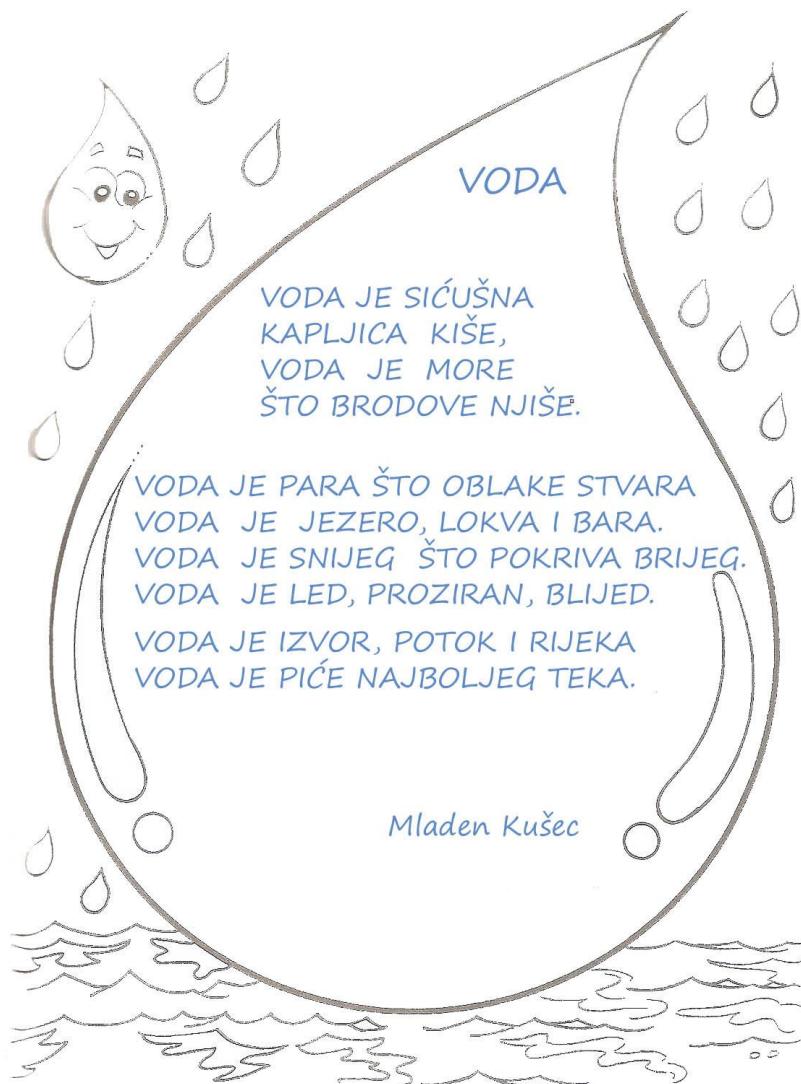




Moja mala knjiga o vodi

Integrirani pristup tematskom sadržaju povodom
Svjetskog dana voda

VODA



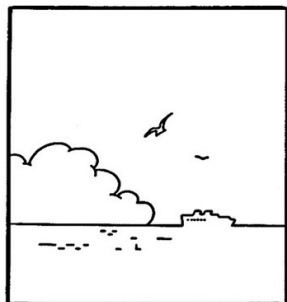
VODA

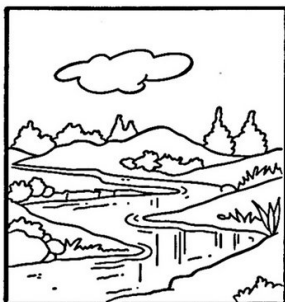
VODA JE SIĆUŠNA
KAPLJICA KIŠE,
VODA JE MORE
ŠTO BRODOVE NJIŠE.

VODA JE PARA ŠTO OBLAKE STVARA
VODA JE JEZERO, LOKVA I BARA.
VODA JE SNIJEG ŠTO POKRIVA BRIJEG.
VODA JE LED, PROZIRAN, BLIJED.
VODA JE IZVOR, POTOK I RIJEKA
VODA JE PIĆE NAJBOLJEG TEKA.

