

## UNIT 3 FUN WITH SCIENCE!

• 1 a)



**Secret agents sometimes write**

Tajni agenti ponekad pišu

**secret messages.**

tajne poruke.



**They use invisible ink.**

Za to koriste nevidljivu tintu.

**Do you want to learn how?**

Želiš li naučiti kako?

**First, we need all the ingredients and tools.**

Prvo trebamo sve sastojke i alate.

**You will need:**

Trebati će ti:



**half a lemon**

(polu limuna)



**water**

(voda)



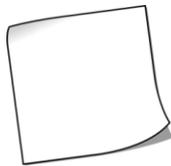
**bowl**

(zdjela)



**spoon**

(žlica)



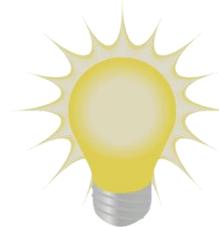
**white paper**

(bijeli papir)



**cotton bud**

(štipić za čišćenje ušiju)



**light bulb**

(žarulja)

**b) Read the text. Look at the pictures.**

**Complete the sentences.**

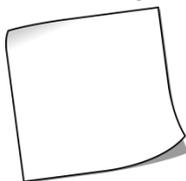
Pročitaj tekst. Pogledaj slike i dovrši rečenice.

**1 Squeeze some**  lemon juice into a  \_\_\_\_\_.  
Iscijedi malo limuova soka \_\_\_\_\_ u zdjelu.

**2 Add a few drops of**  \_\_\_\_\_.  
Dodaj nekoliko kapljica vode.

**3 Mix the water and lemon juice with the**  \_\_\_\_\_.  
Pomiješaj vodu i limunov sok žlicom.

**4 Dip the**  \_\_\_\_\_ **into the mixture.**  
Uroni štapić za uši \_\_\_\_\_ u smjesu.

**5 Write a message on the white**  \_\_\_\_\_.  
Napiši poruku na bijelom papiru.

**6 Wait for the juice to dry. The text becomes invisible.**  
Pričekaj da se sok osuši. Tekst tada postaje nevidljiv.

**7 Hold the paper close to a**  \_\_\_\_\_.  
Drži papir blizu žarulje.

**8 Heat it.**  
Ugrij ga.

**What happens?**  
Što se događa?

**c) Listen  to track 3.9. to check task 1 b).**

Poslušaj snimku 3.9. i provjeri točnost u zadatku 1 b).

**d) Copy the sentences from task 1 c) on the empty lines.**

1 \_\_\_\_\_

\_\_\_\_\_

2 \_\_\_\_\_

3 \_\_\_\_\_

\_\_\_\_\_

4 \_\_\_\_\_

\_\_\_\_\_

5 \_\_\_\_\_

\_\_\_\_\_

6 \_\_\_\_\_

7 \_\_\_\_\_

8 \_\_\_\_\_

**e) Ask your teacher or parent to help you make invisible ink.**

Upitaj učitelja ili svoje roditelje za pomoć kod pravljenje nevidljive tinte.

