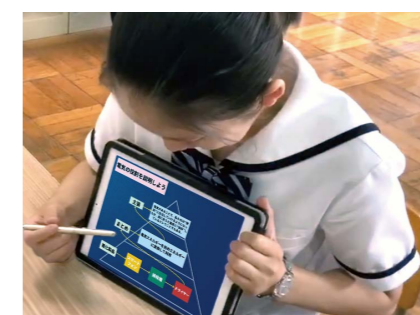
### Organize and summarize ideas

Connect cards to build presentations. By organizing ideas as you link cards, students can structure their presentations in a clear and logical way.



### Share ideas through presentations

Presentations enable students to share ideas with one another, deepening collaborative learning. With thinking clearly visualized, explanations become more structured and effective.



### Compare ideas

Using the same Thinking Tool across a class or group makes it easier to compare ideas and explain reasoning, promoting more active communication and discussion.



## National Language

### Benefits of Using Thinking Tools

#### Build vocabulary skills

By organizing relationships between words with Thinking Tools, students can view connections and nuances at a glance, expanding their range of expression.

#### Develop reading comprehension skills

By organizing text structure with Thinking Tools, students can clearly grasp the author's intent and logical flow, enabling deeper comprehension.

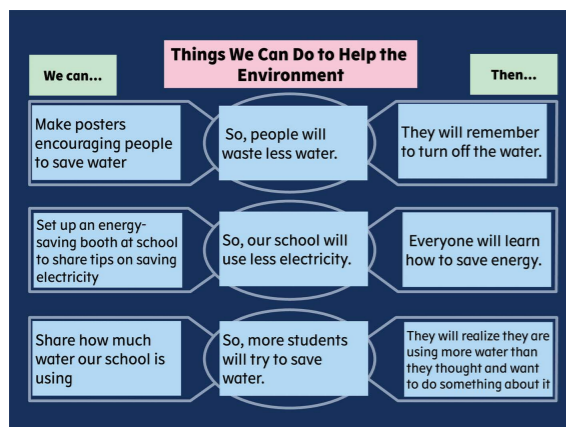
#### Compare and exchange ideas to deepen thinking

Share ideas using a common Thinking Tool and deepen understanding by comparing and exchanging different perspectives.

### Classroom Use Cases

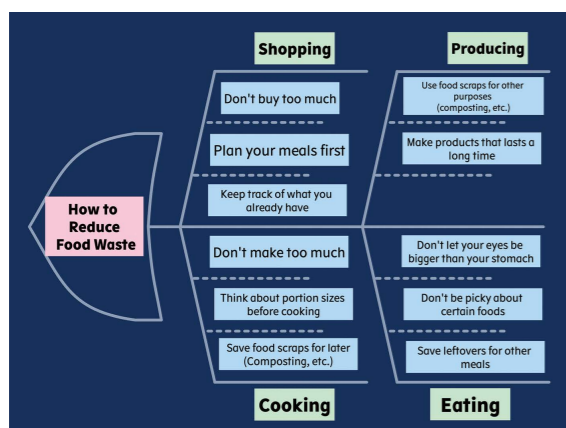
#### Speaking

##### Speak with clarity and structure



Organize thinking in the sequence of “Hypothesis → Result → Reason.” By structuring ideas with a Thinking Tool, students can clearly understand the logical flow of their speech and present with greater clarity and confidence.

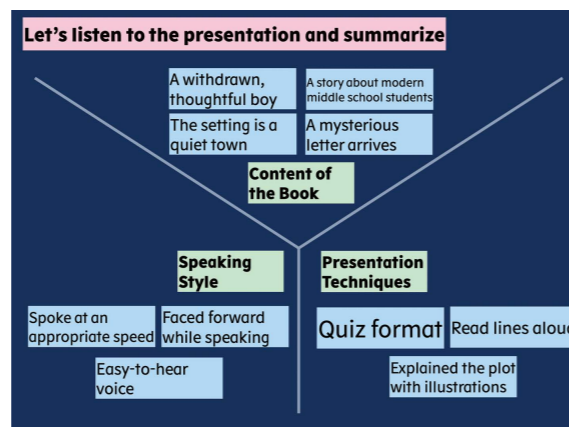
#### Writing Structure ideas logically



Organize information around a theme based on clear perspectives. This builds the ability to select relevant information and view topics from multiple angles, leading to more logical and persuasive writing.