Mladen Kušec

VODA JE SVUDA OKO NAS

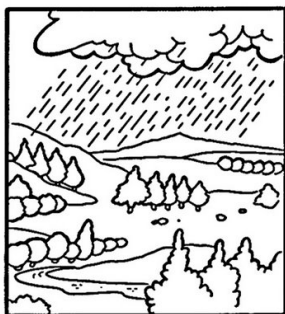


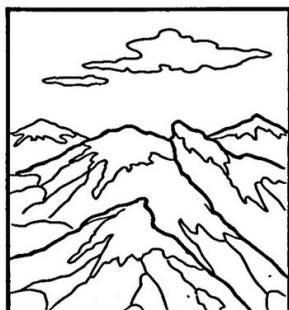


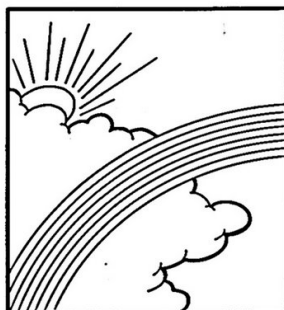












VODA JE U NAMA



BEZ VODE NEMA ŽIVOTA

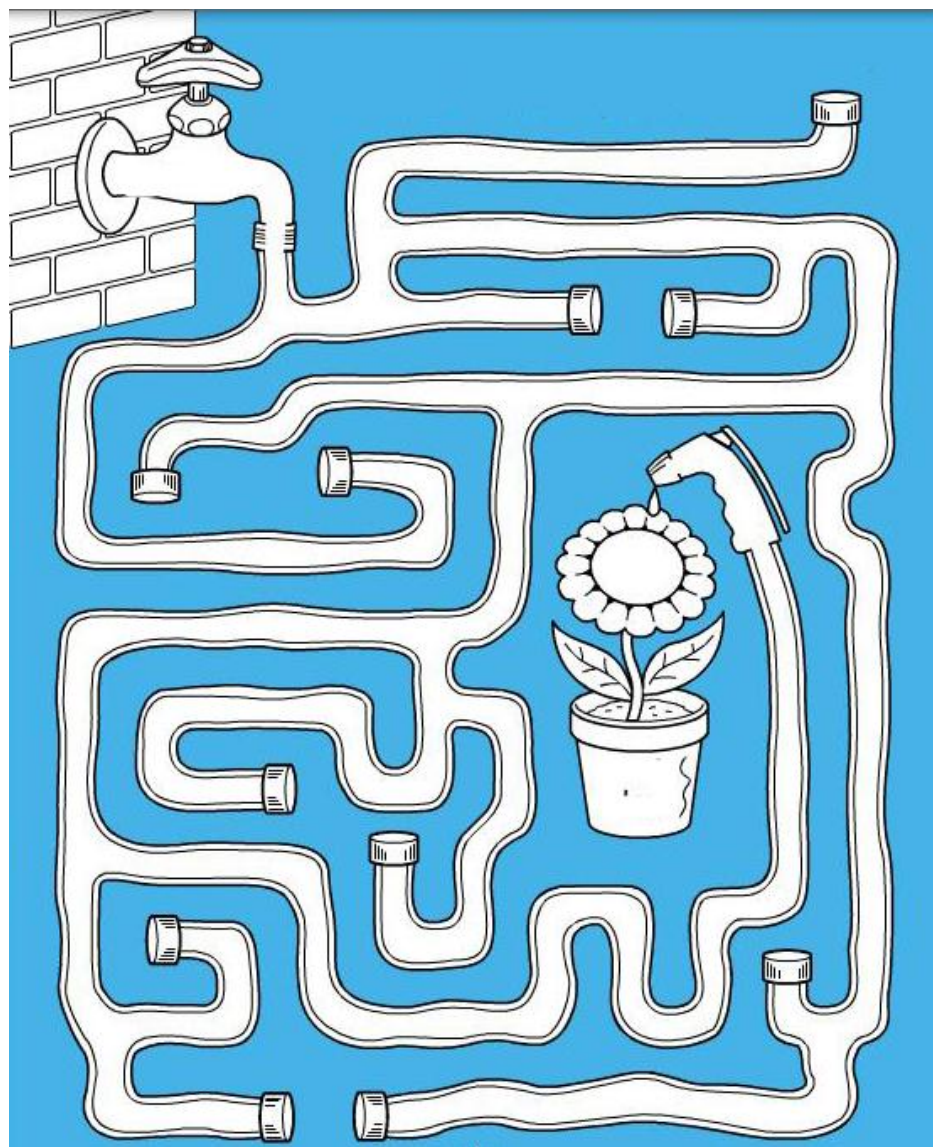


VODA TREBA SVIMA

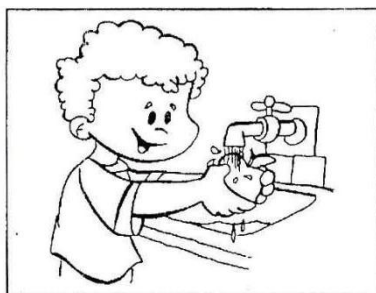
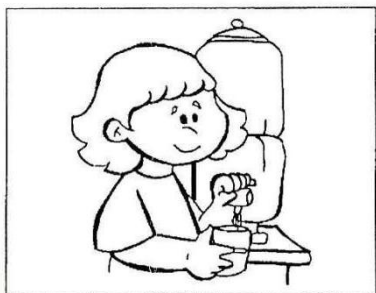


VODU TREBAJU: _____

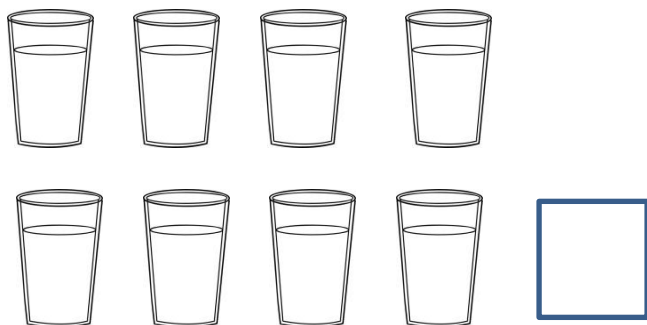
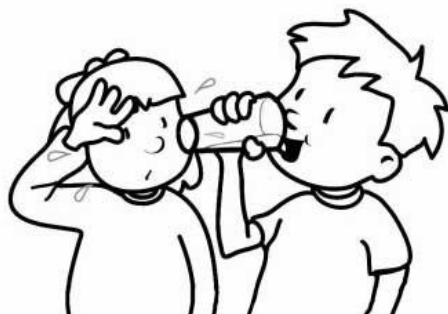
PRONAĐI PUT DO CVIJETA



VODU TREBAMO ZA....

