

EVERYTHING DIGITAL EDUCATION NEEDS IN ONE INTEGRATED SYSTEM



# AI-powered learning

Complete Digital Education Ecosystem for K-12

**Platform • Content • Know-how**

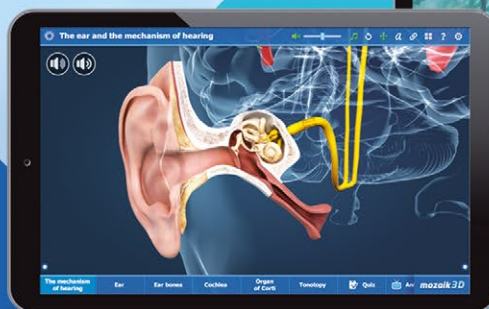
Built-in  
Content  
and LMS



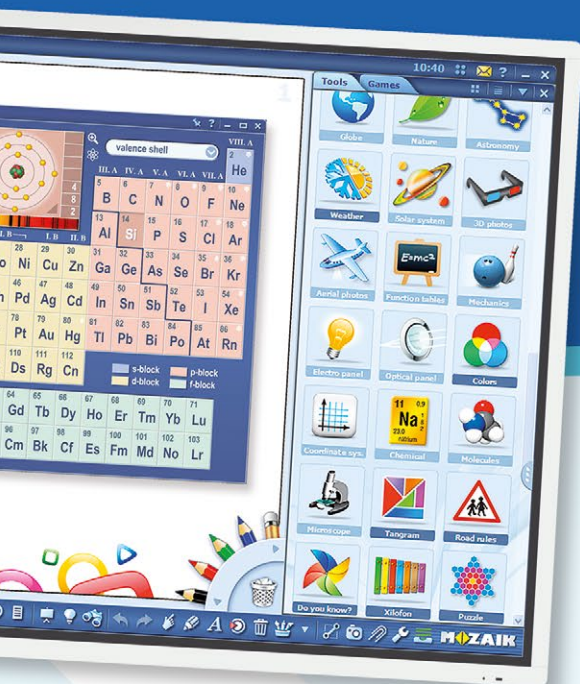
Compatible with any device • more than 40 languages



**MOZAIK**  
education







# mozaBook & mozaWeb

## TEACHING, CONTENT CREATION, AND CLASSROOM INTERACTION

At the heart of the ecosystem is mozaBook - our classroom lesson and content-creating software - closely linked to the online platform, mozaWeb.

### Teachers can:

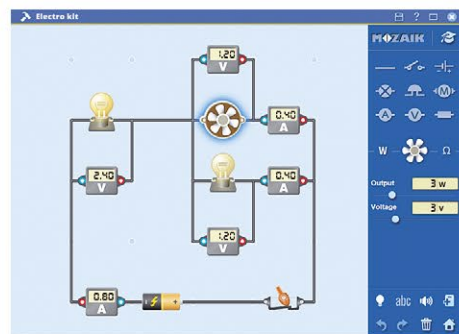
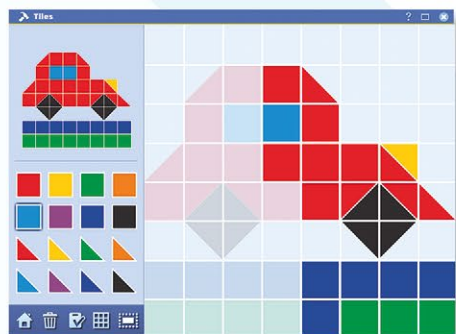
- Create interactive lessons from **PDFs, textbooks, or scratch with the help of AI**
- Enrich their lessons or books with **3D scenes, videos, images, tools, and simulations**
- Create **lessons, worksheets, and digital exercise books**
- Reuse existing materials or create new ones with ease
- **Share lessons** with colleagues or students instantly

## Interactive Media Library for all K-12 subjects

The platform includes 300+ interactive tools, educational games and quizzes, supporting **visual explanation of complex concepts, skill development, and experimentation**, as well as **inquiry-based and exploratory learning**. New tools are continuously added to the system.

### Tools can be used:

- in real time in the classroom
- embedded in digital lessons
- by students independently on their own devices



Try our applications on [www.mozaweb.com](http://www.mozaweb.com)



## Illustration and drawing tools

The intuitive user interface of our visual drawing tool allows even the youngest students to draw playfully, while also facilitating the construction of precise geometric drawings with the help of built-in rulers, a protractor, and a compass.





# mozaWeb

## Pedagogy-First Learning Management

### An LMS that guides the entire learning process

The mozaWeb LMS supports the entire teaching workflow in a single integrated environment. Teachers can manage classes, communicate with students, create and assign tasks, monitor progress and assess results, **all within the same platform that works both in the classroom on an interactive board and online in any browser.**

The LMS is deeply integrated with Mozaik's interactive content library, allowing teachers to move seamlessly between management, teaching and assessment.