• **2 a) What is happening in the pictures?**

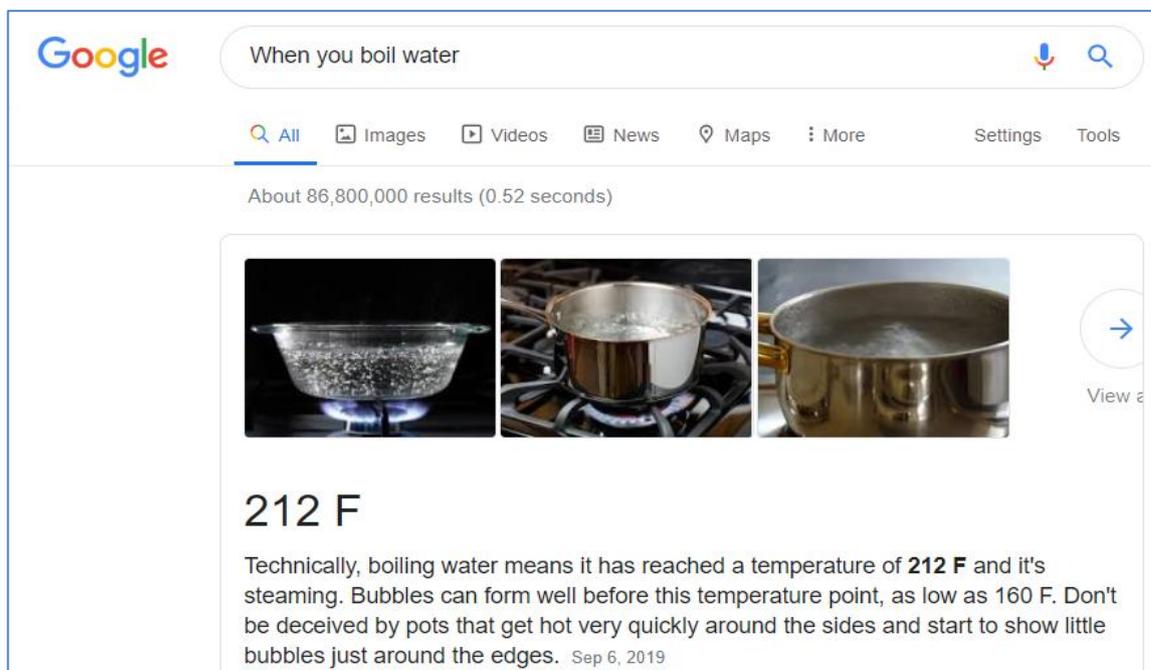
**Say in Croatian.**

Što vidiš na slikama? Opiši na hrvatskom jeziku.



**b) Do a quiz. Search for answers online.**

Riješi kviz. Potraži dogovore na internetu.



Google

When you boil water

All Images Videos News Maps More Settings Tools

About 86,800,000 results (0.52 seconds)



**212 F**

Technically, boiling water means it has reached a temperature of **212 F** and it's steaming. Bubbles can form well before this temperature point, as low as 160 F. Don't be deceived by pots that get hot very quickly around the sides and start to show little bubbles just around the edges. Sep 6, 2019

## QUIZ

**1 When you boil water,**  
Kada zakuhaš vodu, ona



a) it freezes



ona se se smrzne.

b) it becomes steam



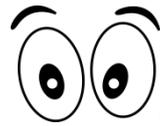
ona postane para.

**2 When you sneeze, your eyes**

Kada kihneš, tvoje oči se



a) open



otvaraju.

b) shut



zatvaraju.

**3 When you put an apple in the water,**

Kada staviš jabuku u vodu,



a) it sinks



ona tone na dno.

b) it floats



ona pluta na površini.

**4 When you put a glass over a burning candle,**

Kada staviš čašu preko svijeće koja gori,



**a) the candle explodes**

svijeća eksplodira.



**b) the candle dies out .**

svijeća se ugasi.



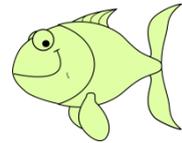
**5 When you keep a goldfish in the dark,**

Kada zlatnu ribicu držiš u mraku,



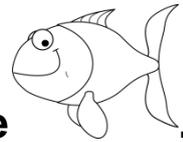
**a) it turns green**

ona postane zelena.



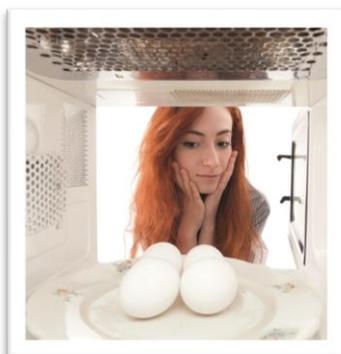
**b) it turns white**

ona postane bijela.



**6 When you put an egg in the microwave,**

Kada jaje staviš u mikrovalnu,



**a) a chick hatches out of it.**

iz njega se izliježe pilić.



**b) it explodes.**

ono eksplodira.



**c) Finish the sentences.**

**Use the correct answers from task 2 b).**

Dovrši rečenice uz pomoć točnih odgovora u zadatku 2 b).

**1 When you boil water, it \_\_\_\_\_ .**

**2 When you sneeze, your eyes \_\_\_\_\_ .**

**3 When you put an apple in the water, it \_\_\_\_\_ .**

**4 When you put a glass over a burning candle,  
the candle \_\_\_\_\_ .**

**5 When you keep a goldfish in the dark, it turns \_\_\_\_\_ .**

**6 When you put an egg in the microwave, \_\_\_\_\_ .**