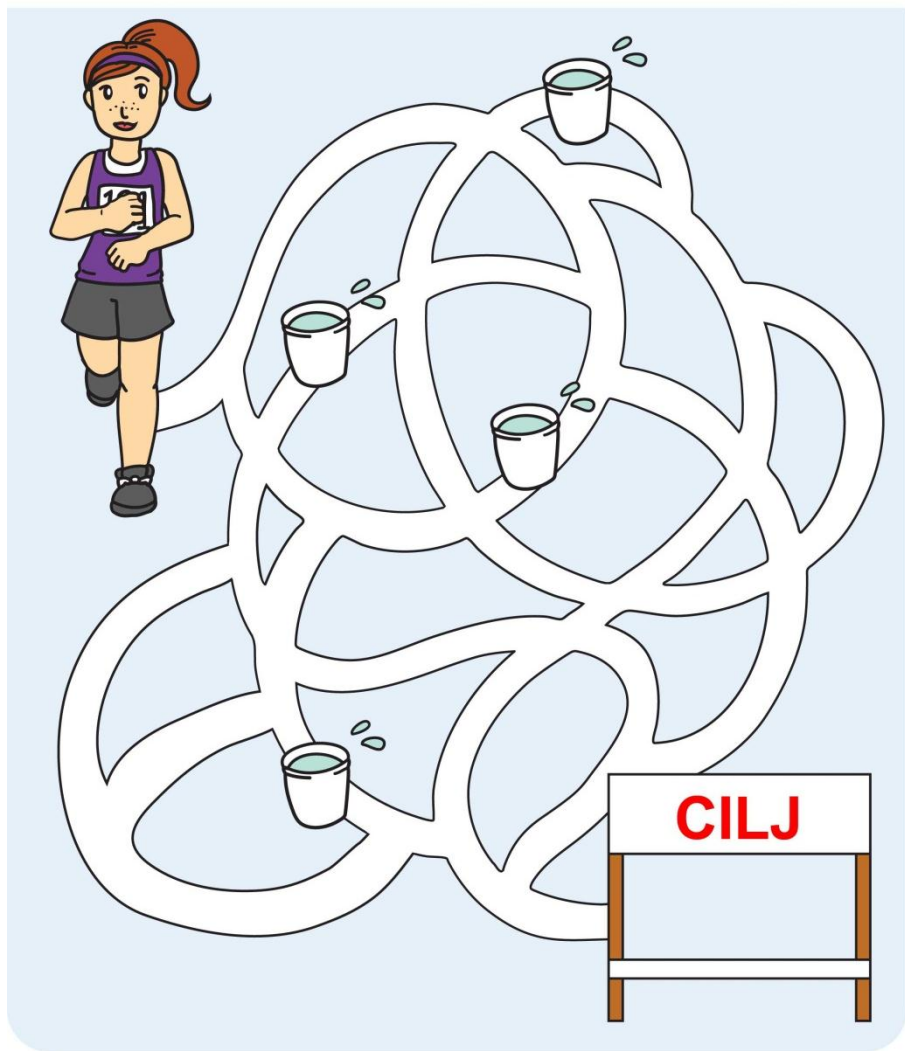


KOLIKO VODE PIJEMO SVAKI DAN?



PREPORUČA SE POPITI _____ ČAŠA
VODE SVAKI DAN.

UTRKA



KAKVE JE BOJE VODA?

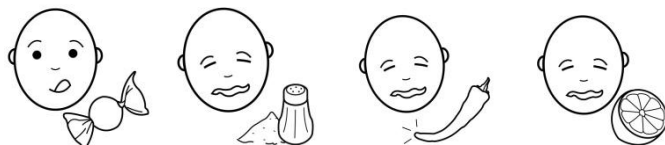


VODA_____.



10

KAKVOG JE OKUSA VODA?



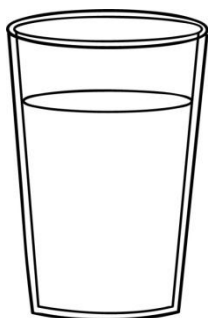
VODA _____.

KAKVOG JE MIRISA VODA?



VODA _____.

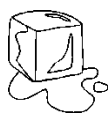
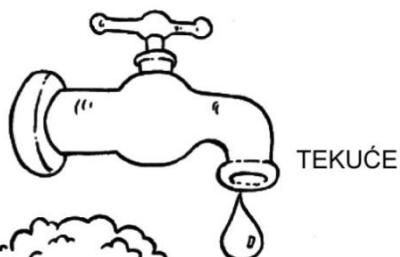
VODA NEMA BOJE, MIRISA NI OKUSA



VODA NEMA: _____



VODA IMA TRI LICA



PARA

LED



KAP

TRI LICA VODE



VODA JE T_____.



