



2022

Seachtain Eolaíochta



Griangrafanna eile [anseo](#)

2021

2019



28.01.19: Bhí Rang 6 ag foghlaim faoi eolaíocht i gColáiste Daibhéid. Pix [anseo](#).

2017

13 agus 15 Mí na Samhna



[Eolaíocht sa scoil](#) faoi stiúir Stiofán agus micléinn GMIT



Feabhra 08: Rang 6 i gColáiste Daibhéid. Pictiúir [anseo](#).

2016

03.02.16



Eolaíocht i gColáiste Daibhéid. Pix [anseo](#).

2015

Samhain 2015:



Lá Eolaíochta do na páistí sa scoil [anseo](#)

2014



26.11.14: Lá Eolaíochta sa scoil [anseo](#)

[Clic](#) chun pictiúir a fheiceáil ó Choláiste Daibhéid

2013

Mí na Samhna: Seachtain na hEolaíochta



[Turgnaimh](#) déanta ag na micléinn ón GMIT



Márta 2013: Micléinn ón GMIT sa scoil!

[Pictiúir](#)

2012

24.10.12



Bhain Rang 6 taitneamh as an [eolaíocht](#) i gColáiste Daibhéid

2011

Mí na Samhna









Go raibh maith agaibh do na micléinn ón GMIT

Deireadh Fómhair agus Mí na Samhna 2010

Deireadh Fómhair 2010 i gColáiste Daibhéid

We had a slideshow first.



Here's a picture showing the insertion of an artificial hip joint.



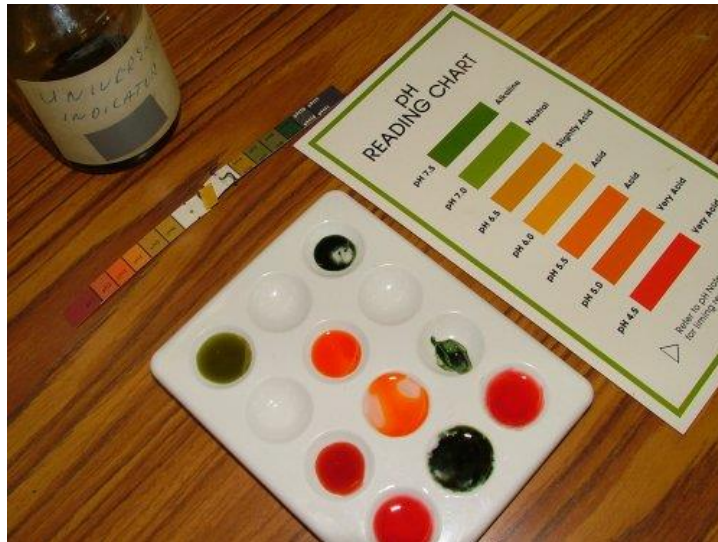
Níl gach duine ag iarraidh féachaint air!



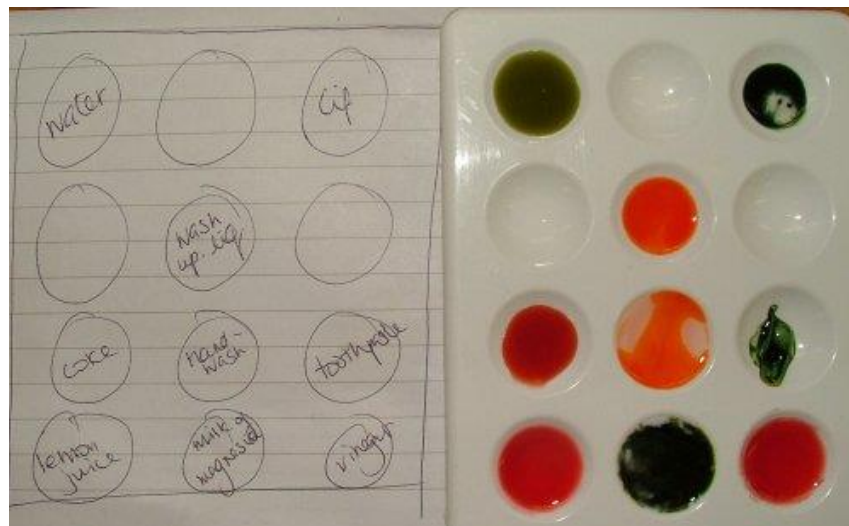
Acids



Blue Litmus Paper will turn red when exposed to an acid



Universal Indicator changes to red if it's in acid, or green if it's in a base



2: Brú an Aeir (*air pressure*)



Cad a tharla don channa seo?



Put some water in an empty tin

Heat it.