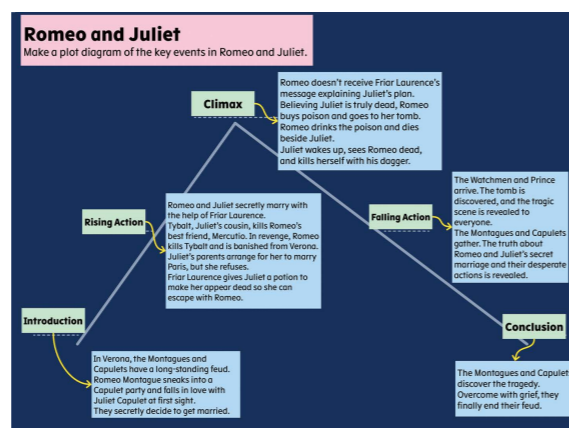
#### Listening

##### Organize key points from presentations



Listen while organizing information from multiple perspectives to grasp the overall structure of a presentation. This builds active listening skills, helps students identify key points, and enables them to ask informed questions and share meaningful reflections.

#### Reading Understand text structure



Map events in a story along a timeline to visualize its structure. This strengthens analytical skills, deepens understanding, and supports multiple interpretations of the text.

## Social Studies (Geography, History & Civics)

### Benefits of Using Thinking Tools

#### See connections in information and gain new insights

Organize maps, data, and texts with Thinking Tools to reveal relationships between information and uncover new insights.

#### Develop multi-perspective analysis skills

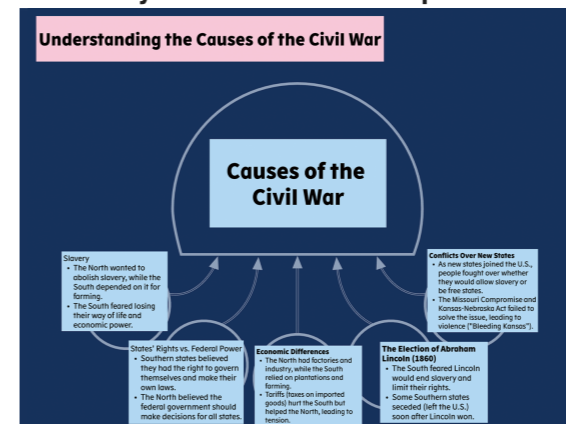
Visualize and organize information—such as regions, daily life, historical context, and modern social issues—using Thinking Tools. This helps students analyze topics from multiple perspectives and angles.

#### Build motivation to engage with society

By organizing and analyzing social issues, students deepen their understanding and develop a proactive attitude toward engaging with society.