KADA JU Z_____



PRETVARA SE U P_____.

TRI LICA VODE

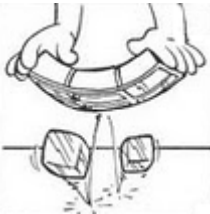


VODA JE T_____.



KADA JU H_____

NA NISKOJ TEMPERATURI,



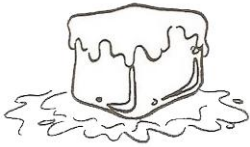
PRETVARA SE U L_____.

TRI LICA VODE



LED JE TVRD.

NJIME HLADIMO PIĆE.

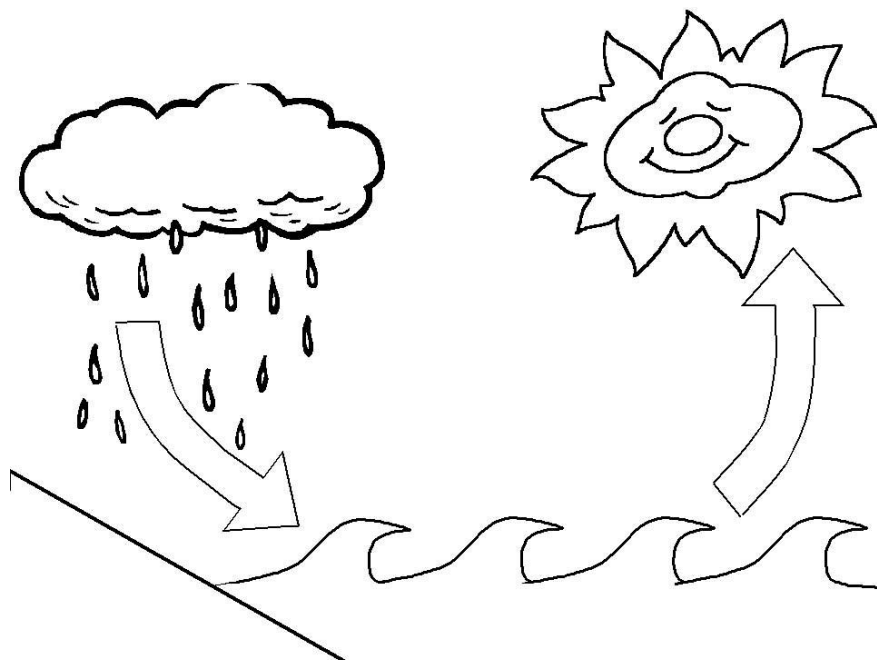


LED SE T_____ I

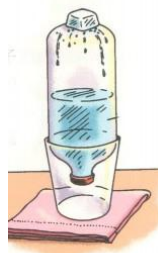
PRETVARA U V_____.



