







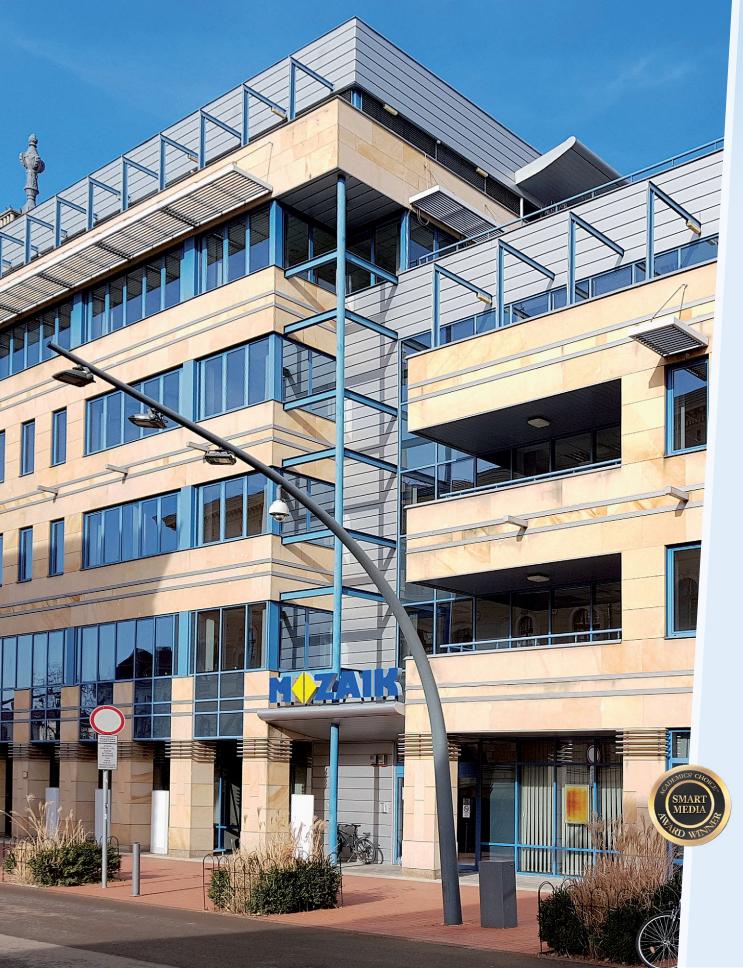


mozalearn Innovative Education Solutions

by Mozaik Education

mozaWeb.com





Mozaik Education

- Mozaik Education started out as a textbook publisher in 1990. We are currently one of the largest digital content providers in Hungary.
- The company was founded by teachers and software engineers, which created a unique fusion of expertise in education and software engineering.
- 200 employees, 100+ ongoing digital education projects.
- Continual development of interactive content: 3D scenes, videos and digital lessons, even at our partners' requests.
- Professional printing press equipped with state-of-the-art machinery.
- International content development: content available in more than 30 languages.

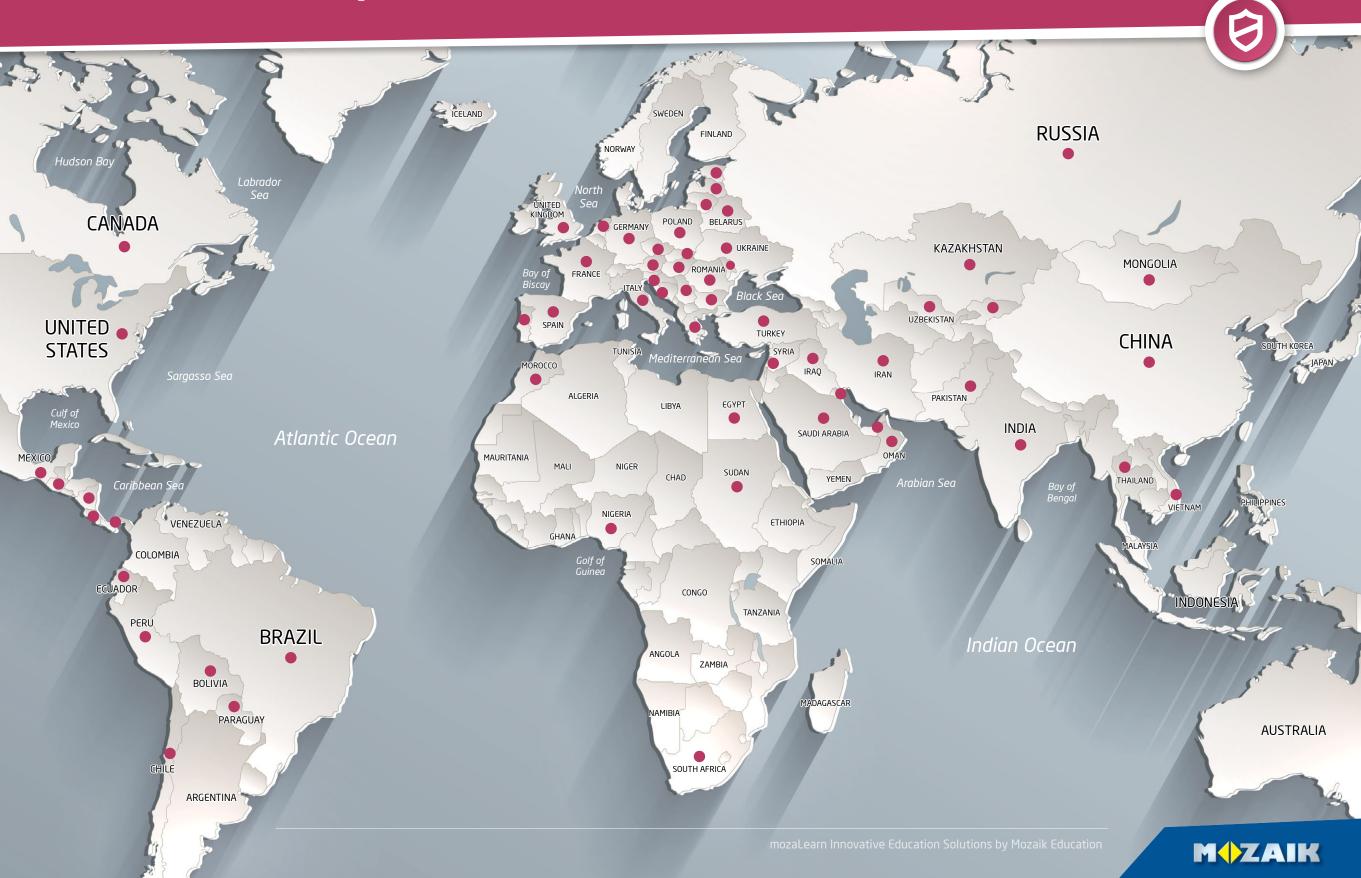








Our worldwide partners







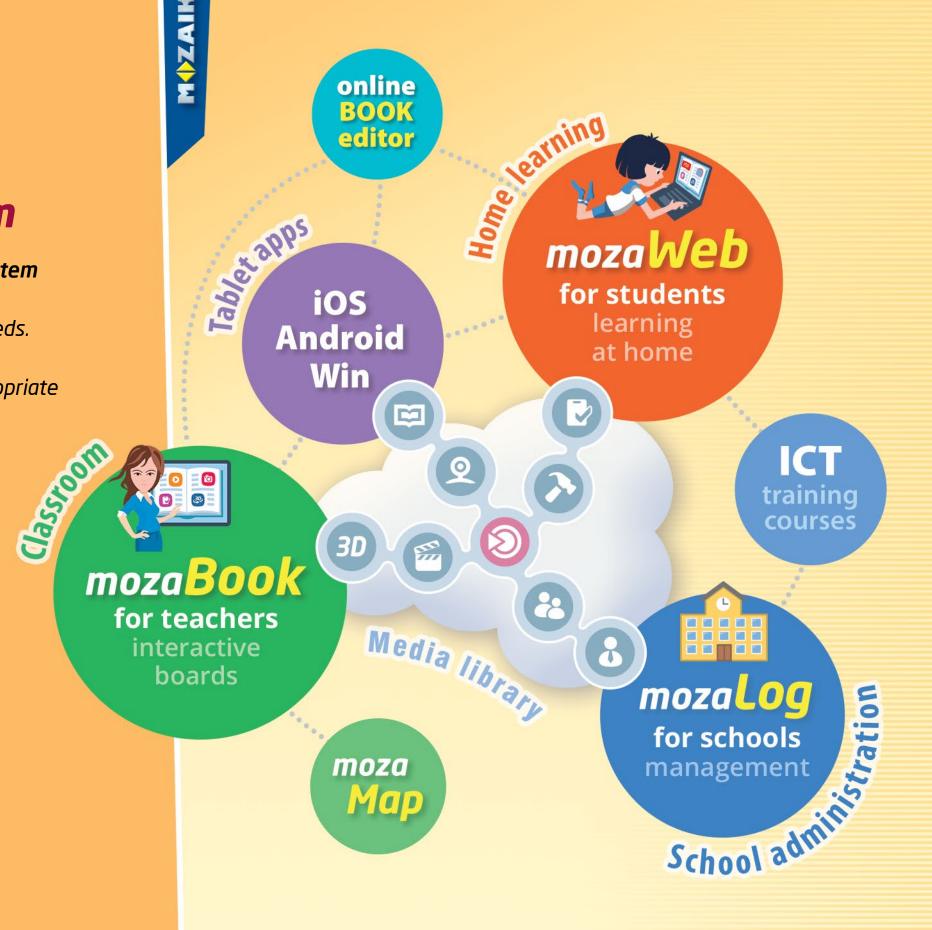


The mozalearn integrated educational system

mozaLearn is a digital education system specifically designed to facilitate teachers' work, according to their needs. It covers the entire education system (K–12, all subjects) and provides appropriate support for both pupils and parents.

Its 3+1 key components:

- the mozaBook interactive educational presentation software suite,
- the mozaWeb online platform for learning at home,
- the mozaLog student information and school administration system,
- the media library
 an interactive content library.







Digital Solutions

for

- interactive whiteboards
- digital learning at home
- school administration

mozaBook 😟

educational presentation software

MozaBook is a presentation software optimised for interactive whiteboards and displays. The digital publications make the printed version of the textbooks more interesting and easier to comprehend with various interactive materials, 3D scenes, educational videos, exercises and thematic tools.