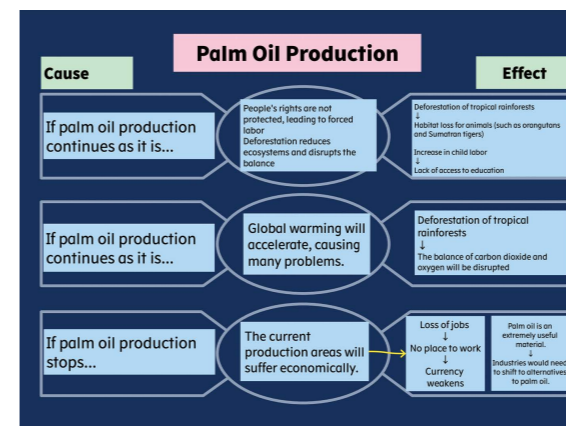
### Classroom Use Cases

#### Organize and analyze historical developments



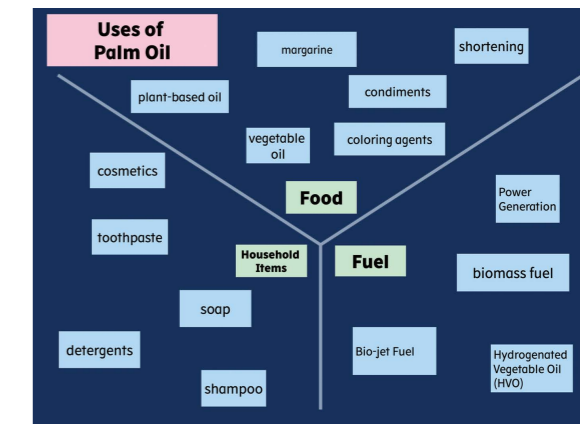
Organize historical events to understand cause-and-effect relationships. Visualizing reasons and evidence deepens understanding and leads to new questions and deeper analysis.

#### Understand the structure of social issues



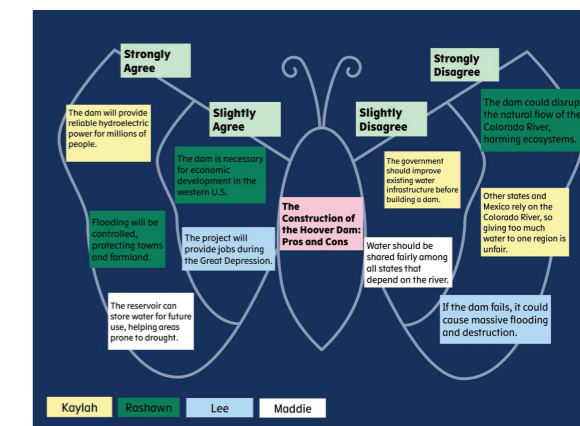
Organize social issues using the sequence “Hypothesis → Result → Reason.” This structured approach helps uncover root causes and encourages students to consider actions for a better society.

#### Collect, organize, and analyze information



Organize researched information based on clear perspectives. Structuring it from multiple angles makes differences and relationships easier to understand, and helps communicate key points effectively in presentations.

#### Deepen thinking through diverse perspectives



Explore a theme from both supporting and opposing perspectives by sharing ideas. This clarifies similarities and differences, helping students deepen their thinking through diverse viewpoints. It also fosters an understanding of differing perspectives and respect for a range of values.

# Mathematics

## Benefits of Using Thinking Tools

### Develop logical thinking skills

Visualizing problem-solving steps with Thinking Tools makes it easier to understand and follow logical structures.

### Build application skills

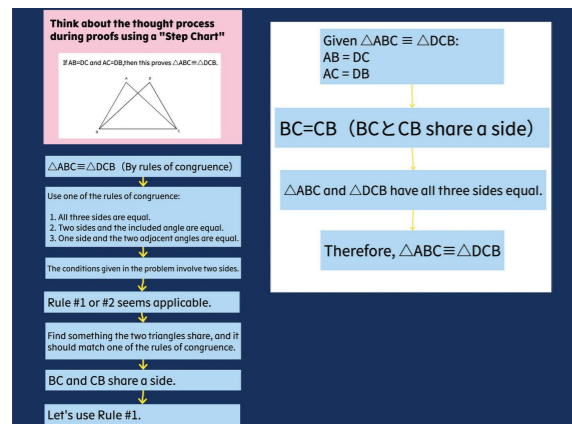
By organizing foundational knowledge with Thinking Tools, students can connect multiple concepts and apply them to solve new problems.

### Develop mathematical thinking skills

Connecting learning to real-life situations helps students apply mathematical thinking in everyday contexts.