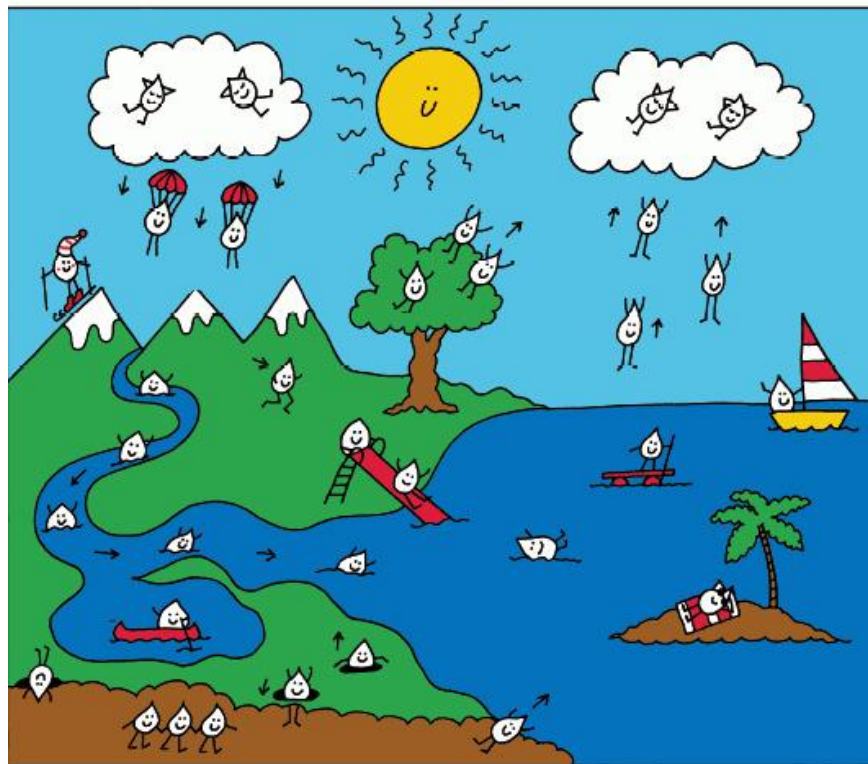
KAKO NASTAJE KIŠA



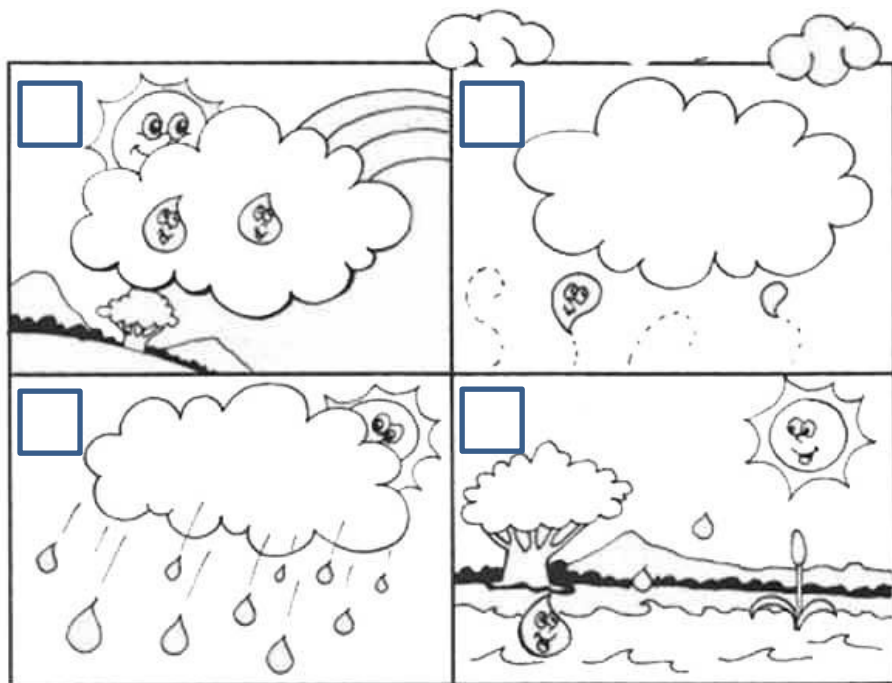
VODA SE ISPARAVA, SKUPLJA U
OBLACIMA I PONOVO PADA NA
ZEMLJU.



VODA KRUŽI U PRIRODI



KAKO PUTUJE KAPLJICA?