Impressive exercise books with just a few clicks

Exercise books can be illustrated with several background pictures that are grouped by theme. The background images and page lining are fixed, so they do not impede editing and presentation.





You can write or draw in the exercise books or create spectacular animated presentations. Text, drawings, pictures, videos and 3D scenes can all be used in the presentations.







Gallery

The built-in image gallery contains freely resizeable images created by our graphic artists for illustrating exercise books, grouped by subject and topic.



Media library - Window to the world

The mozaBook media library provides an inexhaustible source of educational resources. Browse among thousands of our interactive extras, search images, video or sound files on your computer or on the Internet.

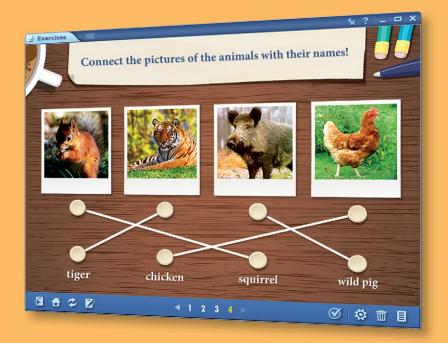


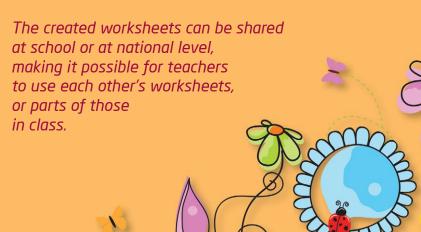
Test editor

MIZAIK

Impressive, individualised worksheets are simple to construct with the mozaBook's test editor. These worksheets can be incorporated into the books and exercise books and played in class.

You can choose from several types of exercises (simple choice, matching, crosswords, labelling, gap filling, etc.). Pictures, drawings, videos and sounds can also be inserted from the media library, from the Internet (e.g. YouTube videos) or from your computer.





digital learning at home

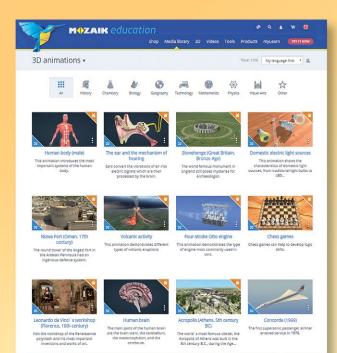
THE WEB PAGE OF THE YEAR

MOZAIK

The interactive textbooks accessible through the Internet are aimed at self-directed learning as well as at practicing skills associated with acquiring knowledge.



Animations, exercises and supplementary materials help students immerse themselves in the given fields. mozaWeb is accessible with any Internet browser, without installing any additional software.



Tools

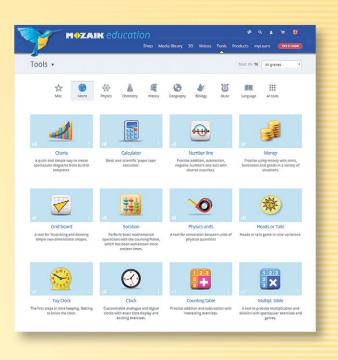
More than 120 tools, grouped by subject, are accessible to teachers and students.

Their number and functions are continuously growing. Students are provided with great opportunities for playful learning, practicing, or immersing themselves in the given subject.



Media library

The media library contains the interactive content of textbooks in an organised, searchable format. Digital lessons, videos, sound files, pictures, 3D scenes, exercises and explanations can be viewed in alphabetical order in the currently open textbook, in all textbooks of the given subject or in the entire media library.



Games for practice and skill development

mozaWeb's continuously expanding range of logical, practice and skill development games, in addition to being entertaining, helps students practice and deepen the knowledge they acquired. Students can even play with friends or classmates using the online games.

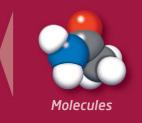
mozaTools 🙃 🚳

thematic applications

Our interactive applications provide a unique and playful way for students to acquire knowledge and understand the learning material better.



- Over 120 thematic applications are available at the moment, the number of which is constantly increasing.
- Accessible for both students and teachers, even online.

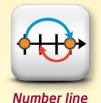




















Calendar

Word cards Charts

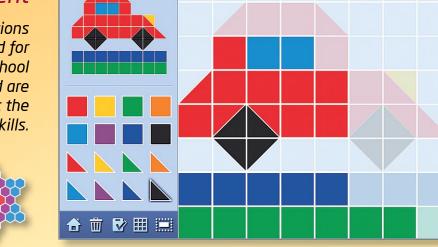
Skill development

MAZAIK

These applications are designed for elementary school students and are aimed primarily at the development of skills.







The collection of the more than 120 currently available tools is continuously expanding with new functions being added regularly. The applications are available for teachers in our mozaBook software, but students can also access them on our website, www.mozaweb.com.

Animations

Certain tools contain animated exercises which make learning even more enjoyable.



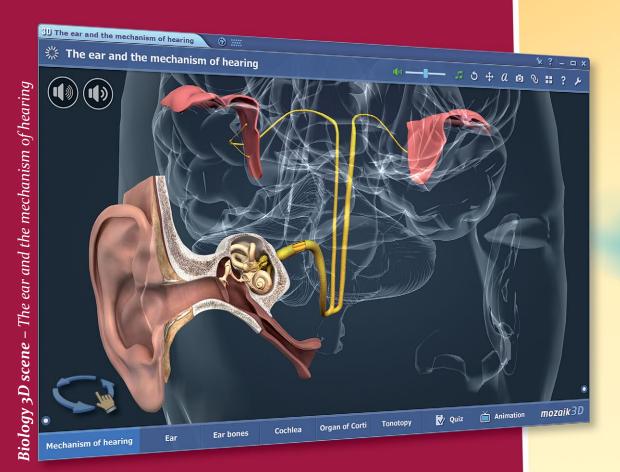


mozaik3D 🐵 🚳

interactive 3D scenes

Over 1300 3D scenes supplement the text, images and diagrams in our textbooks. These can be accessed through our interactive textbooks, which, when shown in class on an interactive whiteboard, help students to understand the learning material better, make lessons more impressive and improve the quality of illustration in class.

MAZAIK



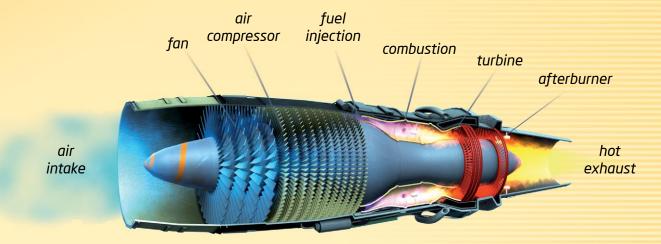
- The 3D scenes can be enlarged and rotated.
- The unified interface is easy to use.
- Most animations can be explored with the help of narrations and contain built-in quizzes.

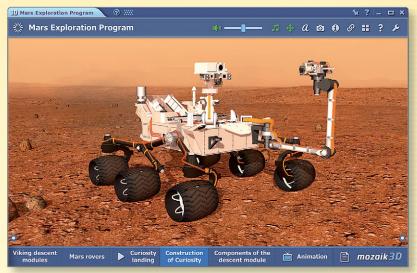


History comes alive

We can walk through buildings of the past, take a peek into the daily lives of people, explore real and mythical historical events in ways that were unimaginable until now.

History 3D scene – Acropolis (Athens, 5th century BC)





of Nature

The secrets

We can travel through space, learn about our Solar System, the natural wonders of Earth and the laws and secrets of Nature.

Geography 3D scene – Mars Exploration Program

mozaBook for tablets

mozaBook on mobile devices



Students using tablets in school or at home can access the content of their textbooks directly on their portable smart devices.



With our tablet applications, students can use their enhanced textbooks, including the built-in extra content, on Windows, Android and iOS tablets. Once downloaded, the textbooks are fully functional both online and offline.



Virtual reality in 3D scenes

Students can virtually explore the 3D scenes on their mobile phones.

If they place their phones inside appropriate VR glasses, they can find themselves in ancient Athens, in the Globe Theatre or on the surface of the Moon.



- smartphone with a gyroscope
- VR glasses for smartphones
- mozaWeb account
- mozaik 3D application, available free of charge from app stores





Interactive tables of contents and the built-in search function help users navigate in digital publications. Students can draw and highlight texts in books and exercise books. The system notifies students about new homework assignments, which they can solve and send back to their teachers.

mozaBook Editor 🙃 🚳





online digital textbook editing system

Any publisher can upload the PDF versions of their own printed textbooks to mozaBook Editor, and convert them immediately into interactive digital **textbooks.** The system givs individual access for every publisher so that each and every publisher has exclusive access to their own publications.

Creation of digital textbooks

First, publishers upload the electronic files of the printed textbooks used by teachers and pupils to the mozaBook Editor online digital textbook editing platform. Then they can insert extra content from the **media library**, a collection of interactive educational content including over one thousand 3D scenes, several hundred video and audio files, images, assessment exercises and other supplementary materials created by Mozaik Education.



In addition to using the content of the Media library, publishers can also insert their own digital content, or use educational materials from the Internet too. The mozaBook Editor can create various digital textbook packages from existing books, depending on the publisher's needs: books for classroom use on an **interactive board**, for online **home learning,** or for **Windows, iOS** and **Android** tablets.

mozaBook Editor

Online digital textbook editing system

Features

MOZAIK

- Import PDF files (textbooks)
- Editing page highlights and enlargements
- Insertion of interactive content into the publication
- Creation of interactive table of contents
- Creation of digital textbook packages for mozaBook, mozaWeb, iOS, Android
- Assignment of tasks for editors
- Editing statistics
- Administration of digital textbook packages
- Management of digital textbook packages
- Status report of digital textbook packages



mozaLearn Localisation

Online translation and localisation tool for the mozaLearn system

Features

Upon further localisation requests, the translation of the mozaBook and mozaWeb software interface and linguistic elements, as well as any corrections can be performed within the mozaLearn localisation platform.