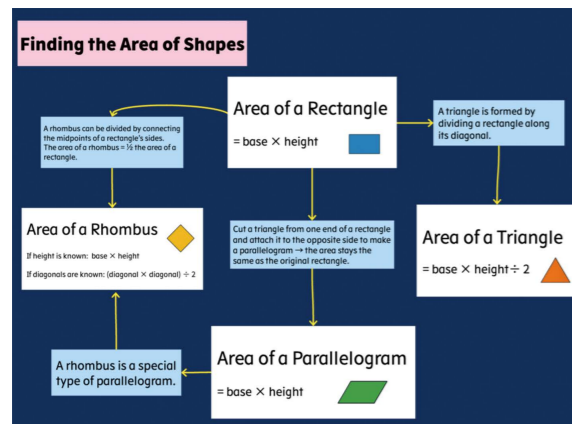
## Classroom Use Cases

### Organize solution and proof steps



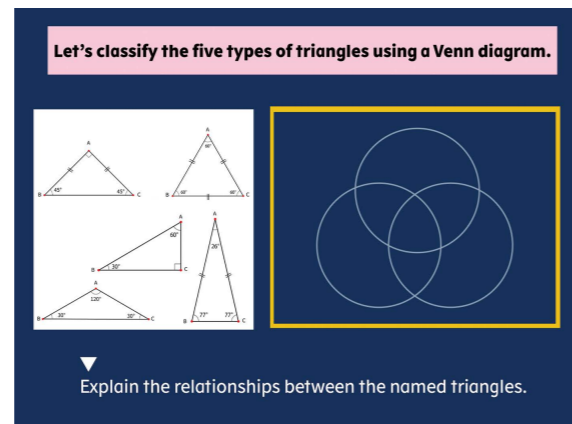
Organize the steps for solving equations and constructing proofs. Clarifying each step makes it easier to spot mistakes or gaps, while working backward from the conclusion strengthens logical thinking.

### Organize knowledge to solve problems



Organize methods such as calculating area to clarify connections between concepts. This supports a structured understanding and strengthens the ability to apply knowledge to new problems.

### Understand relationships in shapes and numbers



Classify shapes and numbers (such as factors) to highlight similarities and differences. This makes comparisons easier and helps students identify patterns and relationships, leading to deeper understanding.

### Connect learning to real life



List real-life situations where what you've learned can be applied. For example, common factors can be used in grouping or arranging tiles—connecting concepts to everyday contexts deepens understanding.

# Science

## Benefits of Using Thinking Tools

### Develop pattern recognition skills

Organizing experiment and observation results with Thinking Tools helps visualize changes over time and relationships between phenomena, making patterns in data easier to identify.

### Develop scientific inquiry skills

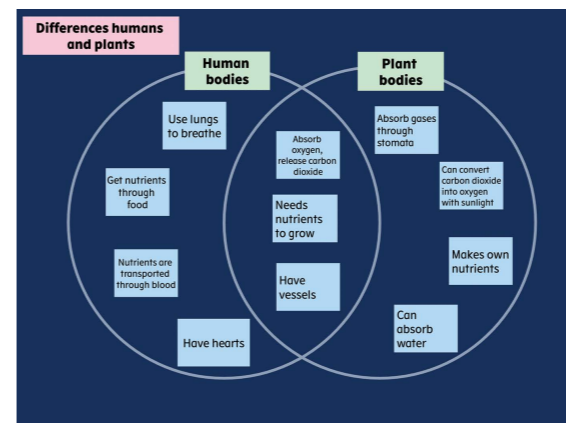
Visualizing experiment and observation results with Thinking Tools makes it easier to identify similarities and differences, helping students form and test hypotheses.

### Deepen understanding and interest in nature

Using Thinking Tools makes it easier to connect everyday natural phenomena with learning content, deepening students' understanding and interest in nature.