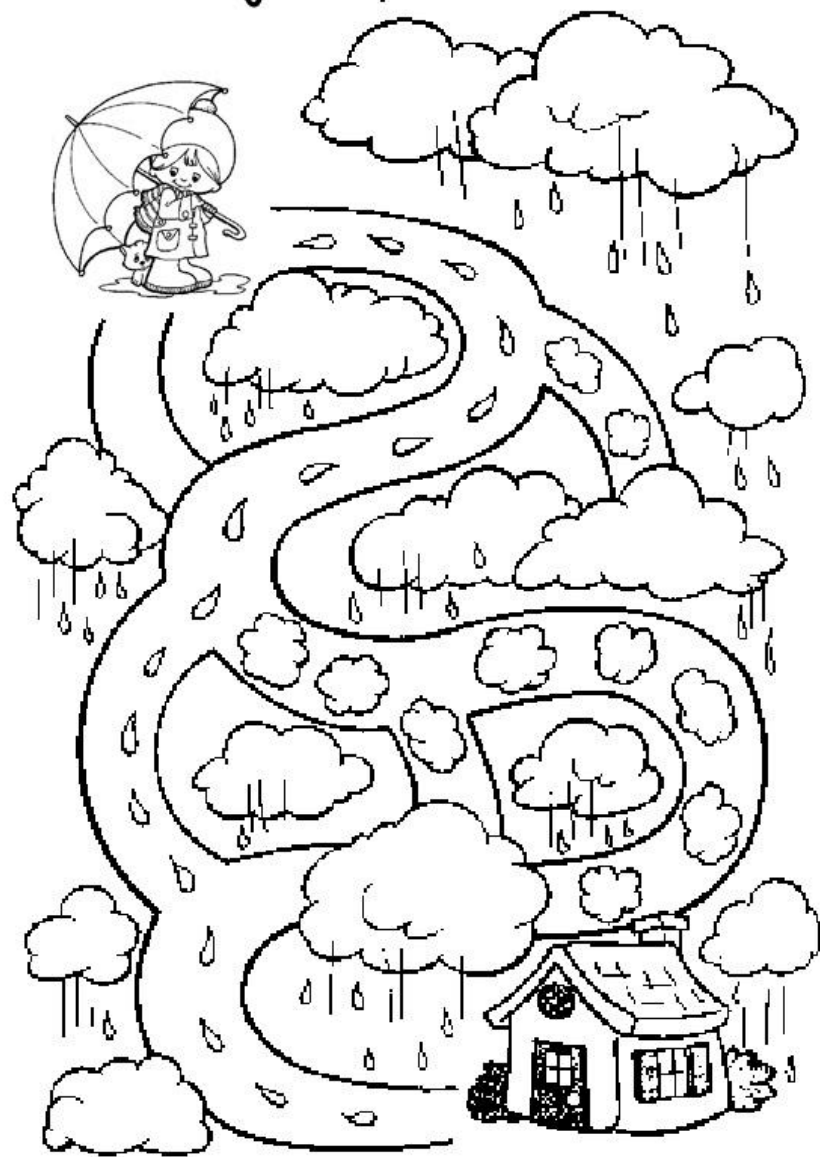
1. _____

2. _____




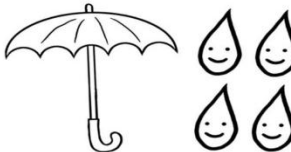
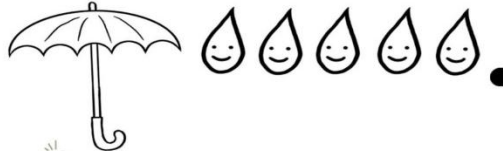
3. _____

4. _____

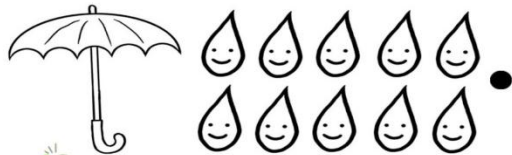
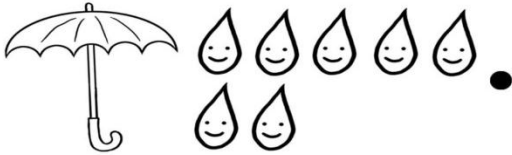
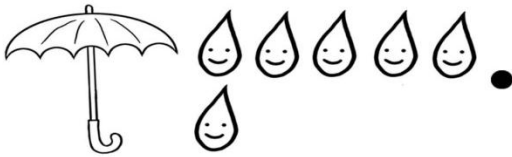
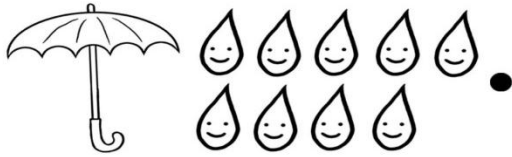
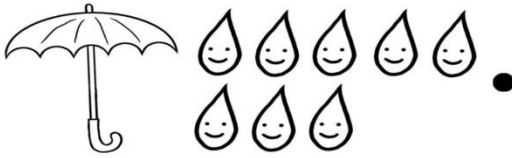
Slijedi .