- mozaBook: menu system and user interface
- mozaWeb: menu system and user interface
- mozaTools: databases and user interface
- 3D scenes: menu system and the content of 3D scenes

Media library

Interactive educational content for all K-12 school subjects

Content types

- Interactive 3D scenes (more than 1,200)
- Educational videos (more than 1,000)
- Educational tools and games (over 120)
- Collection of educational images
- Music and audio files

Mozaik Education and its partners continually develop new educational content, which is why the **Media library is actively expanding**. All currently available content can be viewed on our website, www.mozaweb.com.



mozaik3D app ®

mozaik 3D on mobile devices

Our application has been designed mainly for students between 8 and 18 years of age. The interactive educational scenes related to History, Technology, Physics, Mathematics, Biology, Chemistry, Geography and Visual Arts will turn learning into an adventure.



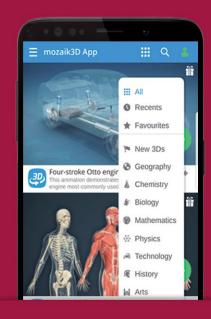
The 3D scenes are available in 30+ languages, which also offers an excellent opportunity to acquire and practise foreign languages.





Our interactive 3D scenes can be rotated, enlarged, and viewed from pre-set angles. Navigate through the complex scenes easily with the help of the predetermined views.

Most of our 3D scenes include narrations and built-in animations. They also contain labels and entertaining animated quizzes.



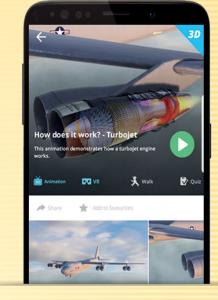


All Mozaik 3Ds can be switched to stereoscopic mode for an amazing virtual reality experience. Walking around the city of Babylon, through a medieval town or landing on the Moon is just a click away.

Some of the 3D scenes contain a walk function, enabling you to explore the scene yourself by using the virtual joystick.



With the **mozaik3D app** (compatible with all VR headsets and available for iOS and Android), subscribers can explore all our 3D scenes.





VR FUNCTION



SEARCH, FILTER





NARRATION





DRAWING

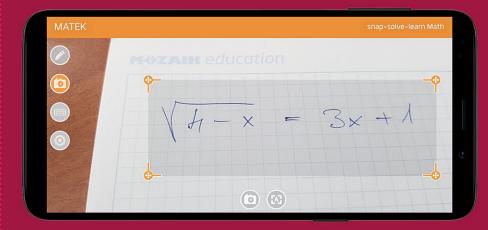


If you place your phone in a VR headset you can take a look around in the human body or examine the structure of a leaf.

Matek app 🙃

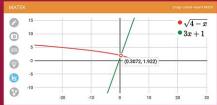
for solving equations on smart devices

The Matek educational application helps solve the most complex equations and understand how to find the correct result. Snap a picture of the equation or write it on the display and the app will gradually guide you through the solution.



Insert the exercise directly from a textbook or testbook using a smartphone camera or by writing it by hand on the display of the device.









Go through the solution step by step. If possible, solve problems individually or ask for hints when stuck. Have a look at the simplified solution of the whole exercise, or access more detailed explanations with one click.

Fizika app 😟

for experimentation on smart devices

The Fizika app offers an exciting user experience and the opportunity to play. Learn while having fun and understand how the surrounding world works. Use the application on a smartphone or an interactive board in school.

Observe a mechanical process, model it with a few clicks, then play on your device as many times as you wish.

This allows for examination of what happens and leads to an understanding of the underlying physical phenomena.



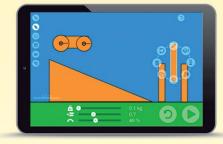




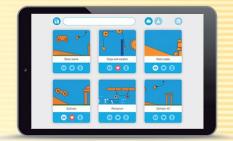
Modify the parameters and properties of objects during experiments; this enables you to observe what happens when you change the initial conditions.

The easiest way to grasp processes is to use well-made graphs.

Create graphs for analysing virtual experiments with a click, and use them to interpret the physical phenomena along with the motion of objects.







LabCamera is a science exploration application which enables students to carry out experiments using their built-in cameras of smart devices or any external webcam. It's a cost-effective way to enhance the STEM curriculum and promote scientific inquiry.



LabCamera develops skills for investigation, problem-solving, critical thinking and deductive reasoning. LabCamera has 7 modules to cover all Science subjects.











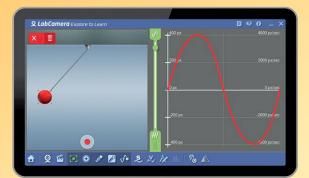




Time Lapse

MOZAIK

The Time Lapse function helps you observe and better understand the slow processes in nature, such as the formation and migration of clouds, ice melting, the growth of plants, etc.



Kinematics

This module uses the picture of the webcam or pre-recorded videos for movement analysis and can track up to 3 objects at the same time.



Motion Cam allows you to capture rare and intimate situations in nature; it works just like motion-sensor cameras.



Universal Logger

The module can log any measurement instrument's data that has either a digital, radial-dial, or fluid-based display by 'connecting' it to your computer through its built-in camera.

Microscope

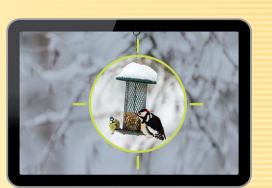
Built as a universal measuring tool, it enables students and teachers to measure sizes, distances, angles and areas as well as allowing the examination of microorganisms.

Pathfinder

The Pathfinder module tracks and detects the unseen paths and patterns of moving objects and beings. Toggle between path and motion density maps to find patterns in seemingly chaotic motion.

Graph Challenge

Understand graphs through a game-like app that follows movement and compares it to a designated curve.



Weekly practice tool ®

artificial intelligence in education

Weekly practice is a complex tool that generates exercises based on the time allocation of topics covered by the curriculum of any given country. It affords teachers and students the opportunity to work and practise with customised tests that allow for individual problem-solving, with the option to monitor results on a weekly basis.



The Weekly practice tool offers practice opportunities for every week throughout the academic year as well as during summer vacation.

The user can select the subject, their grade, and the relevant week of the school year.

Based on the curriculum, the software **generates a custom**, **individualised** test to be solved and checked by the student. Results of the completed tests can be tracked retroactively with the help of the software.

If the student gets stuck while solving an exercise, the **Word problems** tool can be of assistance, **guiding the student** through the solution of each specific exercise **step by step**.

Word problems

The tool is familiar with the rules of given field of natural science and can apply these when generating and solving exercises. This enables the software to generate any number of custom exercises and reveal solutions step by step.

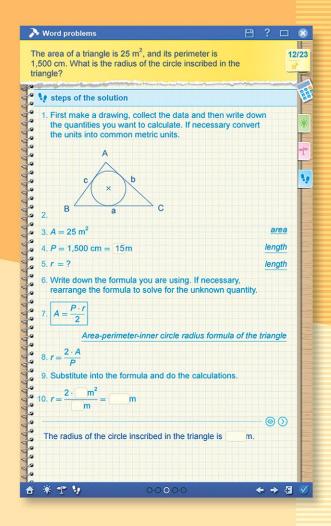
Word problems features:

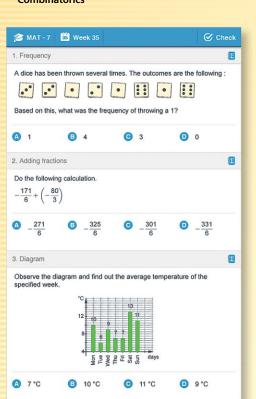
- includes topical categorisation of the various exercise types pertaining to natural science
- able to generate exercises in any given topic and language (localisation possible upon separate custom agreement)
- guides user through the solution of any generated exercise step by step
- allows teachers to custom-create tests for students

Processing the units of the syllabus temporally is adapted to each country's curriculum. Import local curricula for various areas and subjects to enable the software to generate an appropriately timed test, in accordance with the relevant week's topic of discussion.

Benefits of the Weekly practice tool:

- ensures systematic practice
- generates personalised tests
- offers users help with the solution of exercises
- aids the monitoring of results
- tailors topics and timing to curriculum of specific country





Network of Knowledge ®

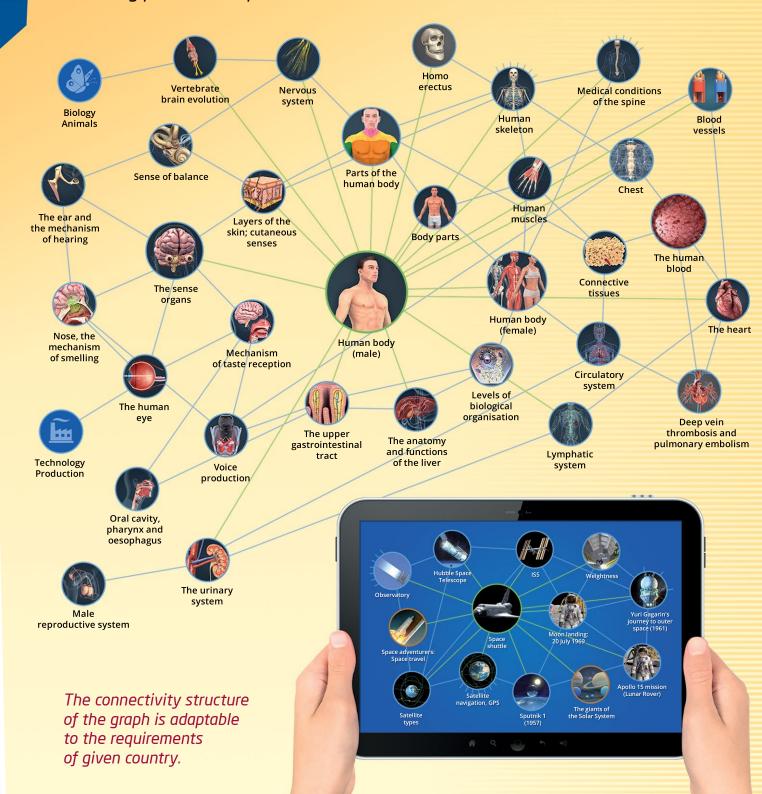
all relevant content just one click away

All educational materials tie into a shared network, creating a conceptually unified system based on the individual content items. The Content graph can be adapted to any given country's curriculum, allowing the software to offer more relevant, subject-specific material.