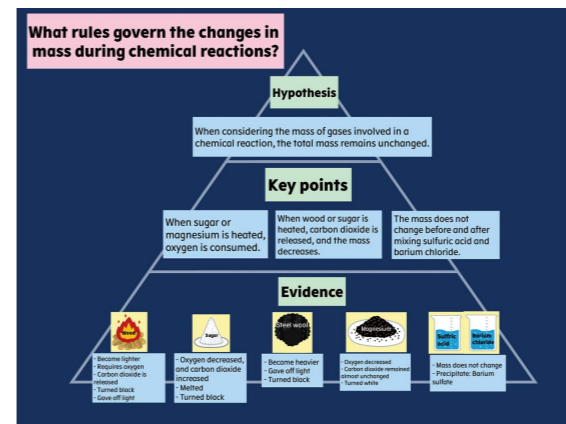
## Classroom Use Cases

### Compare objects and phenomena



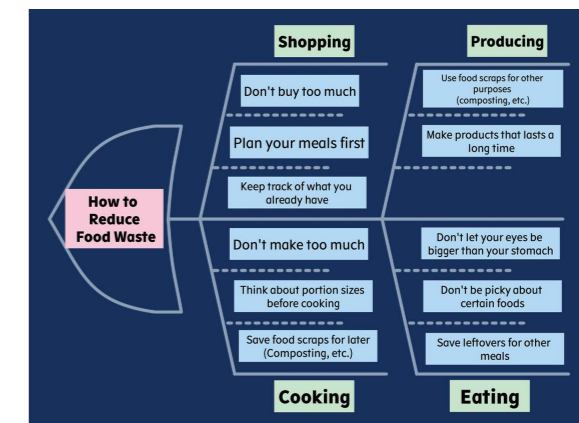
List similarities and differences between multiple objects or phenomena—such as dicotyledons and monocotyledons. Visualizing these comparisons makes them easier to understand and leads to deeper learning.

### Form hypotheses



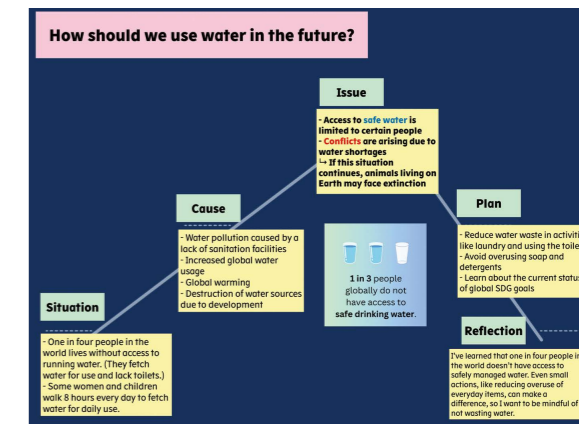
List observations and clues from experiments to support hypothesis building. By classifying and organizing information, students can identify patterns and relationships, making it easier to form hypotheses.

### Plan experimental conditions



Organize experimental conditions from multiple perspectives. Evaluating variables across different viewpoints helps select the most appropriate setup for the experiment's objective.

### Understand problem structure



List issues related to interactions with nature—such as water resources—along with their causes and possible solutions. Organizing research in a single Thinking Tool makes it easier to understand the structure of the problem.

English

Benefits of Using Thinking Tools

Develop the ability to identify key points

Organizing information from listening and reading visually helps students quickly identify key points.

Develop logical expression skills

Organizing ideas in a clear sequence enables students to express their thoughts logically and effectively.

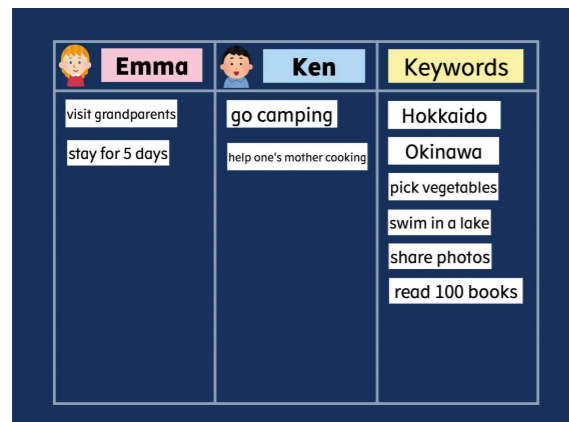
Develop thinking and expression in English

By organizing information in English, students develop the ability to think and express ideas directly in English without relying on their native language.