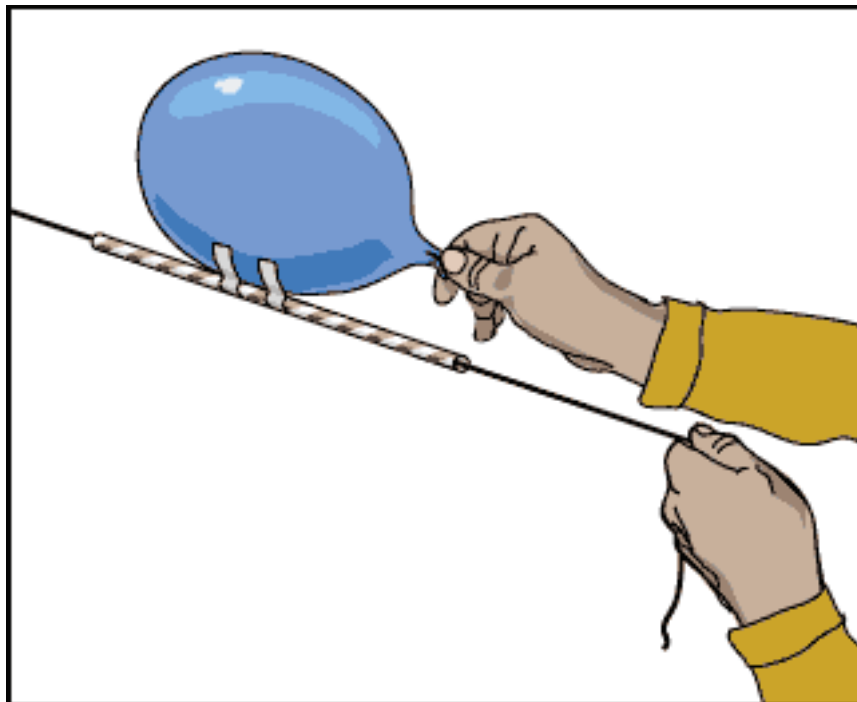
The steam generated will drive out the air.



Turn it upside down and plunge it into cold water.

The steam in the tin changes back to water, which takes up very little of the volume.

There is no air in the tin to counteract the external pressure, so it collapses.



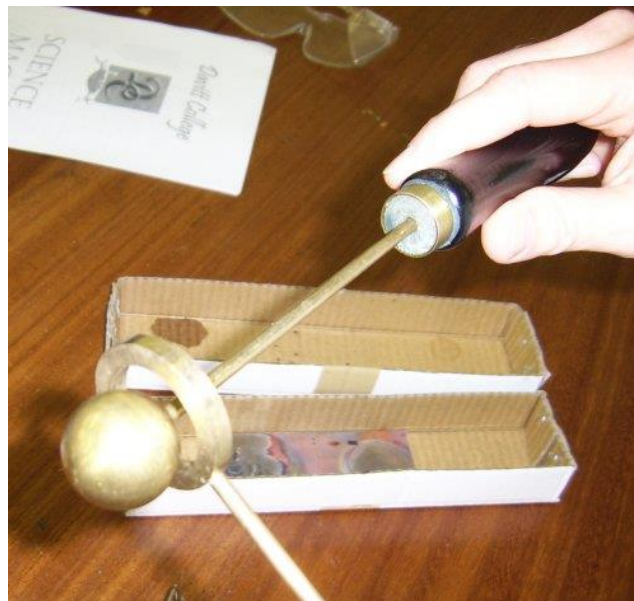
If you blow up a balloon, it fills with air whose pressure increases.

When you release the balloon, the air will force itself out of the nozzle.

Watch a [video](#) of a balloon showing how a rocket works.



3: Heating Metals



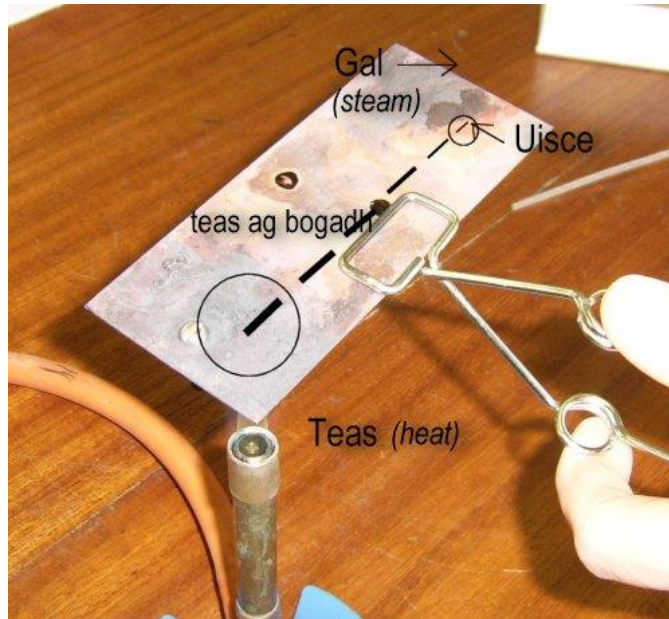
The metal ball passes through the ring.



Heat the ball...



