

15. međunarodni kongres Hrvatske udruga medicinskih sestara “Sestrinstvo bez granica”

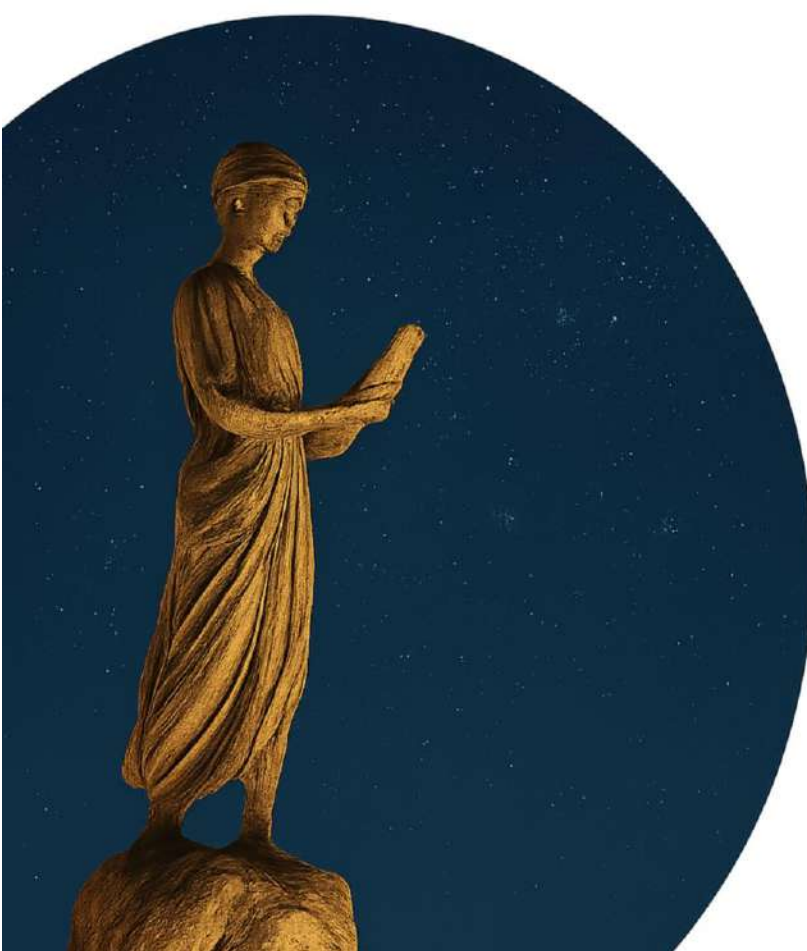
Opatija 11. - 14. lipnja 2026.

