

W_hAT_{ev}ER

...forever and ever...

The present teaching refers to water through the disciplines of Science, ICT and Art

The present teaching unit was taught to 18 ten-year-old students in two didactic hours.

The control class consisted of 17 students of the same age and was taught in the traditional way for Greece, that is following the one and only didactic book.

- Watch the water coming out of this pot. Why is the water in the bottom coming out farther than the upper holes?





What do you observe about
the shape of the dam?

Can you explain that?

- Russians used to boil water in samovars in order to make tea. Imagine you open the tap and the tea flows rapidly or slowly. What do you suppose?

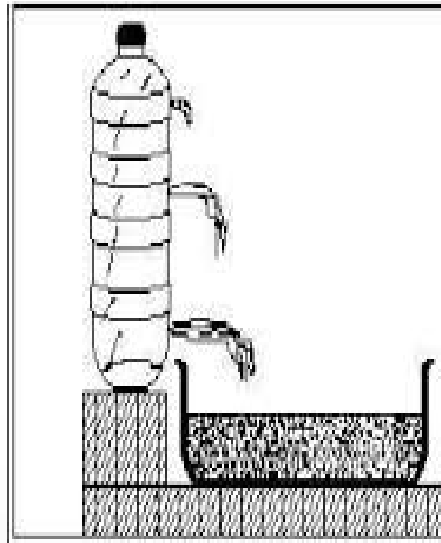
Is it almost full or almost empty?



Watch the manometers. They measure pressure. Draw your own manometer.



- Copy this image and paste it in Windows Paint. Draw a manometer in each hole. What will the indications be in each height?



Play with the scratch game in the link below. Moving your mouse left and right you change the wind and the direction of the rain. Moving it up and down you change the amount of rain.

- <https://scratch.mit.edu/projects/108577407/>

Scratch Δημιουργία Εξερεύνηση Συζητήσεις Σχετικά Βοήθεια Αναζήτηση Εγγραφή Σύνδεση

Water (Pen)
από το χρήστη Zigloo

13 σενάρια
3 αντικείμενα Δείτε μέσα

Σημειώσεις και Ευχαριστίες

Water (Pen)
Three Beautiful Pen Water Simulations

Click the green flag to start the project.
Full screen is recommended.
Press space to cycle between the three pen water effects:

1. Rain (controlled by mouse)
2. Sea
3. Sprinkler

Moving the mouse left and right while viewing the rain will change the wind. Moving it up and down will change the amount of rain.

Please go to this project to help end poverty:
<https://scratch.mit.edu/projects/101413311/>

CREDITS:
Music is "Set Fire to the Rain" by Adele
4/15/17: Thanks for 2000 loves! @tuer1 was 2000.
Featured 7/7/2016!

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Τελευταία τροποποίηση στις: 11 Μαΐ 2017

★ 1573 ♥ 2012 👁 25692 🌟 91

- All four paintings depict Noah's Ark. Notice which phase of the flood is depicted and how the water is illustrated in each phase. Then choose your favourite phase to draw. Which colours will you use?



Links to the photos (1/3)

1. http://physiclessons.blogspot.gr/2012/02/blog-post_4124.html#.WSdFe8gVyN0.
2. Destrozos llluvias en zona Setcases y Nuria, AthenaPlus, <http://sgdap.girona.cat/fotoweb/Preview.fwx?archiveType=ImageFolder&archiveId=5002&f=C400094F79E54D7F87AD626CCB8747A261EEC7C1CE7ECBA28BEBD212005B6BDAC623525C9441FE6050364D4360F4F5AD3F7E1592ECB624FDEFCEBE81D6D75681AF2B33753F8EA8ED243E6639837D714A358318AC605D6FEFD72D2EDCED86005F0F5E84287898A787CFDB56DBE5C2A75738A28195DACBD5ECE37A578BA5FE0D5910FD28D076E61A047A0E35B340A67DDC3D454A26B9268B2FDE71D944060432FC99A0CA3F108B31AC442F38239FDCB561AC933F4EFF4B2A47DAB6131B1A48D43E3>
3. Samovar, Swedish Open Cultural Heritage | K-samsök, <https://digitaltmuseum.se/011023765274/samovar>
4. Fontaine à thé : armes de Charles-Véronique de Gerson et Louised'Elbée, <http://www.photo.rmn.fr/archive/-2C6NU0SKWO98.html>
5. Fontaine à thé, musée du Louvre, <http://www.photo.rmn.fr/archive/-2C6NU0NXJ1H4.html>
6. Manometer, Swedish Open Cultural Heritage | K-samsök, <http://carlotta.malmo.se/carlotta-mmus/web/object/515203>
7. Links: für 12cm M.16/a. H.M.W.komplt.Res.-Manometer. Rechts: für 2.Flaschen - Anschluss komplt.Luftfüller, The European Library, http://www.bildarchivaustria.at/Pages/Search/Result.aspx?p_eBildansicht=2&p_ItemID=1

Links to the photos (2/2)

8. 300 Atmosph.komplt.Kontroll-Manometer auf einer Luftflasche angebracht., The European Library, http://www.bildarchivaustria.at/Pages/Search/Result.aspx?p_eBildansicht=2&p_ItemID=2
9. Manometer, skrivande, Swedish Open Cultural Heritage | K-samsök, <https://digitaltmuseum.se/021026360238/manometer-skrivande>
10. http://paroutsas.jmc.gr/did_fp.htm
11. <https://scratch.mit.edu/projects/108577407/>
12. Noaks Ark, Museu, <http://collection.nationalmuseum.se/eMuseumPlus?service=ExternalInterface&module=collection&objectId=25196&viewType=detailView>

Links to the photos (3/3)

14. Akvarell, teckning, barnteckning, skolteckning, Swedish Open Cultural Heritage | K-samsök, <http://carlotta.malmo.se/carlotta-mmus/web/object/252706>
15. Akvarell, teckning, barnteckning, skolteckning, Swedish Open Cultural Heritage | K-samsök, <http://carlotta.malmo.se/carlotta-mmus/web/object/251501>