BROJIM I BOJAM

	•	•	1
	•	•	5
	•	•	2
	•	•	3
	•	•	4

BROJIM I BOJAM



ZBRAJALICA



$4 + 2 =$



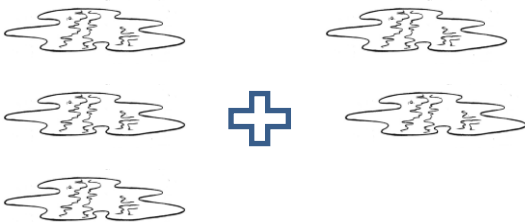
$2 + 2 =$



$1 + 2 =$

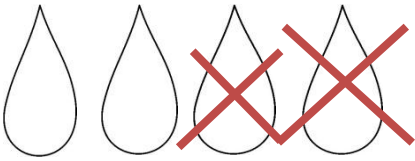


$4 + 1 =$

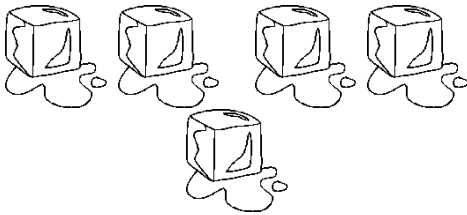


$3 + 2 =$

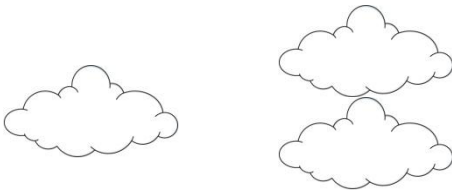
ODUZIMALJKA



$$4 - 2 =$$



$$5 - 2 =$$



$$3 - 2 =$$



$$5 - 1 =$$



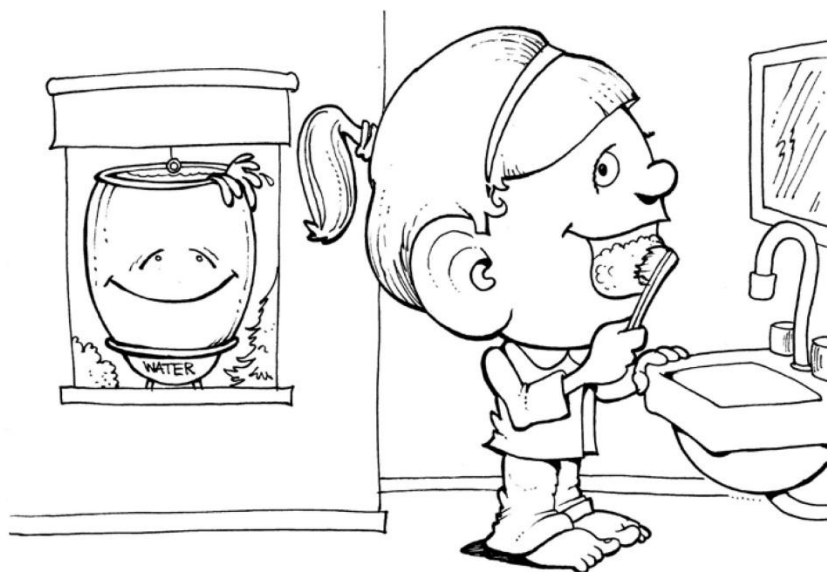
$$6 - 2 =$$



ŠTEDI VODU



ZATVORI VODU




































SVAKA KAP JE BITNA

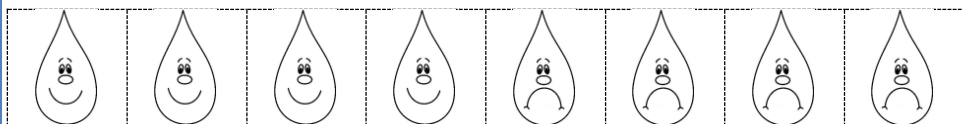


Kako možemo štedjeti vodu

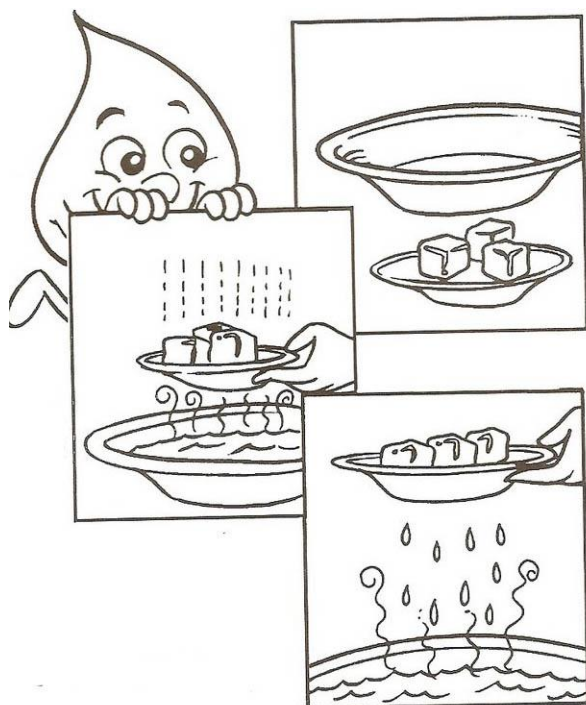


   Popraviti slavine	 Popraviti vodokotlič    Ugraditi štedljivi vodokotlič	 Popraviti tuš    Ugraditi štedljivi tuš	  Tuširati se a ne kupati
 Prati punu mašinu 	 Prati samo kad je puno suđa 	 Isperi zube s 1 čašom vode 	Zatvoriti slavinu   kad pereš zube  kad pereš ruke  kad pereš suđe  dok se briješ
 Koristiti tuš 	 Malčirati biljke 	 Auto prati u pravnici 	 Mesti a ne prati vodom ispred kuće  

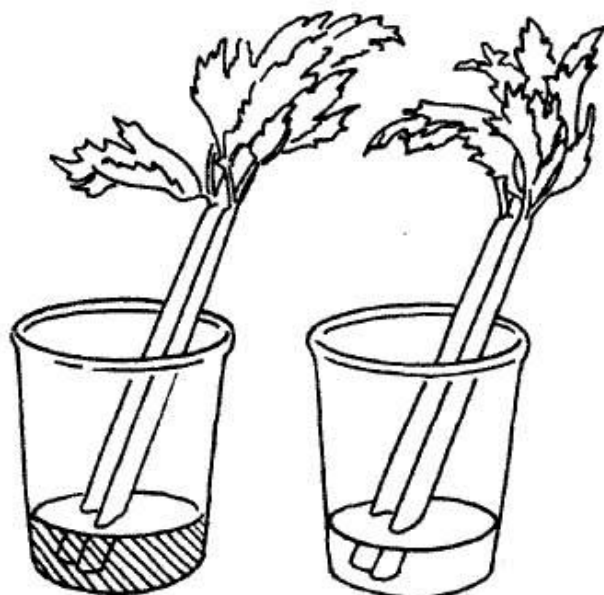
DOBRO ILI LOŠE POSTUPANJE S VODOM?