- **Class and group management**
- **Noticeboard for teacher-student communication**
- **Assignment and homework creation**
- **Automatic and manual assessment**
- **Statistics and progress tracking**



## Immersive Learning with 3Ds, Simulations, and Exploration

Mozaik offers a library of **1,300+ interactive 3D scenes**, allowing students to:

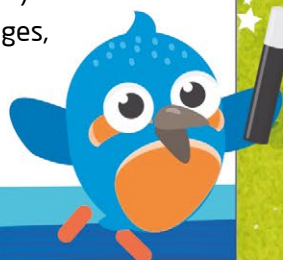
- Explore objects, systems, and environments in detail
- Rotate, zoom, and interact with the models – just like in video games
- Listen to narrations and learn with built-in tasks

## Assessment Built into Learning

Assessment is not done separately – **it is embedded into everyday learning and into our ecosystem.**

### Teachers can:

- Create **customised worksheets and tests**
- Generate exercises from Media Library elements, like 3D scenes
- Generate assessments based on their lessons or curricula, using the **built-in AI tools**
- Choose from multiple task types (MCQ, matching, ordering, charts, etc.)
- Enrich assessments with images, videos, and audios



Students can receive **immediate feedback**, or teachers can assign the exercises as homework or exam sheets.

Register for **FREE** on  
**mozaWeb.com**





### AI-Supported Teachers

*AI that empowers educators - not replaces them*

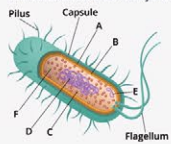
Artificial intelligence in the Mozaik ecosystem is designed to **support pedagogical work**, rather than automate it.

AI supports teaching and assessment through **integrated task generation, assisted evaluation, and standards-aligned content** search. Tasks are delivered as fully functional digital exercises, enabling immediate use in lessons, tests, and personalised learning pathways.



#### Exercise 1

##### The Structure of the Prokaryotic Cell



#### Exercise 1.1

Which letter indicates the site of protein synthesis

#### PLASMIDS

0 / 1

Your answer focuses on mutation and airborne spread of resistance, which are not directly related to the question about the location of genes encoding antibiotic resistance. To improve, mention that these genes are typically found in plasmids within bacteria.

#### CONJUGATION

0 / 1

You've touched on an important aspect of how bacteria can develop resistance through mutation. Bacteria do not typically spread resistance through the air as mutations are a genetic change. Instead, conjugation involves the direct transfer of genetic material between bacteria, often through a structure called a pilus. In your response, you could mention the key role in the spread of antibiotic resistance.

Describe how gene exchange between bacteria can lead to the spread of antibiotic resistance within a bacterial population.

Bacteria develop resistance to antibiotics because they mutate when exposed to antibiotics, and these mutations are then spread to other bacteria by the air.

### AI-Supported Evaluation

**mozaMarkr assists teachers by:**

- Pre-grading open-ended answers
- Highlighting key points and common mistakes
- Providing fast and personalised feedback

**The final decision always remains with the teacher.**

### Competency Measurement at Scale

Mozaik supports **national and institutional competency measurement programmes**, including hybrid models that combine paper-based testing with **AI-supported digital processing and evaluation**.

Task generation, evaluation, and result analysis are aligned with curricula, learning outcomes, and defined exit criteria.

### Curriculum & Standards Alignment

**Mozaik solutions can be aligned with:**

- National curricula
- Local educational standards
- Ministry-defined frameworks

### From a Classroom to National Scale

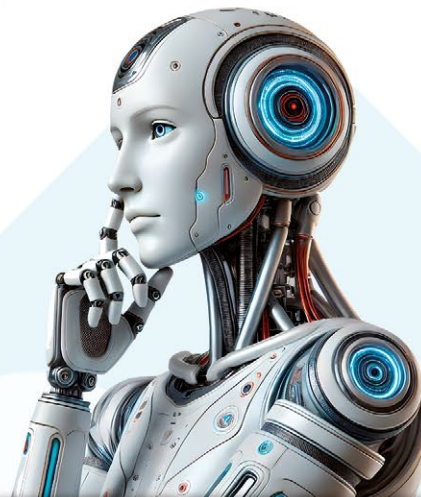
Mozaik scales seamlessly, combining a **scalable digital system with the know-how** required for successful implementation. We support curriculum and textbook integration at a national level and provide professional guidance for the organisation and delivery of teacher training programmes.

With **content, LMS, AI, and infrastructure in one system**, Mozaik provides a **future-proof foundation for digital education**.



**Mozaik Education**

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