Classroom Use Cases

Listening

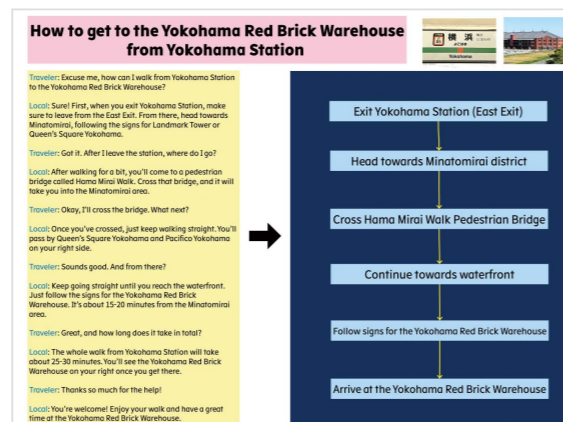
Organize key information with keywords



Listen to audio materials while organizing content into keywords. Visualizing key points helps students quickly and accurately understand the content, and supports effective problem-solving.

Reading

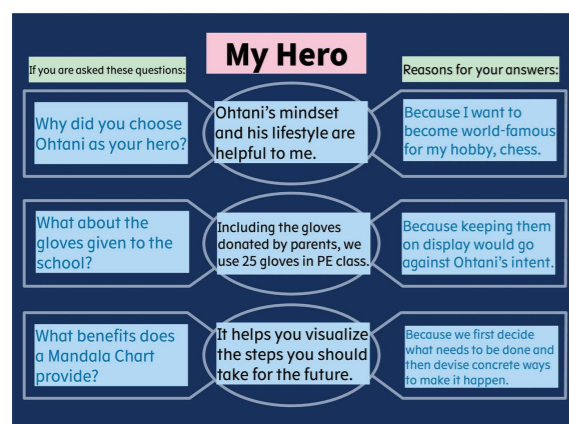
Organize information to understand structure



Outline key points from essays and dialogues in sequence. Visualizing information in order makes it easier to understand the flow of ideas and the author's message, building the logical thinking skills needed for reading longer texts.

Speaking

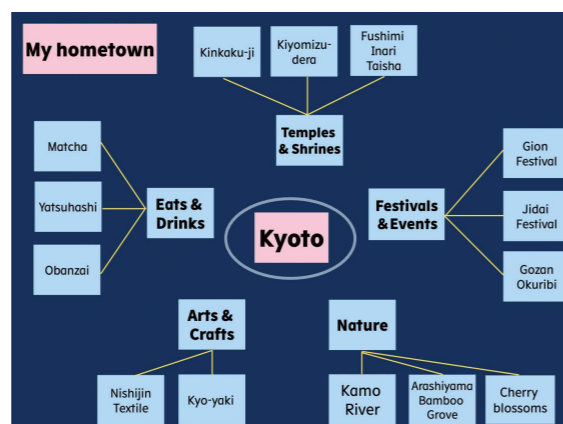
Anticipate questions for Q&A



During presentation preparation, organize your ideas in the sequence "Anticipated Question → Answer → Reason." Structuring your thinking logically helps you respond to questions with confidence.

Writing

Expand ideas



List your knowledge and researched information on a topic, then expand through associations. This process generates new perspectives and deepens understanding, helping students produce more persuasive writing.