- interactive digital textbooks with relevant content
- spectacular digital lessons to engage students
- interactive 3D scenes with VR component
- age-adjusted, subject-related educational tools
- informative educational videos
- interactive 3D smartbooks to supplement in-class learning

The **Content graph** allows users to jump from one content item to the next, supporting movement between related topics as well. Depending on the individual's interests, forming personalised learning paths is also possible.



Digital lessons ®

cooperative, project-based materials

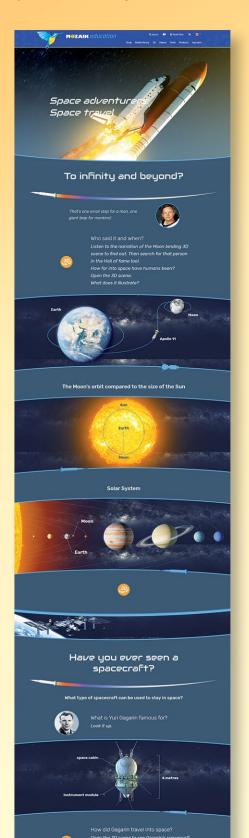
The missing link between printed textbooks and digital education. Up-to-date material that helps make the transition to digital classes.



Processing learning objects founded on students' active participation, experience-based knowledge acquisition, and cooperative skills. After presenting novel problems, students are encouraged to search for solutions in groups.

The materials build on the teacher's role as facilitator and improve student cooperation along with social and digital competence. Therefore, skill sets that prove essential for future generations in the world of artificial intelligence are brought to the forefront.

Digital lessons can be used either as individual or cumulative lessons in class or study groups (i.e. out-of-class activities). Interactive content items such as 3D scenes, educational videos, as well as tests for practice and revision included in the lessons help process the subject matter more efficiently.



Features

- Learning objects built on cooperative work and project-based learning.
- Interdisciplinary content connecting various subjects' body of knowledge (e.g. Science, Mathematics, History)
- Easy-to-follow line of thought makes the learning experience enjoyable.

The spectacular content can be used on interactive displays, tablets, and smartphones, improving both teacher and student digital competence.

Teachers can access lesson plans that help process the curriculum in the most efficient way possible. These also provide ideas as to the allocation of time, realisation of pedagogical aims, and execution of lessons.



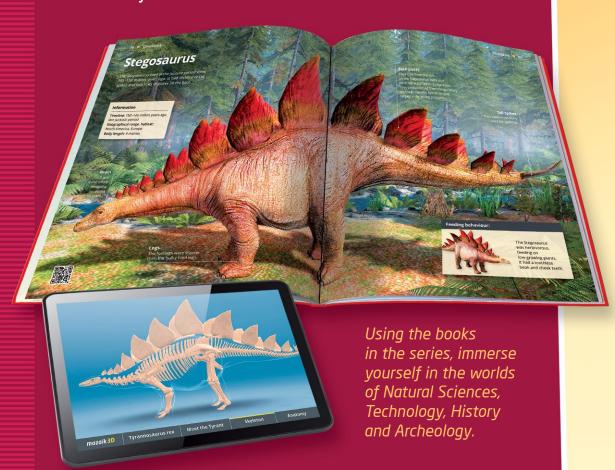
3D smartBooks

interactive 3D smartbooks



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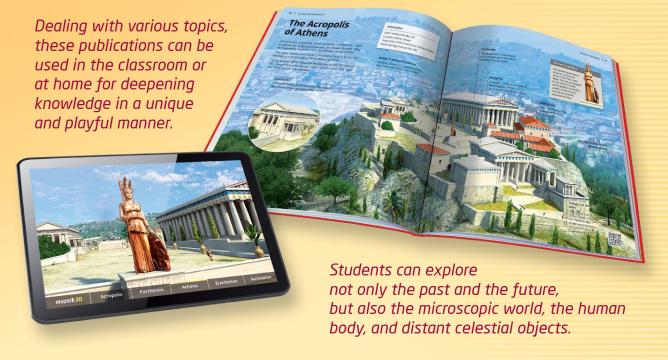
The series consists of 20 books
based on the 3D scenes available on mozaweb.
The publications combine the spectacular images from animations with well-formulated and easily understandable texts, are available in several languages, and cover various school subjects.



By **scanning the QR codes** found on the pages, students are **just a click away from accessing the 3D scenes**, which provide an interactive approach to exploring the topics. Students can even **walk around** in this virtual world using a VR headset and experience first-hand what they are reading about in the books.

The publications are unique as they combine the benefits of both printed books and of virtual reality so that readers may acquire state-of-the-art knowledge.





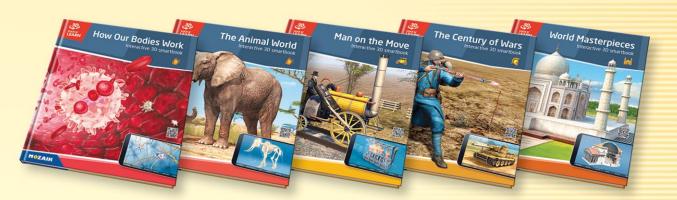
The series is recommended for:

- schools that want to add modern, high-quality books to their libraries or to offer them as gifts to students;
- teachers who want to motivate their pupils and need ideas regarding the use of digital tools in class;
- children who like to read and are also interested in digital animations;
- parents who not only want their children to spend their time usefully, but also to enjoy the spectacular resources and to learn while having fun.





The 3D scenes can be opened with the mozaBook application, which is available free of charge.



mozalog 💿

digital school register

The mozaLog digital school register, developed by our company, is an educational information system that enables school staff to use a single interface for both administrative and organizational tasks. By using mozaLog, the laborious and cumbersome management of traditional paper-based class registers becomes redundant. mozaLog also helps to considerably reduce teachers' daily administrative workload.



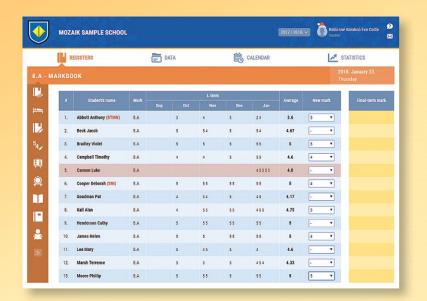








Broadband servers ensure the operation of the digital school register 24 hours a day, thus mozaLog can be used by many thousands of people at a time over the Internet.



Flexible and versatile

mozaLog has all the functions of traditional, paper-based school registers, e.g. it allows for entering marks, progress and absence data and managing student groups.

- Besides absences, late arrival, exemptions and lack of equipment can also be recorded, and lists of students missing tests can be obtained.
- Different types of marks with different weights (e.g. final marks) can be entered.



Simple administration

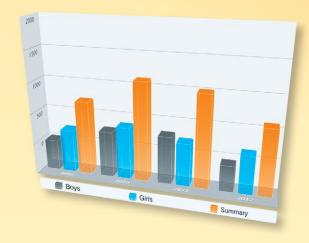
The program handles changes in the standard class time and the school year calendar and manages school events (ceremonies, school trips, form teacher classes).

Academic statistics

Progress books make it possible to follow the academic activities of teachers and classes, thus teachers become more motivated to fill in the progress book regularly.

MOZAIK SAMPLE SCHOOL										2016 / 2017. 🗸			Bozovich, Martin		
	REGISTERS	DATA	艶 CA	LENDAR		M	STATISTICS	3	Ē	INS	TITUTION	4	4	SETT	INGS
PROC	GRESS STATISTICS												2018 Thursd	January 2 ay	3.
	Teacher	Sep	Oct	Nov	Dec	Jan	1st term	Jan	Feb	Mar	Apr	May	Jun	2nd term	Together
	Ali Zein Khaddam	68/68	62/62	94/94	75/75	60/62	359/361								359/361
	Apple, Ingrid	41/41	42/42	44/44	36/36	28/36	191/199								191/199
	Bernath, Gregory	76/76	52/52	54/54	46/46	49/53	277/281								277/281
	Bernd, Zachary	70/70	57/57	74/74	64/64	53/60	318/325								318/325
ft9	Blond, Andrew	97/97	87/87	87/87	57/57	35/45	363/373								363/373
	Bok, Agnes	76/76	78/78	97/97	56/56	57/77	364/384								364/384
	Boznik, Kate	85/85	80/80	90/90	83/83	55/71	393/409								393/409
hm1	Bozovich, Martin	99/99	90/90	106/106	67/67	82/82	444/444								444/444
<u>ft2</u>	Charles, Andrew	26/26	84/84	74/74	59/59	48/53	291/296								291/296
	Chikory, Zach	91/91	93/93	68/68	79/79	68/80	399/411								399/411
	Farneath, Agatha	99/99	90/90	97/97	80/80	78/78	444/444								444/444
	Farrow, Igor	40/40	25/25	43/43	12/28	0/23	120/159								120/159
	Feky, Charles	1/5	6/8	8/8	2/4	2/6	19/31								19/31
	Fisherman, Karl	95/95	96/96	102/102	68/68	48/73	409/434								409/434
	Froam, Adele	32/32	27/27	32/32	21/24	20/23	132/138								132/138

- Student data does not have to be typed in individually, it can be imported from spreadsheets.
- With mozalog, school managers can create comprehensive analyses and illustrate these with diagrams.





Communication with Parents

Parents can follow their children's academic performance, absences from classes or the evaluation of their behaviour.

If they require, parents can receive e-mail updates regarding new entries related to their children.

Teachers can send reminders about approaching school events, trips or even exams, so that students and parents may be well informed.

Digital school register on your school's website

Our mozaPortal service is a website service with a functional website structure, especially designed and tested to suit the school environment. Its menu is freely variable and thus it can be customised to the school's individual needs.



• Our digital school register can be ordered together with the mozaPortal school website service.

• In this case mozaLog is incorporated into the school website and is accessible from the menu.

classroom management

mozaBook allows teachers to start a virtual classroom and invite students to join it. Students can connect to the classwork using their tablets. For this, the teacher's computer and the tablets must be connected to the same Wi-Fi network. It is not necessary to be connected to the Internet.



Teachers can also share pages of a textbook directly to students' devices. In addition, teachers can send assignments, worksheets, videos or images to students. Teachers can also keep track of worksheet completion and check students' results on their computer.

Teachers can always see who is connected and who isn't, as well as get screenshots any time, to make sure everyone is on track.

Personalised exercises, individual and group work and targeted use of IT devices.



