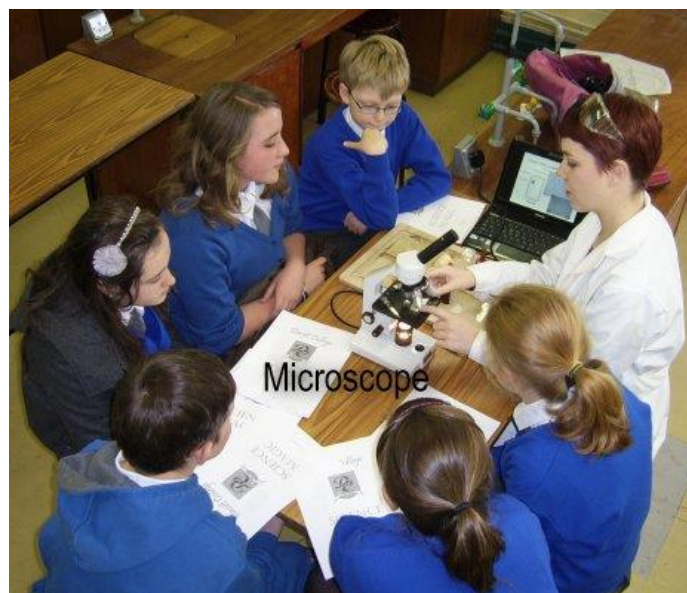
...the ball has expanded and cannot pass through the ring.

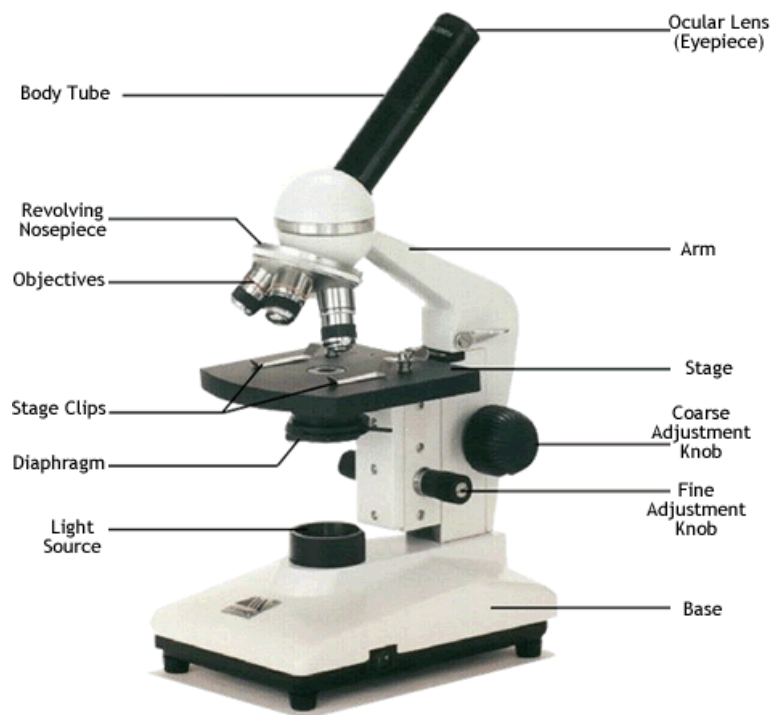


Conduction: metals conduct heat very well

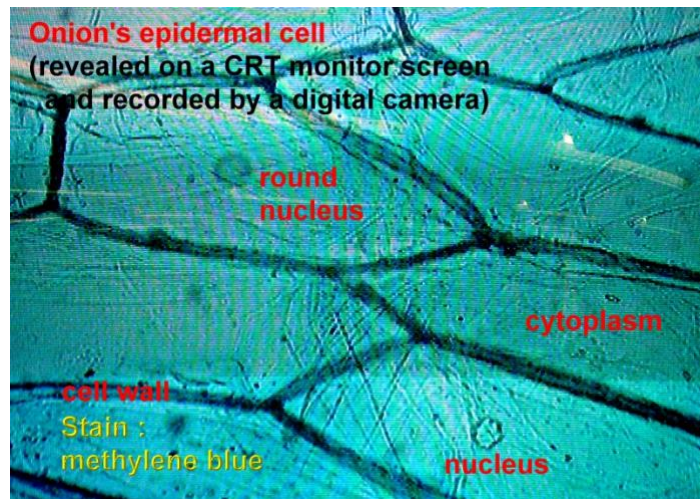
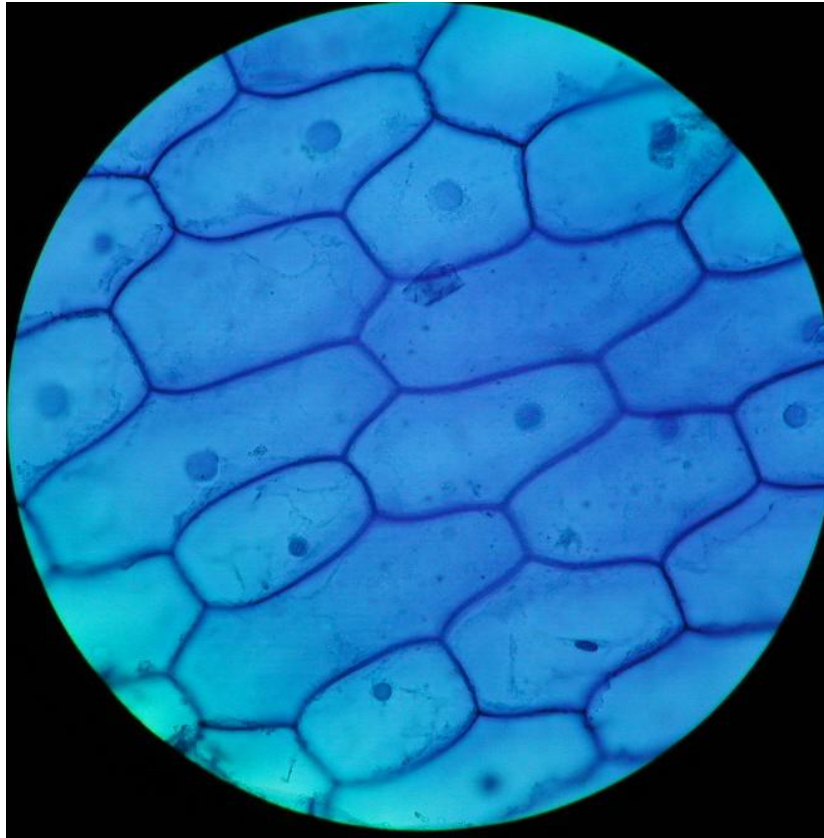
The heat moves through the metal and heats the water at the end of it.