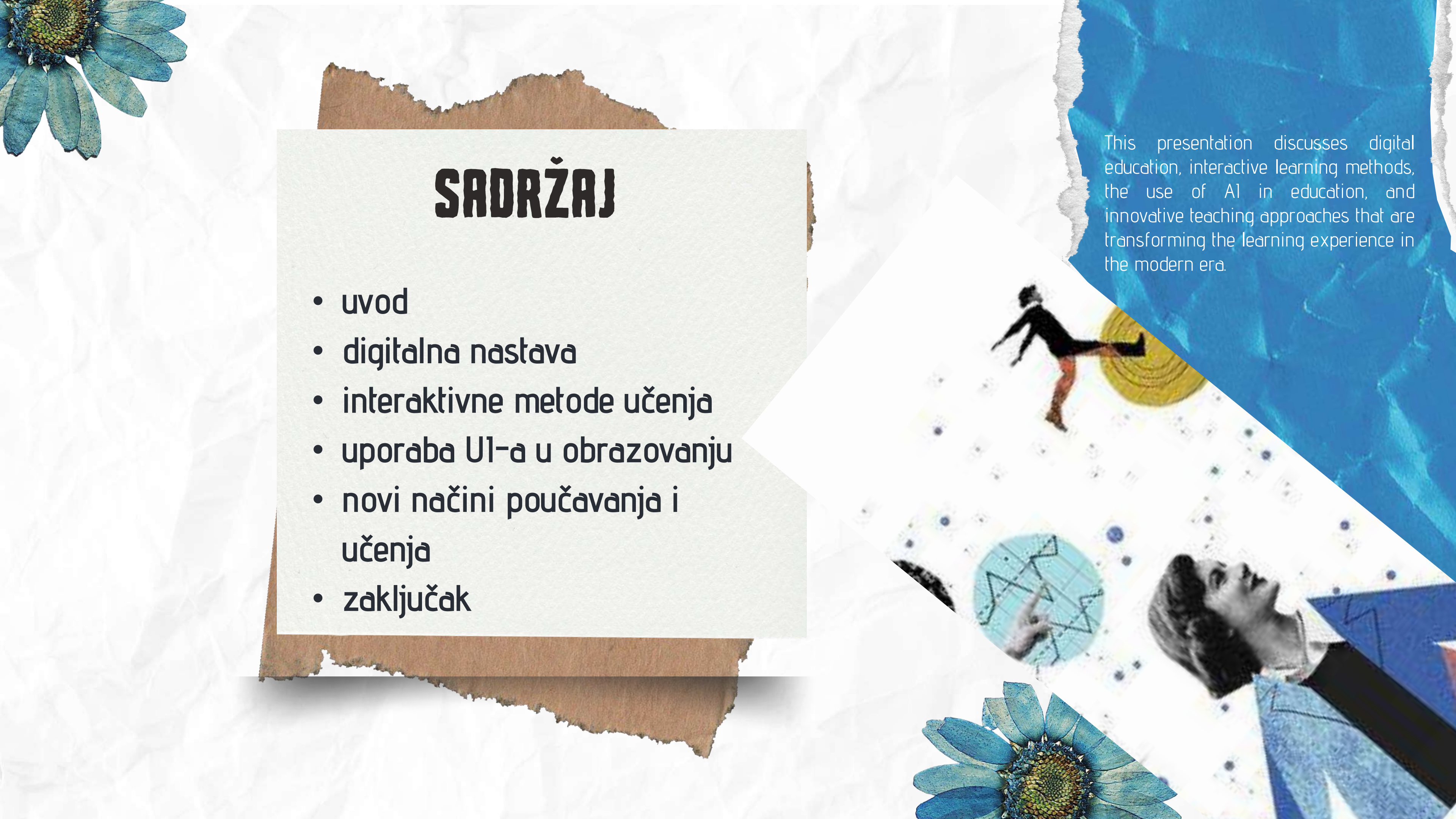
OBRAZOVANJE U DIGITALNOM DOBU – NOVA PRAVILA

Education in the digital age - new rules

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SADRŽAJ

- uvod
- digitalna nastava
- interaktivne metode učenja
- uporaba UI-a u obrazovanju
- novi načini poučavanja i učenja
- zaključak

This presentation discusses digital education, interactive learning methods, the use of AI in education, and innovative teaching approaches that are transforming the learning experience in the modern era.

UVOD

digitalno doba : značajna promjena načina
poučavanja i učenja

nastavnik je samo jedan od prenositelja znanja

pristup velikoj količini informacija putem
digitalnih tehnologija i umjetne inteligencije

promjena pravila obrazovnog procesa

In the digital age, access to vast amounts of information through digital technologies and artificial intelligence has transformed traditional teaching and learning, changing the role of teachers and reshaping the educational process.





DIGITALNA NASTAVA

- digitalni nastavni sadržaji
- digitalni alati (platforme za učenje)
- *online* komunikacija
- digitalno vrednovanje
- primjena suvremenih tehnologija za razvoj stručnih kompetencija učenika zdravstvenih škola

Digital teaching includes digital learning materials, learning platforms, online communication, digital assessment methods, and the use of modern technologies to develop the professional competencies of students in healthcare schools.

INTERAKTIVNE METODE UČENJA

- rasprava
- debata
- projektna i problemska nastava
- kvizovi i edukativne igre
- vršnjačko poučavanje
- *brainstorming* (oluja ideja)
- problemska nastava
- studija slučaja
- simulacije

Interactive learning methods commonly include discussions, debates, project-based learning, quizzes and educational games, peer teaching, brainstorming, problem-based learning, case studies, and simulations, all of which encourage active student participation and critical thinking.