HOKUS - POKUS



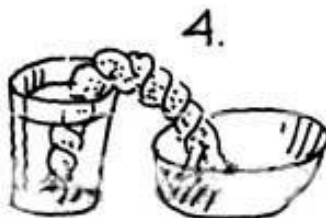
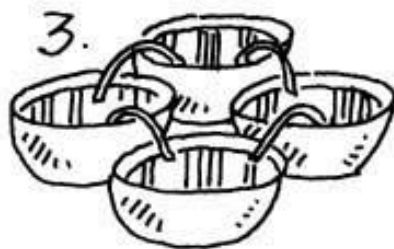
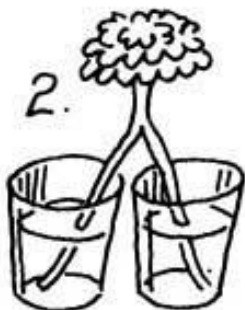
HOKUS - POKUS



crvena voda

čista voda

HOKUS - POKUS









VODA PUTUJE I NOSI BOJU

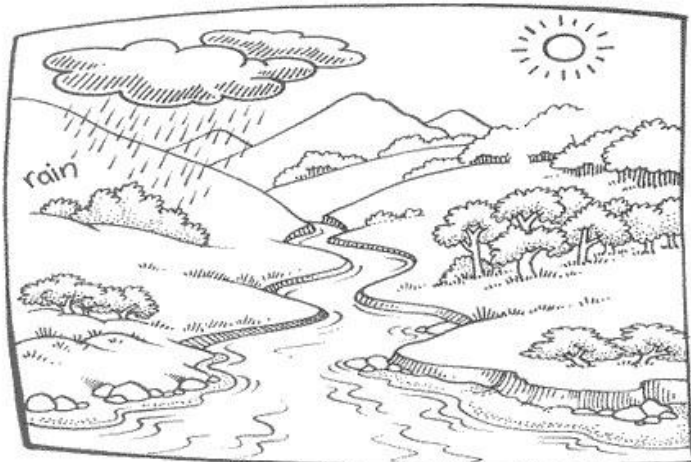
HOKUS - POKUS



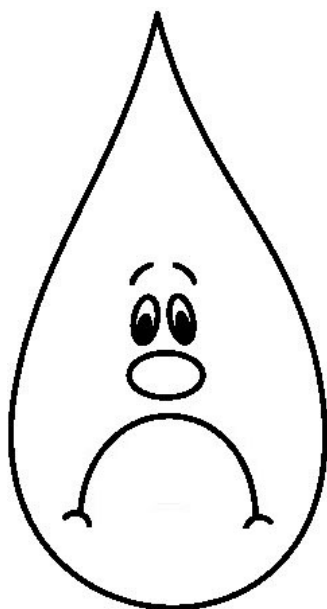
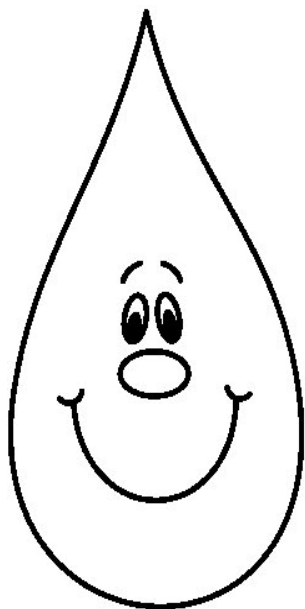
FILTRIRANJE VODE

<p>• Pripremi</p> <ul style="list-style-type: none">✓ podložak i filter za kavu✓ 2 čaše✓ žličica✓ voda i zemlja 	<p>a) u pola čaše vode dodaj žličicu zemlje</p> 	<p>b) dobro promiješaj</p> 
		
<p>c) u podložak stavi papirnati filter</p>	<p>d) podložak stavi na čašu</p>	<p>e) vodu sa zemljom izlij preko filtera i promotri</p>

ČISTA I ZAGAĐENA VODA



OCJENA ZA DANAŠNJI DAN



KAKO TI SE SVIDIO DANAŠNJI
DAN?

JESI LI ŠTO NAUČIO?

ŠTO TI SE NAJVIŠE SVIDJELO?

SADRŽAJ RADA

- VODA SVIRA - slušanje i prepoznavanje zvukova koje stvara voda (šum rijeke, kiše, potoka, slapa, zvuk skoka u vodu..)
- SVIRANJE NA BOCAMA - sviranje na bocama napunjenim vodom (različite razine) i prepoznavanje visokih i niskih tonova
- KIŠNI ŠTAP - izrada instrumenta
- PUTOVANJE JEDNE KAPLJICE - animirani edukativni film
- VODA - ppt prezentacija
- HOKUS POKUS - KOJEG JE OBLIKA VODA
 - TRI LICA VODE
 - OBLAK I KIŠA
 - BOJA U TOPLOJ I HLADNOJ VODI
 - VODA PUTUJE I NOSI BOJE
- KOLIKO IMA KAPLJICA?
- BROJIM I BOJAM
- ZBRAJAMO I ODUZIMAMO KAPLJICE zbrajanje i oduzimanje staklenih kapljica na predlošku i upisivanje rezultata
- SVAKA KAP JE BITNA
- TAJNE I ZGODE NESTAŠNE VODE - animirani edukativni film
- IZRADA ZIDNOG PLAKATA
- JE LI SVAKA PLAVA BOJA JEDNAKO PLAVA?
- SLIKANJE VODENIM BOJAMA - tonovi plave boje
- IZLOŽBA UČENIČKIH RADOVA
- EVALUACIJA - RAZGOVOR S UČENICIMA

INTEGRIRANI DAN PLANIRALE I VODILE:

Iva Cibulka, prof. defektolog
Dubravka Kocanjer, prof. defektolog

Karlovac, 22.3. 2013.g.