Teachers can ...

- send images and exercise books to students' devices
- set individual or group exercises
- organise and monitor the work of the groups
- keep track of worksheet completion
- see answers that have been sent and automatically checked
- view statistics on the results



Students complete the exercises they have received either individually or in groups and send the answers to the teacher.

The program automatically checks the answers and generates statistics on the results, so teachers can easily evaluate students' performance.

HomeWork 🙃 🚳

online assignments

Teachers can set the exercises created with the Test editor as homework.

With mozaBook, teachers can manage homework assignments set for classes, groups or individual students.



Teachers can manage groups on the mozaWeb platform and see all information on the homework assignments that have been set and completed. These functions are also directly available on the Homework panel in mozaBook.



Students will be notified of the homework assignment, the topic and the deadline by email. They can open the homework assignment and solve the exercises online.





Benefits:

MOZAIK

- Teachers can easily create exercises with the Test editor for which they can also use extra interactive content of the Media library.
- The system records homework assignments that have been set and submitted, so they can be easily evaluated and managed.
- The program automatically checks the answers and creates statistics on the results, making it easy to evaluate and compare students' performance.

The assignments can be completed online with any Internet browser.



Teachers can create dynamic presentations for any school subject on the interactive board and use amazing interactive tools, 3Ds, videos and other content. They can create exercises and assignments for students to complete in class or at home.



What do students need for their tablets?

Students need a **Mozaik STUDENT subscription** in order to be able to connect to the classwork started by their teacher and receive images, interactive apps, texts and worksheets and complete the assignments set to them.

If students have a Mozaik STUDENT subscription, they can also install the mozaBook Windows software to their computers, download the mozaBook Android, iOS app to their smartphones and tablets and they can use the mozaWeb educational portal. With their user account, they can access every Mozaik content on a suitable device.





Apps for Android and iOS are also available on the App Store and Google Play.

Mozaik TEACHER licence

User-based licence that allows **a teacher** to use both **mozaBook** and **mozaWeb on multiple devices**.

mozaBook CLASSROOM licence

Device-based licence that allows **multiple teachers** to use **mozaBook on the same device.**

Both licences grant teachers access to the entire media library, plus they can create interactive exercise books (presentations) or share teaching materials through the cloud with fellow teachers or their students.

If students use PCs or tablets in class, teachers can use the classroom management feature to send exercises, videos, images, or other learning materials to students' devices.



For more information, please visit www.mozaweb.com

At Home ®

With mozaBook, teachers can plan and create lessons comfortably from home. Students can use the mozaWeb platform for learning at home. They can complete their homework assignments or take the initiative to learn more by themselves **on any computer with** Internet access and a browser.

How can teachers use mozaBook at home?

Teachers can enrich their digital books with interactive content, create presentations, use the educational tools in mozaBook to simulate experiments and create custom tool states and lab settings that complement the lesson topic. The **Mozaik TEACHER licence** allows users to access every Mozaik content on any suitable device even outside the classroom.



For more information, please visit www.mozaweb.com



For teachers' convenience, all content created in mozaBook can be uploaded to the cloud, so that teachers can use any PC running mozaBook in order to access their content. There's no need to carry around the same laptop all day! The Mozaik TEACHER licence offers all the same features on a PC that are available on the interactive board in class.



How can students solve homework and learn independently at home?

With a Mozaik STUDENT licence students can log in to mozaweb.com from any desktop browser to access and work on homework assignments or view exercise books sent by teachers.

mozaik STUDENT licence

User-based licence that allows a student to use both mozaBook and mozaWeb on multiple devices.

Students can also use their free time to explore the media library to review the topics taught in class or learn more about their favorite topics.

Students can watch educational videos. practice using games, set up their own virtual labs or learn something new using Mozaik's 3D scenes.











If students use their tablet at home they can log in with the same mozaWeb account on Windows. iOS or Android tablets.

Any digital textbooks purchased can be accessed from all platforms.



mozaMap 😟

digital maps for interactive boards

The mozaMap software offers atlases to expand the range of tools available to geography and history teachers. The elements of the different maps are easy to change and tailor, making preparation for class simpler and faster.



By using the zoom tool and turning selected map elements on and off, unique map views can be created and saved.



Exercises

You can add industrial, mining, agricultural, and many other cartographic symbols from the integrated gallery to custom maps.

Map elements can be inserted manually, but the software is also capable of generating exercises and automatically checking students' solutions.

Custom maps and presentations

Custom maps based on the maps included in mozaMap are simple to create. Text, images, built-in pictograms and symbols can be added to maps. These new maps can be saved for later use.





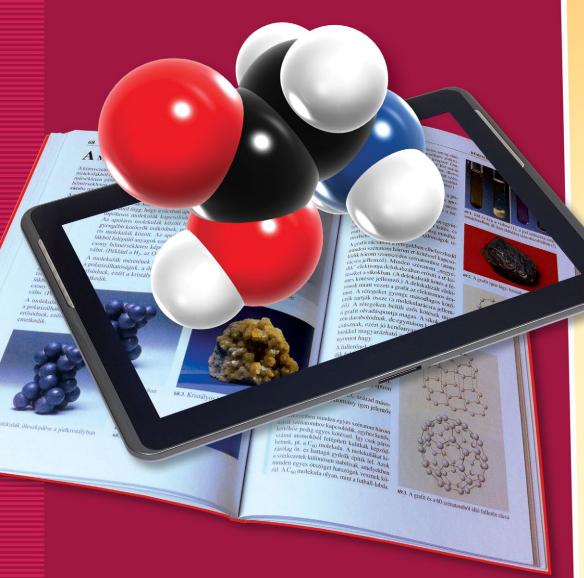
Preset and saved views

Preset views are helpful when presenting certain historical events. The views, which have been created based on the learning material, only show the characteristics of a given era or historical event.

mozAR (a) augmented reality

augmented reality in textbooks

The mozAR mobile application makes the images in printed books come alive, expanding reality with the help of a mobile device. The content on the pages in the books comes alive when scanning it with the device's camera.



3D scenes, animations, narrations, music or videos appear depending on the type of interactive content most suited to the given topic.

The pictures in our textbooks come alive

With 3D scenes, you can virtually explore historical buildings and learn about works of art in an unparalleled way. Take a glimpse into the structure of molecules, the secrets of the environment, or learn about how devices work and play preset videos accompanied by narrations related to the subject.



The models
can be rotated freely,
enlarged, viewed
from different angles
(sections for example).

The models are accompanied by explanatory labels, available in several languages.





Numerous animations include preset videos with narrations available in several languages.



- With the playful and spectacular solutions provided by the mozAR application, smartphones and tablets can prove very useful in teaching and learning.
- A Mozaik textbook, an Android or iOS mobile device with a camera, and the mozAR application is all that you need.

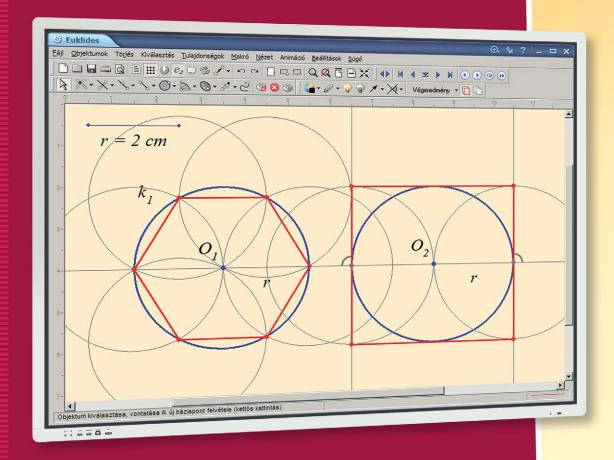


euklides 🙃

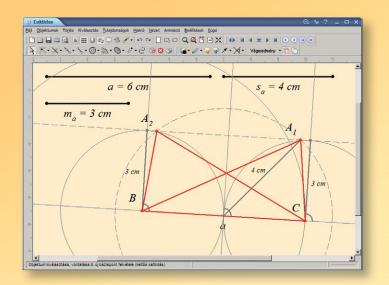
plane geometry construction software

A variety of geometry exercises can be solved easily, precisely and quickly with the help of the Euklides geometric construction software.

The software is designed to make it easy to keep track of construction steps and to observe the interdependence of objects and how they are built upon each other.



The elements of the figures are mobile, which allows for the analysis of geometric relations with different starting conditions.

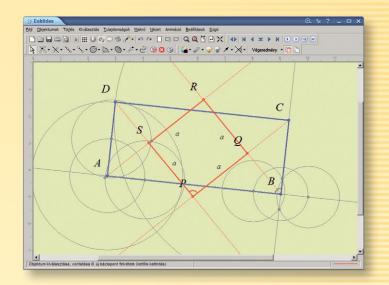


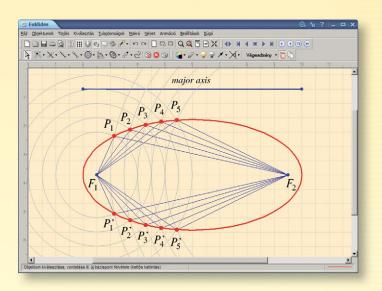
Clear construction

Any of the constructed objects can be turned on and off, or marked with different colours and line styles. Guidelines which are not important with regard to the solution can be hidden with a click.

Basic or complex

The program is based on the six basic Euclidian construction steps.
The exercises can be solved by a series of these actions. In addition to the basic steps, several commonly used complex actions are at hand (eg. perpendicular bisector, constructing tangents from the basic objects).





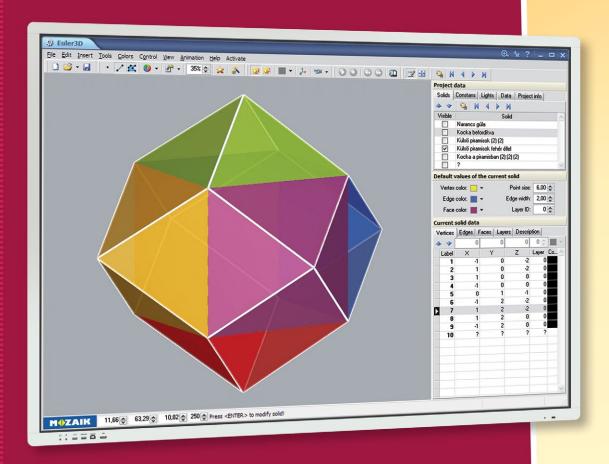
Animated traces

The software can illustrate how the constant change of a single parameter affects the result. For example, we can display the line of intersection of two circles while we constantly change the length of the circle's radius. The same happens when displaying the curve of an ellipse.