4: An Mícreascóip





Use the iodine to see better the cells of an onion

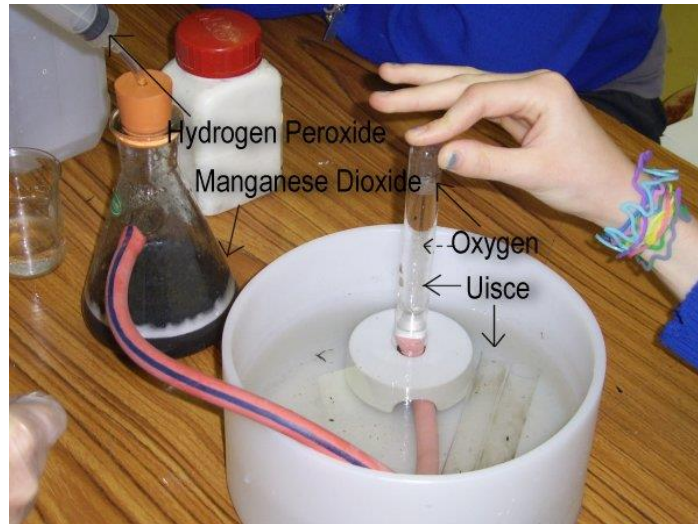


5: Ocsaigín



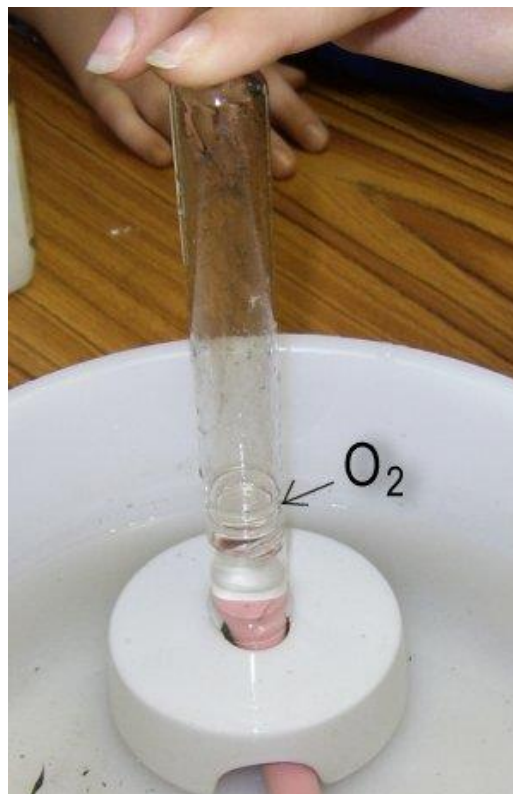
Let's produce some oxygen!



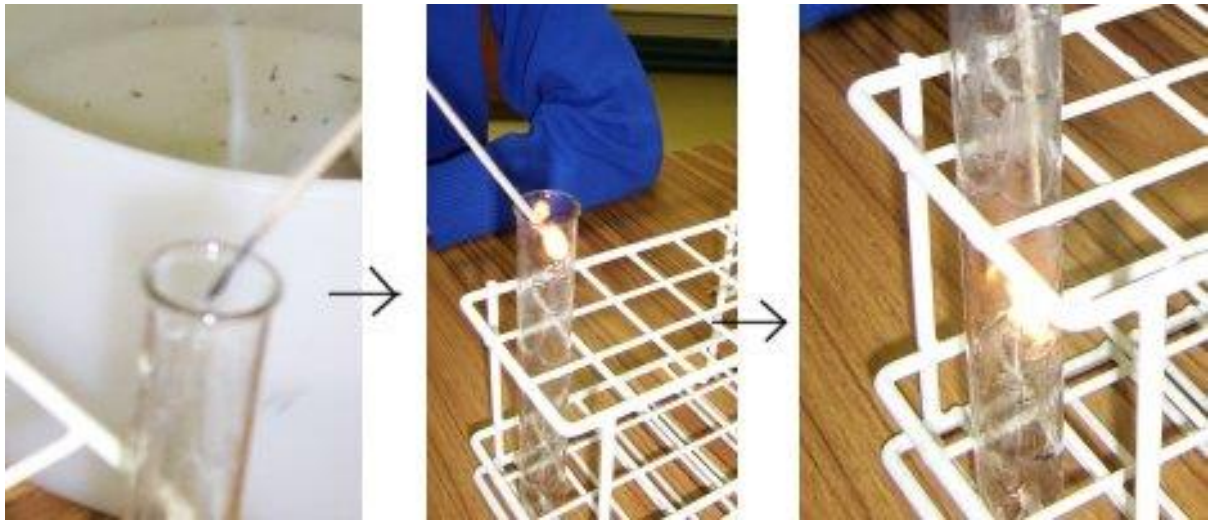


We remove the oxygen from the **hydrogen peroxide**.

