School library in the service of ecology and sustainability

Snježana Kovačević, school librarian from Primary school Zlatar Bistrica Let's Go Green!2023: The Second NSK International Green Libraries Conference 10th November 2023, Zagreb



STLATAR BISTREP

School library- introduction





School library- activities and projects

- Many projects and activities in various topics to promote the reading and literacy
- Extracurricular activities- Project group- a group of pupils to work with and mentor them
- Cross-curricular cooperation with different subjects to develop pupils' lifelong skills, media skills, digital skills, information skills (Croatian language and literature, Geography, Art, class subjects, ICT...)
- Projects that promote sustainability, healthy lifestyle, outdoor learning, using different sources to learn...
- Eco spelling book- Ekoslovarica









International activities in the school library

- International eco school- eco projects
- eTwinning school- eTwinning projects, online activities, eSafety, digital tools
- Erasmus+ projects (Learning Outside-Vivid Exploration; School Permacultural Garden, Responsible Digital Natives)
- Cooperation with other schools and school libraries, institutions
- Visiting many libraries through Erasmus+ program









Green activities in the school library- why and how

- School library as a source of knowledge and information
- The school librarian designed activities for the students
- Various approach: potentially gifted pupils, a group of pupils within extracurricular activities, within the 4th grade as a part of library education and encouraging reading
- Use of different sources of knowledge and information from the school library fund: books, magazines, encyclopedias, online resources
- Different reading techniques to improve their skills on creative, relaxing and fun way



Art work of 2nd grade students on the occasion of Earth Day under the mentorship of their teacher

Green activities in the school library- topics

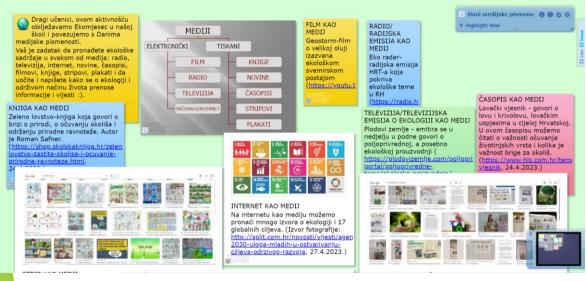
- Month of ecology in March 2022 to celebrate Planet Earth Day and School Day
- Activities connected to ecology and sustainability
- School library took part actively by organizing green activities in the in working with pupils:
- 1.Ecology in media (Days of media literacy)- information literacy workshop in the Project group
- 2.Eco-cooperation with a partner school in the creative recovery of plastic bottles (Upcycling)-exhibition, game show, workshop
- 3.Multimedia presentation on recycling- a video made by potentially gifted pupils
- 4. Ecology and technology workshop in the 4th grade