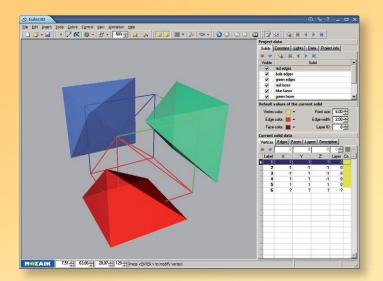
euler3D 😟

spatial geometry construction software

In addition to displaying spatial figures and surfaces, the euler3D spatial geometric construction software enables editing these objects with a high degree of mathematical control. (Filtering out self-intersection, inspection of planes, dissecting concave polygons into triangles.)



The software is compatible with other mathematical programs (Maple, Mathematica). The completed figures can be exported in several formats - a few file types even allow for the reading of data.

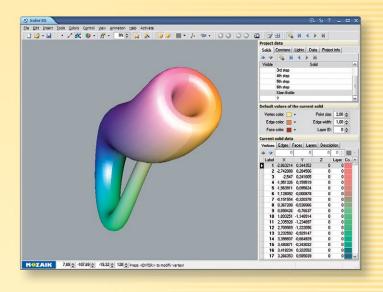


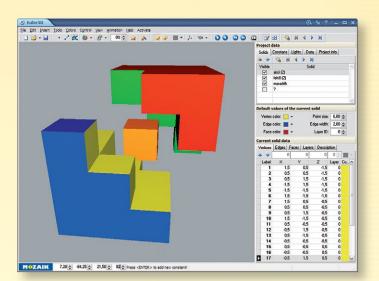
Spatial coordinate system

The figures are defined by their vertices, edges and sides. In addition to using the numeric coordinate values, the user can use constants, previously imported into the project.

Personalization

To help in the overview of an object, different transparent layers can be assigned to the vertices, edges and sides of the object. These layers can be turned on and off. The program uses perspective and axonometric projection to display the objects. Two light sources are available for a realistic appearance.





Applications

The program allows for the representation of solids of rotation, such as cones or spheres. The animations make it possible to demonstrate complex spatial connections clearly.

mozaland ®

online educational game

With the help of the mozaLand online educational game, the knowledge acquired in the fields of mathematics, languages and sciences can be improved as a citizen of a virtual knowledge-based world.



It builts on the elements of the most popular strategy games.



User friendly

All the functions can be accessed through a simple user interface or by navigating on a map. Our priority was to create a user friendly interface allowing children to start playing the game as soon as possible. Even lower grade students find the program easy to use.

Not just a competition

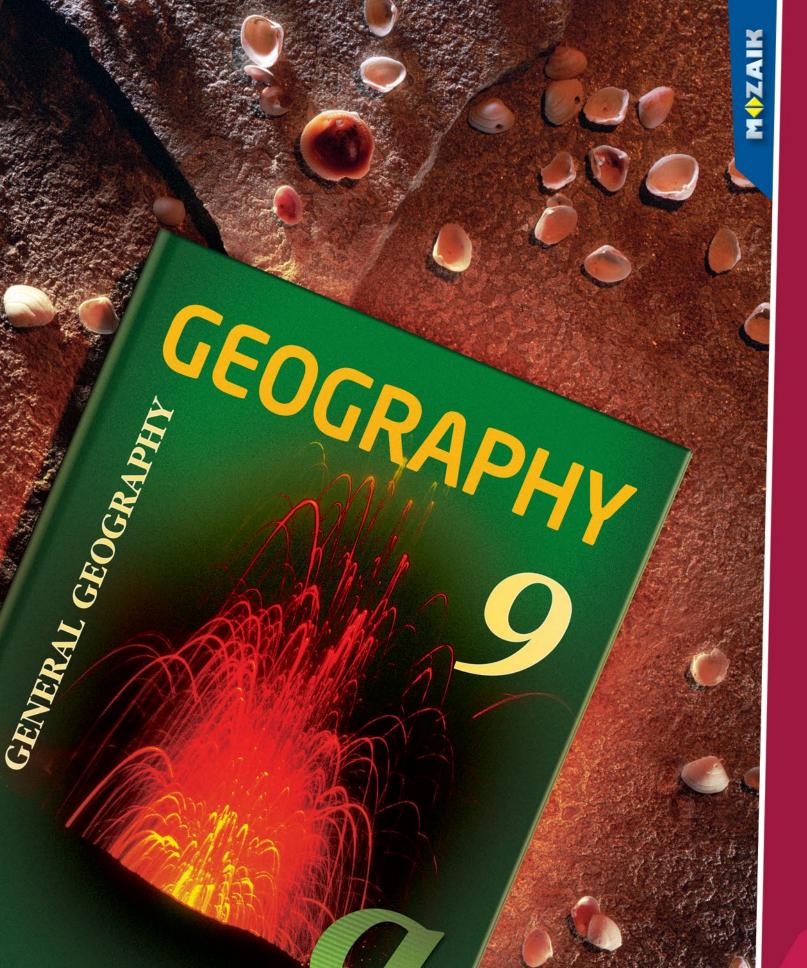
In additon to traditional educational competitions, here, competition amongst regions, schools and classes is also important. Students are not only responsible for themselves, but they are also fighting for a broader community. They can shape the future of this little knowledge-based community.





Motivation

Wouldn't it be great
if learning was a game?
To direct the energy released
during play towardsn learning!
The mozaLand online educational
game combines the joy
of playing with the fruitful effort
of learning, thus enticing players
to achieve more.

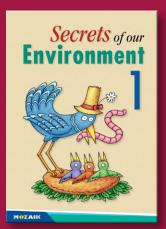




Printed solutions

- textbooks, workbooks
- geography and history atlases
- collection of exercises
- test booklets

The series 'Secrets of our Environment' is a precursor to the popular 'Science for Teenagers' series. It forms the bases of science education in upper grades. The foundation of scientific knowledge is built on reliable modern methods.



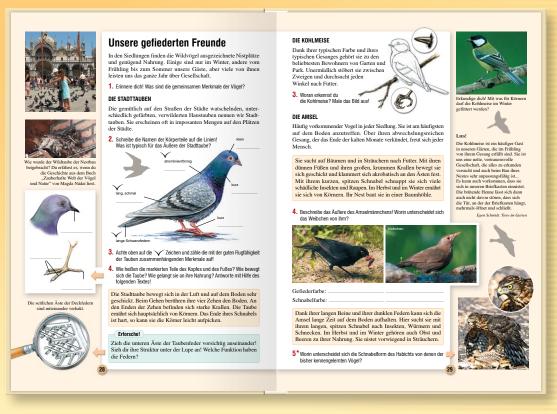


Best European Schoolbook Awards 2000



These books develop problem-solving skills. With the help of the exercises included in these books, students become environmentally aware and open to the world and their mates.





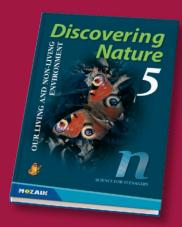
One of the main aims of the books is to help students develop good study habits. To achieve this goal, age-appropriate colours, highlights and icons are consistently used in the books.





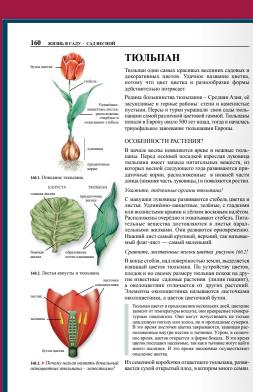
Discovering Nature

The clear and logical structure of the learning material makes teaching natural science simple. The learning process is based on observation and experience. The books first introduce simple concepts, then more complex ones, broadening students' knowledge at the right pace to maintain their interest.



- The books arouse students' natural curiosity and satisfy their thirst for knowledge.
- They help students form habits leading to the protection of their health and the environment.
- They inspire students to learn and use different methods for acquiring information.

The drawings, text, charts, diagrams and images, as well as the interesting facts included in the books help students to acquire knowledge effectively and easily.



КАК ДОЛГО ЖИВЕТ И КАК РАЗВИВАЕТСЯ

TOOLISIAN

Тоольшая живет несколько лет. В луковице хранятся
запасы питагельных веществ, которые из тода в год
дает ростки, распечате и приносит пледу Многолетнее растение.

Запомниты

Тольшая луковично-декоративное растение.
Особенности:

- придаточные корин главного кория;

- ультаёшиеллинестные листыя

- ультаёшиеллинестные листыя

- ультайшиеллинестные листыя

- ультаёшиеллинестные колопистника -

- предаточные бутоп;

- коробочка листые на колопалодиние;

- много семян.

Ден отличаются листыя польпана от листые

- ультейшиеллинестный околопалодиние;

- много семян.

Ден отличаются листыя польпана от листые

- ультаёшиеллинестные паражения "многолетнее растение"

3. значение выражения "многолетнее растение"

4. Что хараксерно для бутопа цветка?

5. значение выражения "многолетнее растение"

4. Что зараксерно для бутопа цветка?

5. значение выражения дмноголетнее растение"

5. значение выражения дмноголетнее растение"

16.1.2. - Луковир ростава являвавая польшаем в ценеточный осидены и польвана польшение паражения выражения выражения дмноголетнее растение"

4. Что хараксерно для бутопа цветка?

5. значение выражения дмноголетнее растение"

16.1.2. - Луковир ростава являвавая польшения и польвана польшения и польвана системы

- польшения выражения дмноголетнее растение"

2. Чем отличаются листыя тольпана от листые

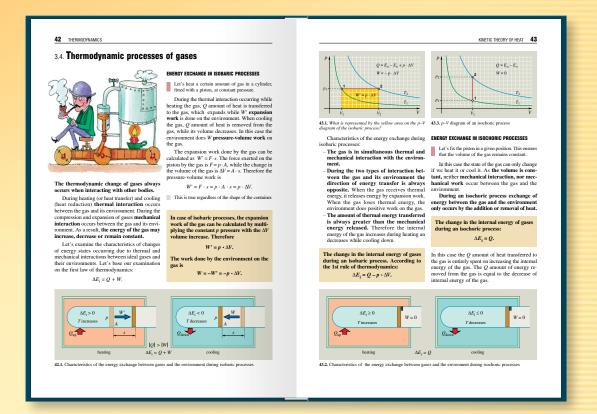
- ультаётнее паражения польшаем польша



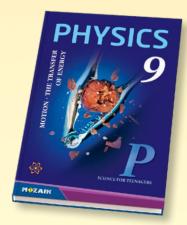
Physics

The textbooks contain a broad range of word problems, illustrations and activities.