The **manganese dioxide** is a *catalyst* which speeds up the process.



The oxygen bubbles up through the water and is trapped in an inverted test tube.



The oxygen is invisible to us, but we know it's there as it relights a glowing splinter of wood.



Now let's burn a jelly sweet!



All that sugar can't be good for you!

Turgnaimh GMIT

Turgnaimh a bhí déanta sa scoil ag na micléinn GMIT a fheiceáil











Tá aer te éadroim...



...an-éadroim!



Cuir uisce agus ola le chéile...



...ach ní maith leo fanacht le chéile!





Tá coinneal bheag sa phróca ag fáil réidh leis an ocsaigin:
Téann an balún isteach sa phróca.



Frithchumilt (*friction*):
Tá greim níos daingne ag an mbuidéal plódaithe le rís



Tá frithchuimilt idir na leathanaigh go léir an-láidir
(It's hard to pull the phonebooks apart when all the pages are interleaved)





Domhantarraingt (*gravity*)



Téann tonnta fuaime tríd aer



Téann fuaim tríd sreang freisin!





Slán!

Turgnaimh i Scoil Naomh Iosaef

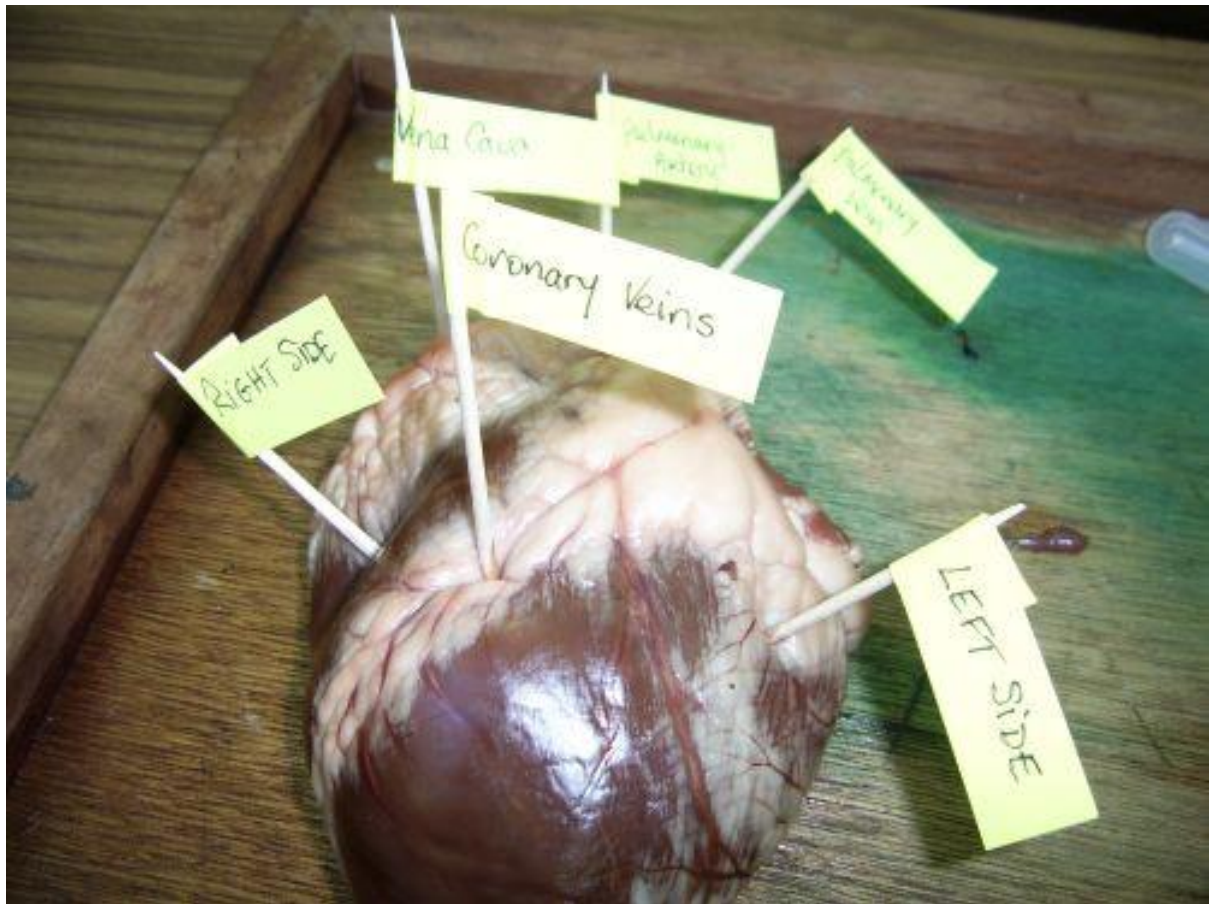
Chuaigh an dá Rang 6 ar cuairt chun turgnaimh eolaíochta a dhéanamh

1: Bitheolaíocht





Croí agus scámhóga



An Croí



Ní raibh eagla ar na buachaillí roimh na rudaí seo!