I I	and the second s	manufactory and a second secon	and the state of t		an and a second s	Contraction of the second seco	C
ikologija u medijima	Dan planeta Zemlje u četvrtim razredima	stablo, ne budi panj!" Bistrica i OŠ Konjščina:	kreativna oporaba plastične	Igrokaz s lutkama od plastičnih boca o recikiranju- Projektna skupina skupina	Svjetski dan voda u 3.a razredu	8.b razred: Dan voda	
mail.com	Sory, we could not get a preview for this attactioners.	Sony, we could not get a preview for the attachment.		express adobe.com Igrinaz	express adobe con	Storry, we assume that get a preview for the attactment.	Sorry, we could not get a preview for this attachment. Na satu informatike uz nastavnu
um medjaka permetako 2023. Jčenici Projektne skupine udjelovali su u školskoj knjižnici u adionici "Generacija Z za očuvanje Ismeta Z" te su povezali ekologiju i	U tjednu iza proljetnih praznika učenici četvrtih razreda vrijeme su posvetili obilježavanju Dana planeta Zemije. Na satu informatike	Naša škola priključila se i ovogodišnjoj kampanji sadnje stabala koju je na razini Republike Hrvatske pokrenula udruga za	Sorry, we could not get a preview for the attactment. Učenici OŠ Zlatar Bistrica i OŠ Konjščina u suradničkim	Igrokaz je nastao kao rezultat suradnje OS Zlatar Bistrica i OS Konjiščina.	Recibinal Učenice Leda Fulir iz 7.a razreda 1 Mia Kovačević iz 8.b razreda snimile su video o recikliranju	U korelaciji nastavnih predmeta Informatike, Hrvatskog jezika te Prirode i društva, učenici 3.a razreda obiježili su Svjetski dan	⁴ jednicu život i rad u virtualnom svijetu učenici su istraživali podatke o vodi, krisčki ih procjenjivali i izradili plakate.
nenije 2. te su povezan ekologiju i nedije i ujedno obilježili Dane nedijske pismenosti. Cilj radionice ikološkim temama piše u različitim	su sve svoje misli i crteže objedinili u digitalnu knjigu posvećenu našem planetu. Kliknite <u>OVDJE</u> i pogledajte knjigu!	zaštitu prirode i okoliša "Zasadi stablo, ne budi panji". Svjesni potrobe za djelovanjem u utrci s klimatskim promjenama, inicijatori kamoarie oslgurali su i dostavili	aktivnostima na platformi eTwinning uče o važnosti kreativne oporabe (Upcycling) u svakodnevnom životu, Tako su udenici 4. razreda iz OS Koniščina	2. razred	prema predlošku pjesme "Reciklaža" autorice Natale Križanić. Koristile su njezine stihove kako bi nas sve podsjetile na važnost recikliranja, ukrasile ih	voda. Naučil su puno podataka o vodi na našem planetu, o važnosti voda za sva živa bica, o nazličitim načinima onečiščenja voda, ali i o tome zešto je važno štedileti vodu	Vrtlari
rstama medīja.	Predavanje o temi Korisni ^I kukci	fixoli 2 sadnice stabala koje su učenice 4. razreda polaznice izvernastavne aktivnosti Radoznalci u petak 31. ožujka	ucenici 4, razreda iz OS konjsona pod mentorstvom učiteljica Maje Durdinovski i Blaženke Kocman bili krestivni i Izradili uporabne i ukrasne predmete od starih	Terry, we could not get a previous for	fotografijama i snimile zvuk.	te kako oni sami mogu pridonijeti štednji i čuvanju voda. Svoja zmanja učenci su pokazali izradom PowerPoint prezentacije, a svaki	
Prebrojavanje kockavice Fritillaria meleagris L.)	\sim	2023. g. posadile u školskom vrtu uz vodstvo učiteljice Sanje Martinjak i stručne suradnice pedagoginje. Školski vrt je bogatiji	plastičnih boca: narukvice, posudice za cvijeće, letjelice, vjetnenjače, životinje, vaze, razne likove i slično. Ti će predmeti	This attuchment. Učenici 2.razreda su uz Svjetski dan vode 22.3.2023. pogledali video.	Find	učenik napravljenu prezentaciju je predstavio u razredu. Njihove uratke možete pogledati u zajedničkom videu na sledećoj	Sarry, we could not get a preview for the attactment. Dolaskom ljepšeg vremena, učeni članovi izvannastavne aktivnosti
	Sorry, we could not get a proview for this attactioners	za sadnice ginka i evodije, a lokacija sadnje označena je u sklopu kampanje na karti "Crogis".	poslužiti učervicima OŠ Zlatar Bistrica za osmišljavanje digitalne priče koju će izraditi pod vodstvom	https://youtu.be/XhLJc5iQIsc, koji su napravili prošle školske godine kako bi se prisjetili važnosti očuvanja vode te na satu Likovne	e e	poveznici <u>Dan voda 3.a</u> -	Vrtlari, krenuli su s vrtlarskim aktivnostima. 22.3.2023. svoj nastavni sat proveli su u školskom vrtu čisteći gredice. Posijali su
orry, we could not get a preview for his attactment. Jõenici 6.b razreda OŠ Ziatar	Stručne suradnice Javne ustanove Zagorje zeleno Krapinsko-zagorske Zupanije Petra Bralić i Mia Leljak održale su predavanje o temi	** * **	stručne suradnice knjižničarke Snježane Kovačević i učiteljice Informatike Draženke Kuzman, a bit će izloženi i na izložbi u povodu	kulture slikali planet Zemlju i živa bića kojima je neophodna voda.			rajčicu i kupus kako bi uzgojili presadnice. Redovito vode brigu e presadnicama paprike koje su
listrica s učiteljicom biologije i emile Šteficom Škrlec i učiteljem	Korisni kukci u OŠ Zlatar Bistrica 16. ožujka 2023. godine.	+ 1 + + + + + + + + + + + + + + + + + +	Dana OŚ Zlatar Bistrica. Zahvalujemo učenicima i	613			niknule.