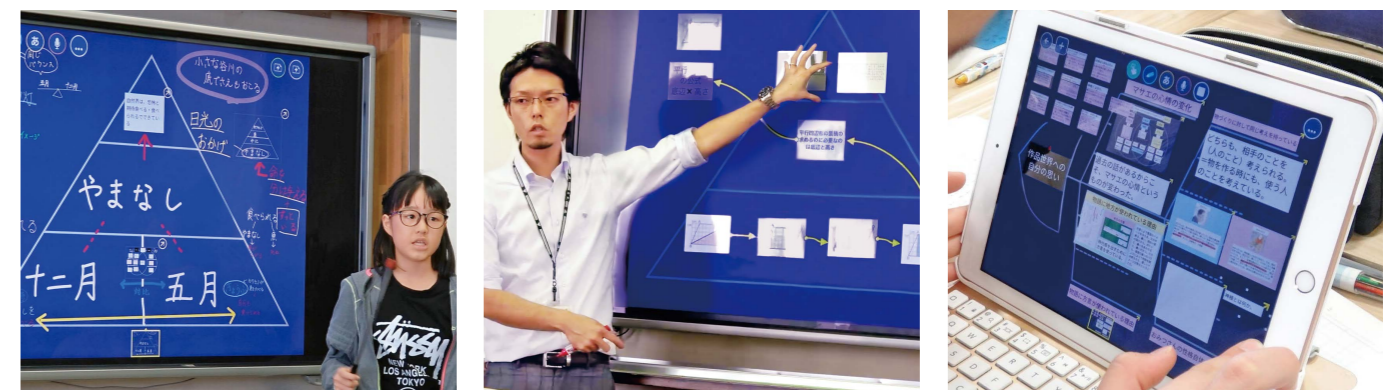
Use Cases

Develop your thinking ability with graphic organizers

“With graphic organizers, students could improve their ability of thinking, judgment, and expression.”

Teacher Kenkichi Nagano (Momoyama Elementary School, Kyoto University of Education)

For students to take the initiative in creating their ideas, it is important to acquire knowledge and utilize it to think, judge, and express them. Graphic organizers visualize thoughts and support the use of knowledge. At Momoyama Elementary School, affiliated with Kyoto University of Education, we have succeeded in developing students' thinking, judgment, and expressiveness by utilizing the Thinking Tools of LoiLoNote School.



Changes after introducing LoiLoNote School

Utilization of graphic organizers

Graphic organizers are used in sorting information, group discussions, presentation activities, and reflections. In the process of deepening the understanding of the learning content and creating ideas, abilities of thinking, judgment and expression were developed.

Benefits of using LoiLoNote School graphic organizers

Although you can write and use graphic organizers on paper, there are significant benefits to using the graphic organizer on LoiLoNote School.

- You can easily copy, move, and modify cards so you can quickly organize your thoughts without stopping your thoughts.
- By switching the graphic organizer diagrams, you can reconstruct your thoughts from a different point of view.
- By accumulating the data of the entire unit on one Note screen, students will get a bird's-eye view of their learning of the unit.

Voices of teachers and students regarding the use of graphic organizers

Voices of students

- I'm not good at organizing my thoughts, but using graphic organizers made it easier to do so.
- Shortened the working time.
- It has become faster to come up with new ideas.

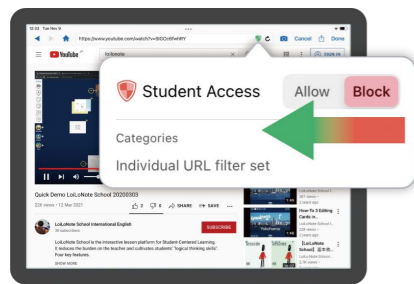
Voices of teachers

- It has made me possible to "compare," "classify," and "associate" consciously.
- Qualitative and quantitative improvements were seen in students who were not good at writing.
- As I can see the flow of thoughts of students, I can now give them more accurate guidance.

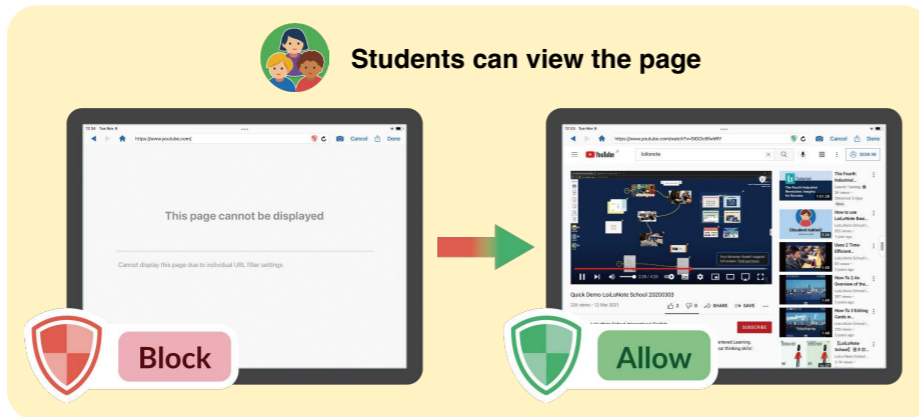
# LoiLo Web Filtering

LoiLo Web Filtering is available for free!