An creatlach





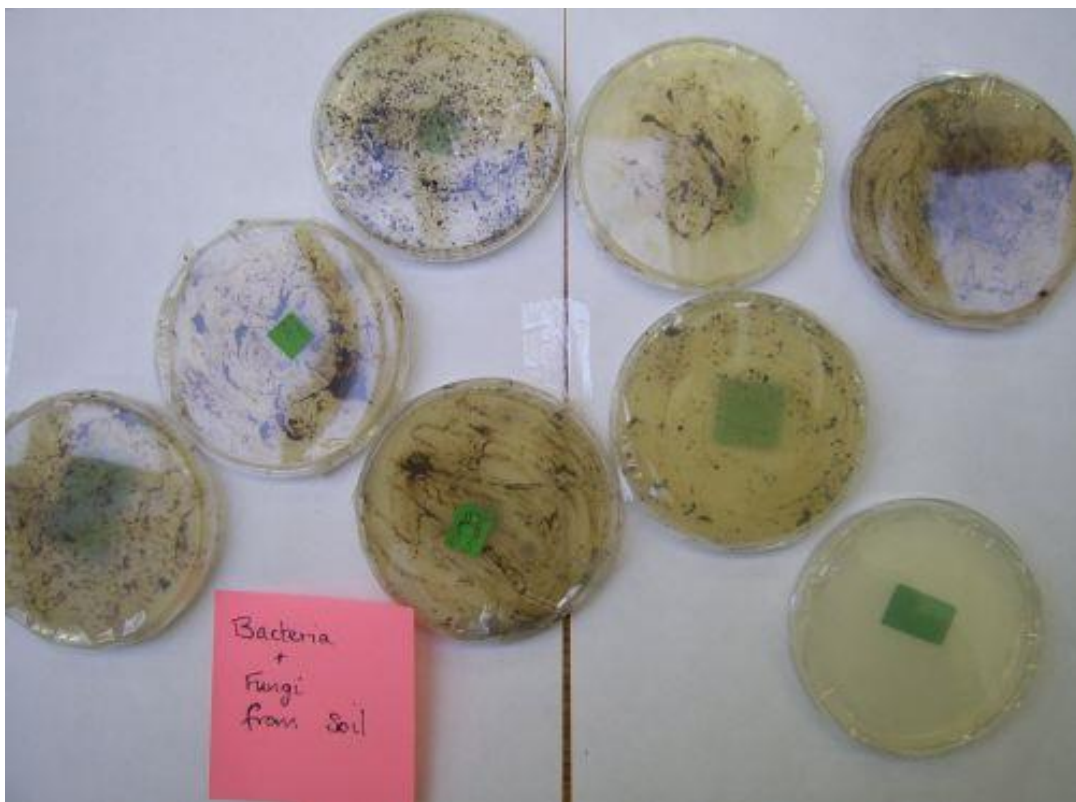
Na céadfaí (senses)



Starch is a constituent element in bread...



...agus in úll



Bactéir



ag scríobh le aicíd:
when dry, lemon juice becomes visible.



Itheann plandaí áirithe cuileoga

2: Fisic



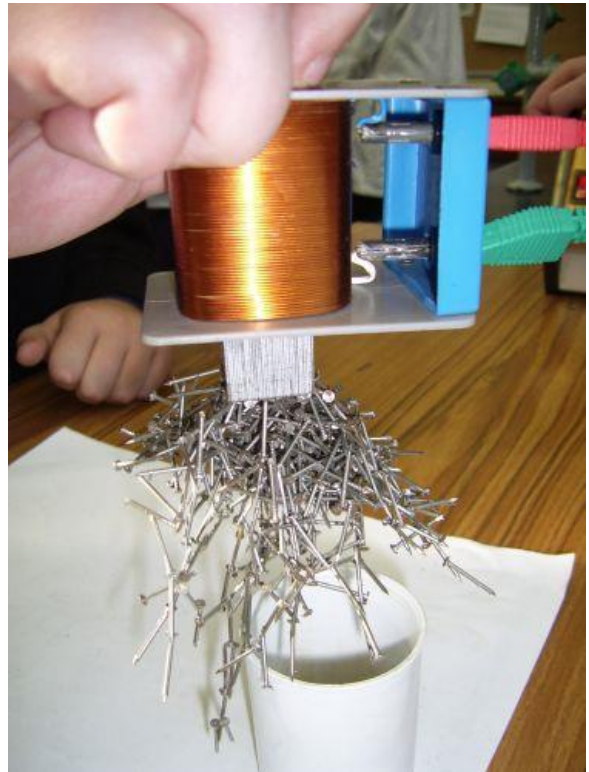


Leictreachas staitic





Electromagnet



Tá an maighnéad seo an-láidir



Colour Wheel



Má mheascann tú na dathanna, téann siad bán



Taistealaíonn fuaim tríd an aer



Photo-electric cells: faigheann siad cumhacht ó sholas



Nuair a théann leictreachas tríd ollan chruach (*steel wool*) dóann cuid de

3: Ceimic



Cuir aigéad agus bun (*acid + base*) le chéile...