UPORABA UMJETNE INTELIGENCIJE U OBRAZOVANJU

UI ZA UČENJE

- personalizirane lekcije i zadaci
- inteligentni tutori i chatbotovi
- prilagođavanje sadržaja razini znanja učenika
- pomoć pri istraživanju, pisanju i rješavanju problema

UI ZA UPOUČAVNJE

- izrada nastavnih materijala
- priprema kvizova, testova i radnih listova
- predlaganje nastavnih aktivnosti
- analiza napretka učenika i davanje povratnih informacija

UI ZA ADMINISTRACIJU

- automatizirano ocjenjivanje određenih vrsta zadataka
- vođenje evidencija i analiza podataka
- izrada rasporeda i planiranje nastave
- podrška školskom upravljanju i donošenju odluka

Artificial intelligence is used in education to provide students with personalized lessons, intelligent tutors and chatbots, adaptive learning content, and support in research, writing, and problem-solving; for teachers it helps create teaching materials, quizzes, tests, and activities, analyze student progress and give feedback, while in administration it enables automated grading, record-keeping, scheduling, and improved decision-making in school management.

NOVI NAČINI POUČAVANJA I UČENJA

- 1 od prijenosa znanja prema aktivnom učenju
- 2 od jednog izvora informacija prema višestrukim digitalnim izvorima
- 3 od standardiziranog prema personaliziranom učenju
- 4 od pasivnog slušanja prema interaktivnom sudjelovanju

New ways of teaching and learning involve shifting from knowledge transmission to active learning, from a single source of information to multiple digital sources, from standardized to personalized learning, and from passive listening to interactive participation.





TEHNOLOŠKI NAPREDAN SVIJET

5 ————— 6 ————— 7 ————— 8

od usvajanja
činjenica prema
razvoju
kompetencija i
interdisciplinarne
suradnje

od povremenog
vrednovanja
prema
kontinuiranom
praćenju napretka

od učenja samo
u učionici
prema učenju
bilo kada i bilo
gdje

od korištenja
tehnologije kao
dodatka nastavi
prema tehnologiji
kao sastavnom
dijelu nastave

New approaches to teaching and learning involve shifting from acquiring facts to developing competencies and interdisciplinary collaboration, from occasional assessment to continuous monitoring of progress, from learning only in the classroom to learning anytime and anywhere, and from using technology as an addition to teaching to making it an integral part of the learning process.



Key competencies for the “new era” include digital and information literacy, critical thinking and problem-solving, communication and collaboration skills, independence and responsibility for learning, creativity and innovation, digital ethics and professional behaviour, as well as healthcare-specific competencies such as understanding digital health systems, working with electronic medical records, using digital tools in patient care, and developing empathy and communication with patients through technology.

KOMPETENCIJE UČENIKA ZA “NOVO DOBA”

- digitalna i informacijska pismenost
- kritičko mišljenje i rješavanje problema
- komunikacijske i suradničke vještine
- samostalnost i odgovornost za učenje
- kreativnost i inovativnost
- digitalna etika i profesionalno ponašanje
- kompetencije specifične za zdravstvena zanimanja

osnovno razumijevanje digitalnih zdravstvenih sustava
rad s elektroničkom medicinskom dokumentacijom
primjena digitalnih alata u skrbi za pacijente
razvoj empatije i komunikacije s pacijentima uz tehnologiju

ZAKLJUČAK

ŠTO DONOSE PROMJENE U OBRAZOVANJU?