The learning material is organised in a clear thematic structure with built-in progression.



The processing of the subject material always starts out from the specific practical everyday knowledge of students, this down-to-earth approach is more appealing to the students as concepts become easier to understand.

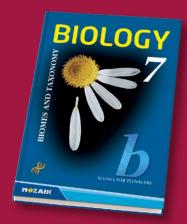


- The main goal of these books is to organise students' scientific knowledge and establish essential physical concepts.
- Test booklets help assess students' knowledge of the material, while the "Am I prepared?" workbook series offers extra help for practice at home.
- The textbooks support the development of a variety of skills by introducing and helping students practise the cognitive methods used in natural science.



Biology

These textbooks introduce students to the basics of the rapidly developing science of biology. These books, which are one of the most beautiful series of the Science for Teenagers books, shed light on the ecological problems in our environment, helping students develop a commitment for the protection of Nature.



- Coloured outstanding illustations and images show the structure and functioning of cells, tissues and organs, as well as biological processes.
- Students learn about the structure of the human body and the daily personal hygiene.

The workbooks and test booklets form an integral part of the learning package. The exercises in the workbook and test booklets are built on the textbook, helping students with the subject material and teachers with student assessment.

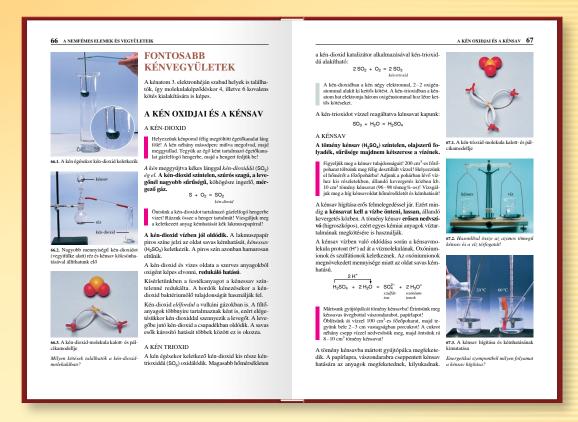




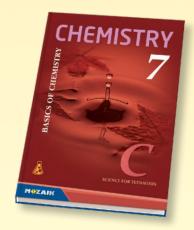


Chemistry

Could chemistry become one of students' favorite subjects? We think so. What we need is a clear and well-structured comprehensible curriculum and interesting examples that can make pupils see that chemistry is a very real part of everyday life, enabling them to discover and understand the exciting world that surrounds them.



The main purpose of the textbooks is to familiarise students with the chemical properties and effects of the commonly occurring substances, to give them a better understanding of chemical phenomena and thereby enable them to handle substances consciously.

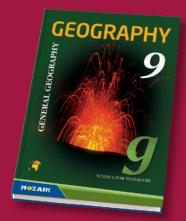


- The modern approach to processing the material makes it possible for students to develop their critical thinking, communication and dexterity.
- All the experiments are illustrated with colour photographs, making these books especially valuable.



Geography

Geography textbooks are centered around the system of interactions between landscapes, Nature and people. Social geography textbooks help understand the typical processes and factors influencing world-economy. Innovative activities offer students opportunities to investigate, build skills, improve their geographic knowledge and conceptual understanding.



 The textbooks broaden students' geographical thinking and teach students to protect the environment and world's cultural heritage.

 Instead of simply providing details of topics, the material is arranged around real-life issues.

Different levels of individual learning are accounted for in the textbooks through a variety of graphs, thematic maps, statistical analyses, and additional reading. Enabling interested students to immerse themselves in the material.

A HIDEG ÖVEZET

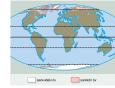
FOGALOMTÁR

A Föld leghidegebb, sarkkörökön túli területei gész évben az anticiklonokat szállító zord kele-

1 napról 6 hónapra nő a nappalok, illetve éiszakák jégpáncél állia útjukat i naproto tionapra no a nappatok, nievce ejszakak hossza. Az állandó nappal idején i s csak gyenge a felmelegedés, mivel a napsugarak kis hajlásszögben érik a felszínt. Télen a Nap a látóhatár alatt tartózkodik. Ilyenkor a felszín tartós kisugárzása miatt erő a felszín tartós kisugárzása miatt erő a lehlülés. Az évi közepíbnűréseklet 0°C alati.
A kervés csandál felhossználá fe

el az övezetben: a sarkkörit* és a sarkvidékit*.

A sarkköri tájakon a **tundra éghajlat*** uralkodik. Itt két évszakot különböztetünk meg: a 8-10 hónapig tartó hosszú, kemény, száraz telet a sarki éjszaká-



300 mm, aminek 80%-a hó formájában hull. Az alacsony hőmérséklet miatt a párolgás is csekély, ezért a kevés csanadék ellenére az öv vízházta

A tundra folvói csak a rövid nyári időszakba jégmentesek. Többségük észak felé folyik. Ez olvadáskor komoly árvízveszélyt jelent: a délen ies **sarki szelek** hatása alatt állnak.

A sarkköröktől a sarkpontok felé távolodva tudják észak felé levezetni, hiszen ott még vasta korábban kezdődő olvadás vizét ugyanis nem





A felszín formálásában a fagy okozta **sprázá-**dás a legjelentősebb, amelynek eredményekárt a hegyvegke láthali köregerek halmozáltak be a betsegégéket. A kutatók úgy vélik, a hegyvegék bálnál köregerek halmozáltak fel.
Gyakori jelenség a talajfolyás**. A nagyobb melységékben a víz fagyott állapotban van. A nyári felmelegedés hatására a felső réregek felovadnak, maja lejős terülekene a fagyott allalajion megestésznak, "Jefolynak". A sarkköri övsszetítgegő sávot alkot az északi félgömbön a Jeges-tenger partvidékein és szigetin. A del félgömbön csak nehány szigeten i ordul elő tundra éghajlat.

JÉGSIVATAG EGYETLEN ÉVSZAKKAL

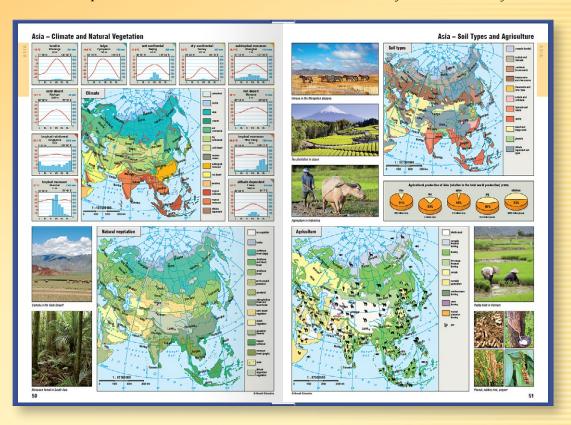
A sarkvidéki övben az **állandóan fagyos éghaj-**laton* egyetlen évszak alakult ki, a zord, kemény hőmérséklet még a legmelegebb hónapban sem nelkedik 0 °C fölé. Az öv Földünk legszelesebb

területe.
A csapadék évi mennyisége 200 mm-nél is
kevesebb, s finom hőkrisályok formájában hull.
A felszínt vastag **jégtakarő** feki, mert a lehullott
hó csak részben olvad el, s felhalmozódva jéggé selődik össze. Ilven körnvezetben növénvalajtakaró nem alakulhat ki, bár egyes algafajok

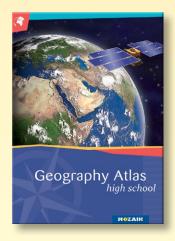


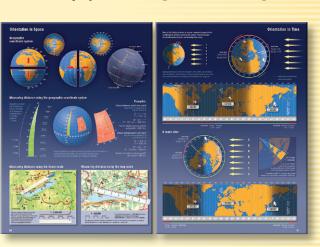
Geography Atlases

Our atlases from elementary to high school account for age-related learning peculiarities, the information is in tune with todays social and economic changes as well as the approach of all of our geography books. In addition to the usual topics several problem oriented thematic maps are included as well. These enable the atlas to function as a useful tool.



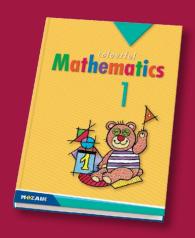
- Drawings, aesthetic diagrams and photographs help the formation of true-to-life concepts and the development of further levels of knowledge.
- The images promote independent learning, while the diagrams help with the discovery of more complex relationships.



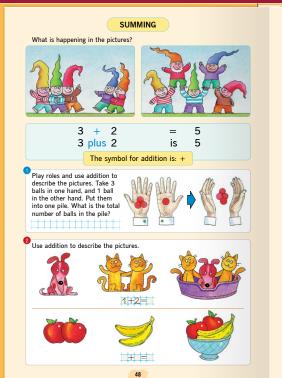


Mathematics elementary school

The material in the books is arranged in a clear and aesthetic manner. "Self explanatory" excercises are abundant throughout the textbook. The authors used the small steps principle when writing the books, so that the joy of independent work is not interrupted by constant preparation and explanation by the teacher.



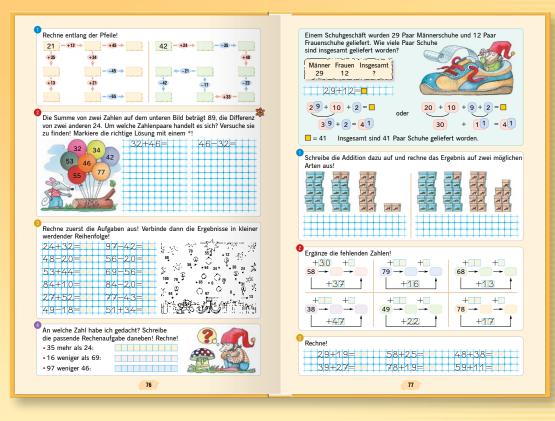
- These books establish the foundations of mathematics in a playful and colourful way, allowing students to develop their individual creative thinking.
- This series covers the core requirements of most curriculums, but it can also be used to develop gifted students with clearly marked exercises.