## Permission by teacher



## Students can view the page



## Maintain a constant speed of displaying Web pages regardless of a number of tablets connected

As the URLs are verified by a service running in the cloud, performance will not be degraded even when the number of users increases.



## Teachers can control which Web pages students can access in the app

Teachers can change the access setting in the app at any time.

Even when the rule blocked student access to the entire YouTube, a teacher can allow students to view a specific YouTube videos via the app.

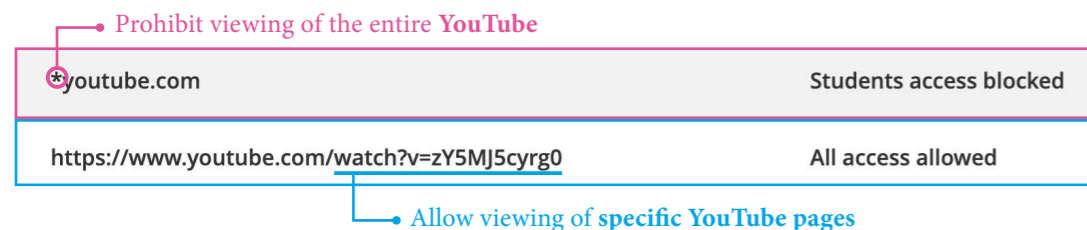
## Cloud-based AI makes real-time updates to categories

Each time a user tries to access an as-of-yet un-categorized Web site, the AI will make an automatic assessment and add the result to its database for the future.

Category	Student	Teacher
Abortion	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Adult	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

## Individual URL Filters

You can set rules for categories of Websites, whole domains, or individual URLs. Even if the entire domain is restricted, only the specified Web pages can be viewed by changing viewing rules.



## Obtain Web access logs of the entire school

Administrators can obtain Web access logs of the entire school. They can view both restricted history and full history separately. Display access information regarding a URL, including date and time, subject, the URL's category, and filtering results. Administrators can search by specific keywords or periods.

Timestamp	Viewable	Web Page	Teacher or Student	Subject	Source	Categories
2021-04-02 17:12	<input type="checkbox"/>	<a href="https://twitter.com/LoiLoNoteSchool">https://twitter.com/LoiLoNoteSchool</a>	Student	1st Grade 1st Class Extracurricular	Categories	Social Networking
2021-04-02 17:11	<input type="checkbox"/>	<a href="https://www.youtube.com/watch?v=zY5MJ5cyrg0&amp;feature=emb_logo">https://www.youtube.com/watch?v=zY5MJ5cyrg0&amp;feature=emb_logo</a>	Student	1st Grade 1st Class Extracurricular	Individual URL Filters	
2021-04-02 17:10	<input type="checkbox"/>	Instagram	Student	1st Grade 1st Class Extracurricular	Categories	Social Networking
2021-04-02 17:09	<input type="checkbox"/>	<a href="https://twitter.com/">https://twitter.com/</a>	Student	1st Grade 1st Class Extracurricular	Categories	Social Networking
2021-04-02 17:07	<input type="checkbox"/>	YouTube	Student	1st Grade 1st Class Extracurricular	Individual URL Filters	

Website usage time can be displayed individually for teachers, students, and the entire group.



## Web filtering is effective on the entire device



## Learn more about LoiLo Web Filtering

It is a LoiLo Web Filtering manual page.

You can learn how to set rules from the administration screen.

[https://scrapbox.io/enloilomanual/LoiLo\\_Web\\_Filter\\_Maunual](https://scrapbox.io/enloilomanual/LoiLo_Web_Filter_Maunual)



LoiLo Web Filtering