...agus faigheann tú dé-ocsaíd charbóin (CO_2)



4: Lón sa Bhialann



Bhí lá deas againn!





Deireadh Fómhair 2009:

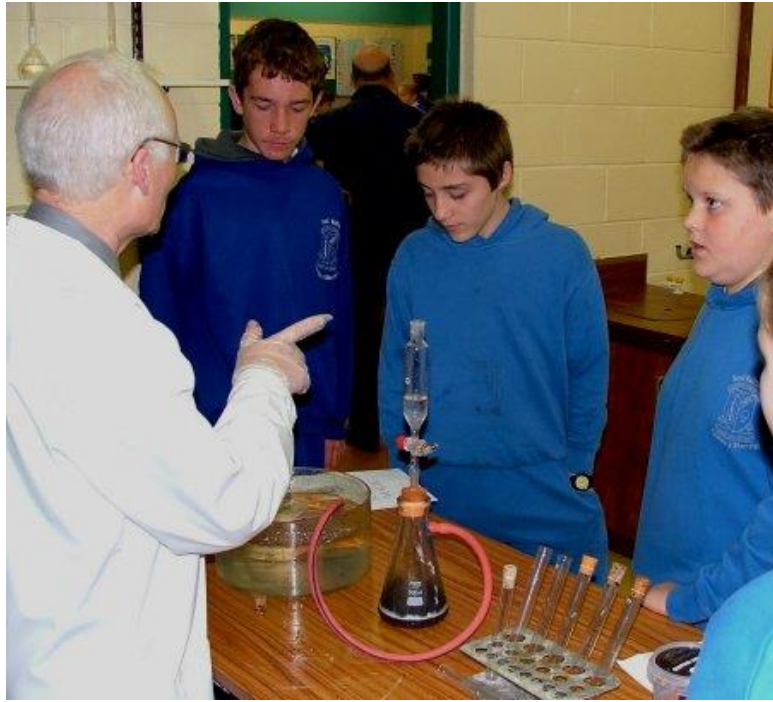
Chuaigh an dá Rang 6 go dtí Coláiste Daibhéid chun eolaíocht a fhoghlaim



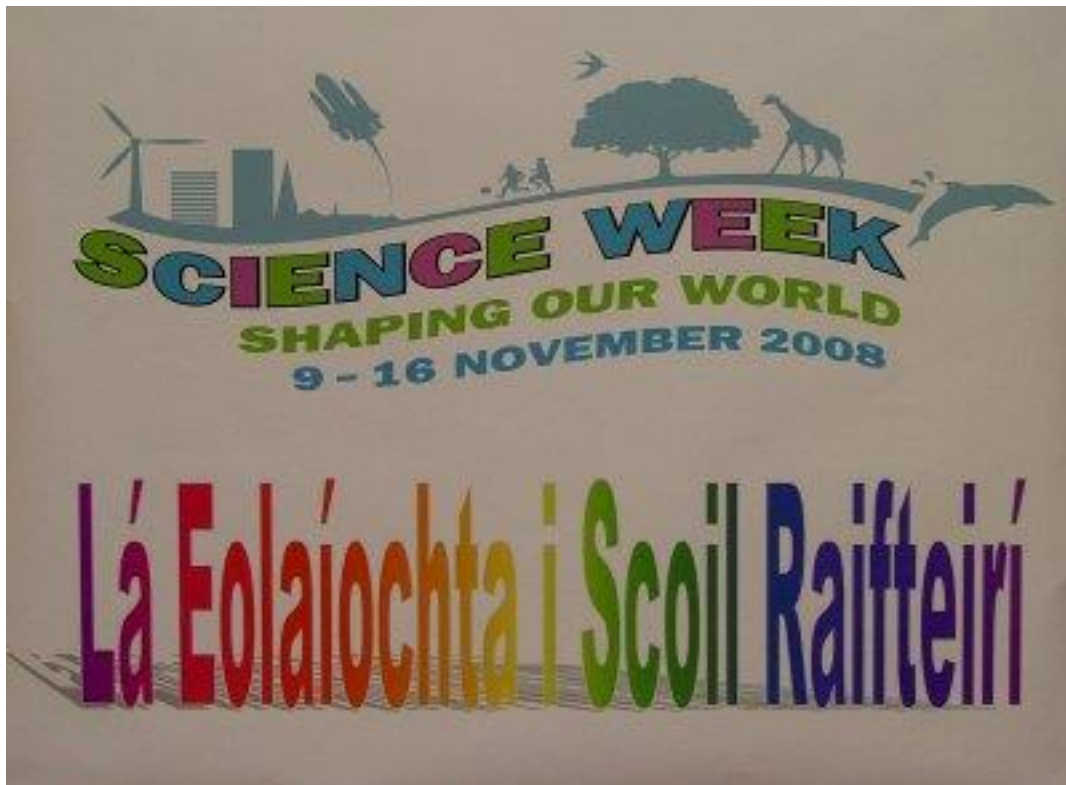
Universal Indicator chun pH atá ag leacht a thaispeáint