Write down the additions based on the illustrations.
write down the additions based on the illustrations. 2+1=3 1+2=3
+ * **
How many pearls are there in one row? Use addition to describe the pictures.
Complete the addition. Colour the number of pearls resulting from the addition.
Take a close look at what the machine does.
Fill in the chart according to the rule.
1 1 2 3 2 1 3 1 0
2 1 0 2 3 4 0 3 4
•
49

MAZAIK

The Counting workbook can be used with any Maths textbook, or even on its own to practice new skills and deepen the learnt material.



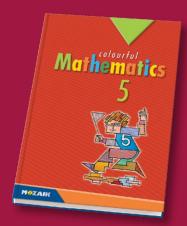
- Students discover the basics of mathematical principles while solving simple problems taken from everyday life experiences.
- This series adheres to the principle of gradualism in education.
- Mathematical calculations are taught in small steps.
- The pages are arranged so that pupils can easily navigate between exercises, while cheerful illustrations give the books a friendly tone.





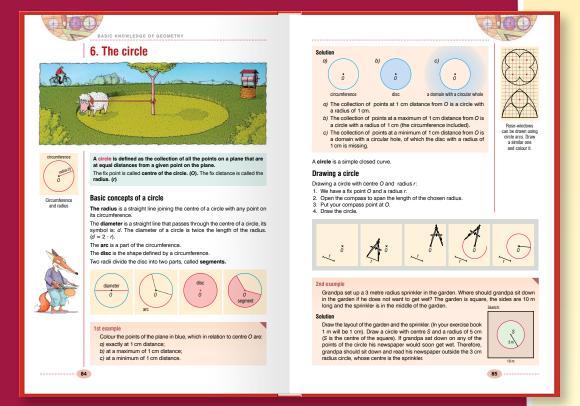
Mathematics grades 5-12

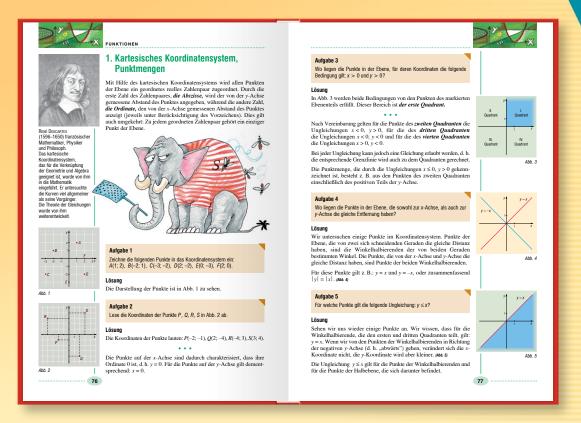
The 'Colourful Mathematics' series takes students from grades 1 to 12 on an enjoyable journey through the world of Mathematics. The textbooks help students understand the learning material step by step through illustrative examples.



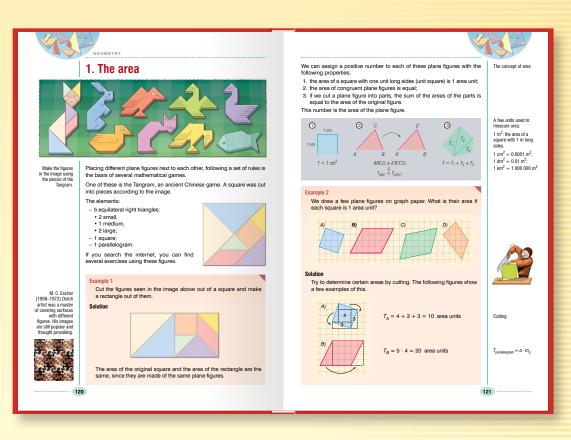
The main goal of these textbooks is to develeop students' counting, problem solving and combinatory skills as well as their spatial perception. The textbooks contain an abundance of exercises, sufficient for in-class practice and homework.



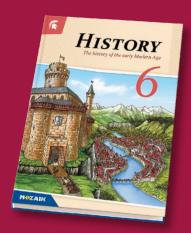




The books, workbooks and collection of mathematical exercises are excellent for developing mathematical capabilities, e.g. combinatorial thinking.

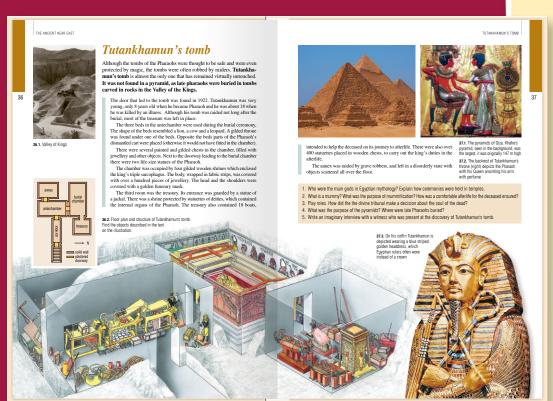


The images make the past come alive. A detailed, realistic illustration of daily life, or a reconstruction drawing often mean more to 10–14 year olds than a pageful of text.



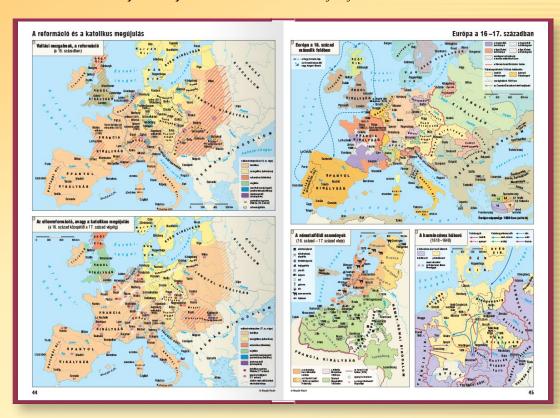
Moral values, honesty, the role of the family, the respect for other nations and ethnic groups are heavily emphasised in each of our textbooks. Our textbooks, conveying modern knowledge of the past, try to bring students closer to history, by placing emphasis on daily life and lifestyles of the past.

Historical texts, structural diagrams and complementary material allow for differentiated education. The workbooks closely associated with the textbooks and atlases allow students to practice and deepen their knowledge.

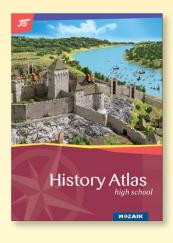


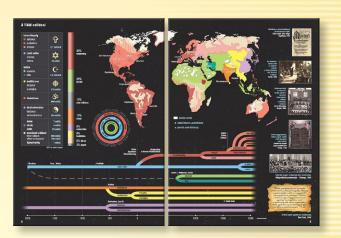
History Atlases

Our atlases designed for primary and secondary school students present topics from the formation of the Earth to the present day, with maps covering the entire course material. We were led by three aspects when designing the atlases: historical accuracy, clarity and communication of information.



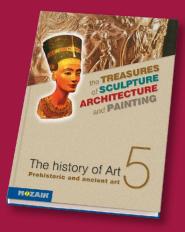
- The atlases are full of images, thus students can learn about historical events and art history at the same time.
- Students can learn visual processing skills and acquire lasting knowledge visually.
- The table of contents and index of names enable users to quickly navigate in the atlases.



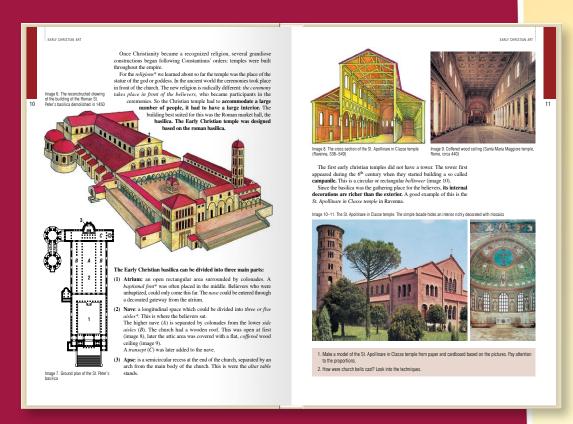


Art History

Our series introduces students to the great works of art of the past 3000 years, and teaches them to understand and make others understand.



By describing and analysing works of arts, the textbooks introduce students to the styles and movements in the history of art. In doing so, the books not only build and affirm students in their knowledge of history but also make the subject come alive with humorous pictures. The learning process is accompanied by comparative analyses, exercises, questions, revisions, colour reproductions, sculptures and drawings.

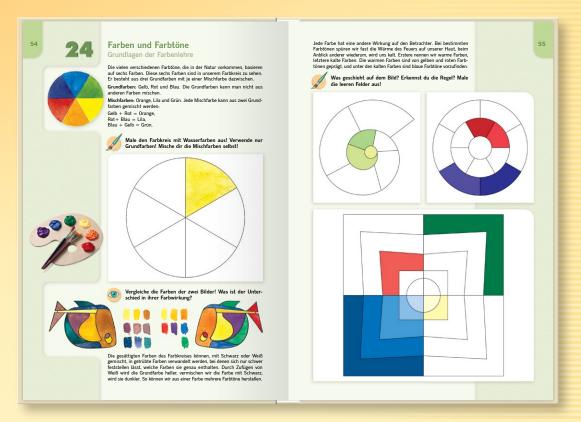


The informal tone, the playful exercises, the rich and impressive pictures allow teachers to introduce the great periods of art without the need for any supplementary material.

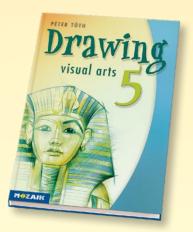


Drawing

In addition to art, creative work and the basics of art history, our workbooks place great emphasis on visual communication. They contain a variety of exercises from simple life studies to abstract visual thinking projects.



Students are introduced to various drawing techniques, ranging from clay modelling to mixed media. By solving the exercises students can complete an exciting journey from traditional drawing techniques to the wonders of the man-made environment.





Best European Schoolbook Awards

Our 5th grade textbook received the Bronze Medal in the Best European Textbook competition at the Frankfurt International Book Fair.