01

veća aktivnost učenika i
primjenljivost stečenog znanja

02

razvoj digitalnih i stručnih kompetencija

03

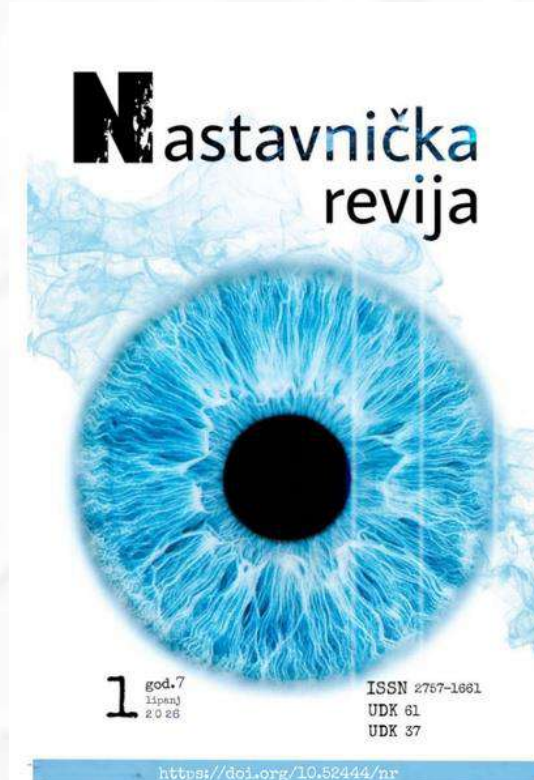
odgovorna uporaba tehnologije koja
učenike priprema za izazove
suvremenog zdravstvenog okruženja



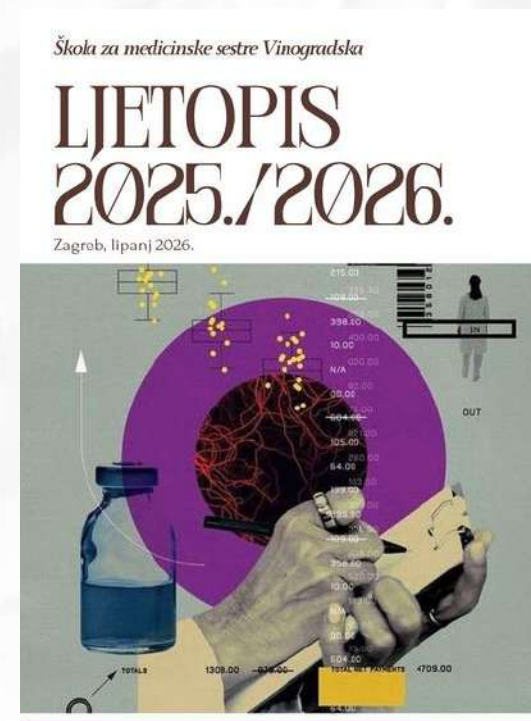
Technological advancements in education lead to greater student engagement and practical application of knowledge, the development of digital and professional competencies, and the responsible use of technology that prepares students for the challenges of modern healthcare environments.



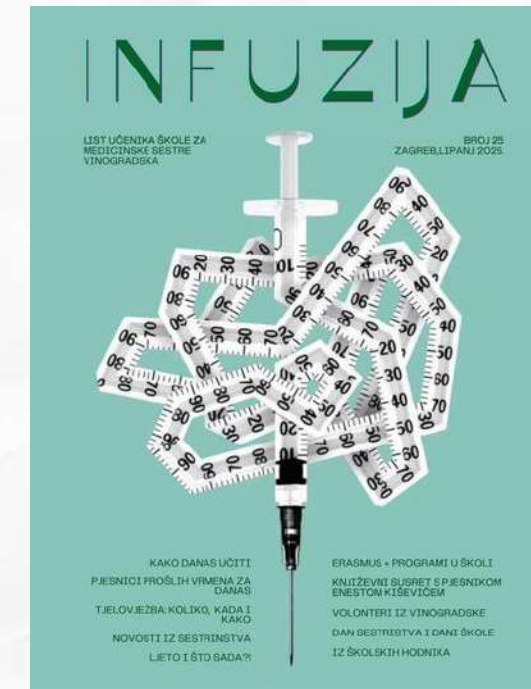
ŠKOLSKE PUBLIKACIJE



Nastavnička revija 7 (2026) 1



Ljetopis Škole 2025./2026.



Infuzija 25. Časopis učenika Škole

School publications are fully digital and aim to use interactive teaching methods while incorporating modern technological tools and possibilities to improve learning and student engagement: *Nastavnička revija*, *Ljetopis Škole*, *Infuzija*.

HVALA!

www.skolamedvinogradska.hr