1. Ecology in media

- Objective: to investigate how environmental topics are presented in different types of media using online sources
- School librarian gave the pupils gudelines which sites to visit and explore
- Pupils searched the information, copy the links and upload ti on Lino.it tool
- Ecology in the movies, on posters, on the radio shows, in TV shows, in comics, in newspapers, in magazines, on the Internet...





http://linoit.com/users/snjezica/canvases/%20Dani%20medijske%20pismenosti%202023

2. Eco-cooperation with a partner school in the creative recovery of plastic bottles (Upcycling)-exhibition, game show, workshop

- Upcycling workshop between two schools
- Online and in the schools
- Pupils collected old plastic bottles to create new useful items
- Excange of ideas, collaboration, exhibition,game show with "plastic puppets"









Ekosuradnja OŠ Zlatar Bistrica i OŠ Konjščina: kreativna oporaba plastične boce (Upcycling)

Učenici OŠ Zlatar Bistrica i OŠ Konjščina u suradničkim aktivnostima na platformi eTwinning uče o važnosti kreativne oporabe (Upcycling) u svakodnevnom životu. Tako su učenici 4. razreda iz OŠ Konjščina pod mentorstvom učiteljica Maje Đurđinovski i Blaženke Kocman bili kreativni i izradili uporabne i ukrasne predmete od starih plastičnih boca: narukvice, posudice za cvijeće, letjelice, vjetrenjače, životinje, vaze, razne likove i slično. Ti će predmeti poslužiti učenicima OŠ Zlatar Bistrica za osmišljavanje digitalne priče koju će izraditi pod vodstvom stručne suradnice knjižničarke Snježane Kovačević i učiteliice Informatike Draženke Kuzman, a bit će izloženi i na izložbi u povodu Dana OŠ Zlatar Bistrica. Zahvaljujemo učenicima i učiteljicama iz OŠ Konjščina na suradnii!

3. Multimedia presentation on recycling- a video made by potentially gifted pupils

Pupils read a poem "Reciklaža" by Nataša Križanić and made a presentation to remind everyone of the importance of recycling

https://express.adobe.com/video/SL hBjP2m5uAwN



Game show with "plastic puppets"

- Pupils read the plays by the author Jadranka Čunčić Bandov and used plastic puppets to record a video
- We also used plants pupils planted for that purpose

Ekosuradnja učenika OŠ Zlatar Bistrica i OŠ Konjščina

Igrokaz

Kreativna oporaba plastične boce (upcycling)

4. Ecology and technology

- Pupils from 4th grade
- Mila i Zelenvila by the author Mirela Holy- a modern environmental fairy tale
- Media, digital and informational literacy with the use of a book for children and young people
- Workshop- reading aloud
- Objective-to become aware that digital tecnology can be used in useful and proper way instead for just playing games and and that it can unite us when problem occurs





Outcomes and results

- Pupils developed their environmental awareness more
- Pupils learned different ways they can get to know about ecology and behave responsibly towards the environment
- > Pupils learned to use different digital tools to explore about the topic
- Pupils imporved their reading, communication and research skills
- Pupils spent time learning in the school library using different sources of information
- Pupils are motivated to take part in simmilar activities and projects in the school library
- School library proved that it is a centre of knowledge in the school and the place pupils can find all the answers about any topic

Future green activities and projects

- Going green in the future projects and activities- sustainability of pupils' activities
- Recomendations of recent literature for pupils and teachers about ecology, sustinability, about caring for the environment
- Continue to cooperate with other subjects and encourage students to lead a healthy lifestyle and to think about the future of the Planet Earth and locally









Conclusion and evaluation

- Ecology in the school library as a topic is very interesting and motivating for pupils
- Developing lifelong skills through cross-curricular learning
- Sustainable development



Thank you!

knjiznica.zlatarbistrica@gmail.com