Cailíocht uisce: *water quality of the Moy*



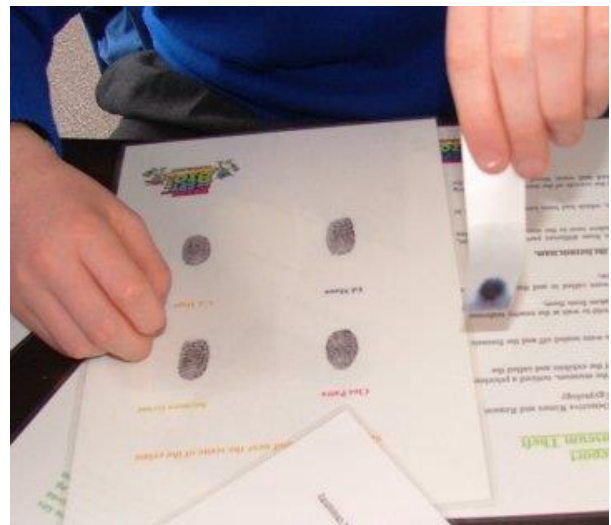
Ag fáil ocsaigin ó Hydrogen Peroxide

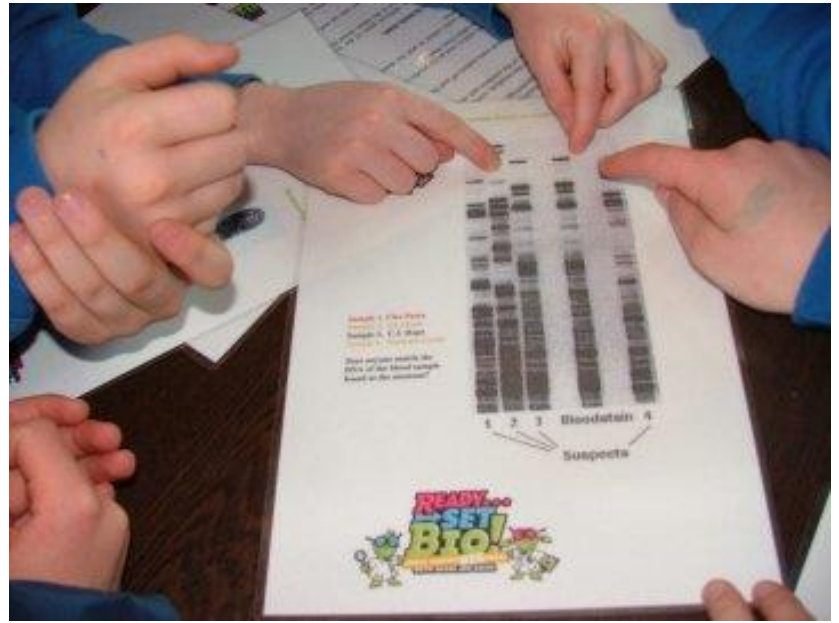


21 Mí na Samhna 2008:
Lá Eolaíochta le micléinn ón GMIT

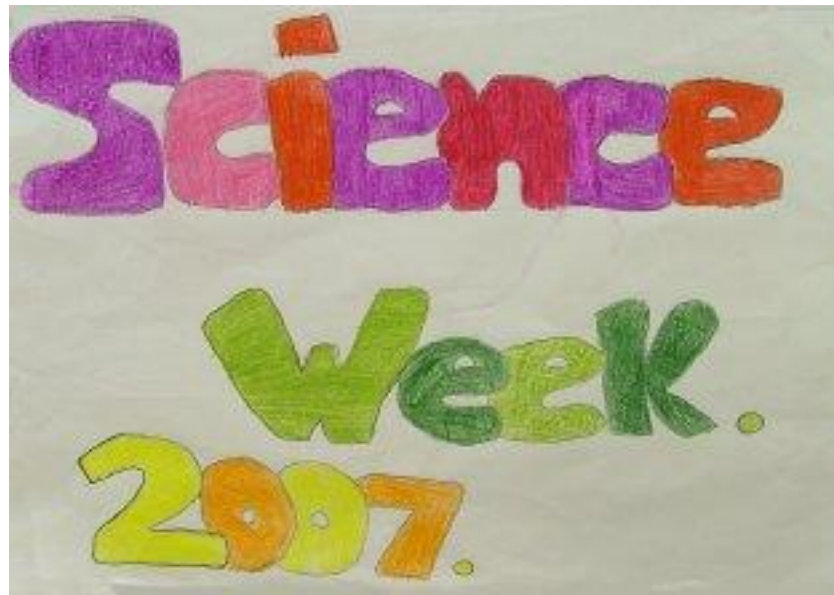


Samhain 2008: Eolaíocht sa leabharlann



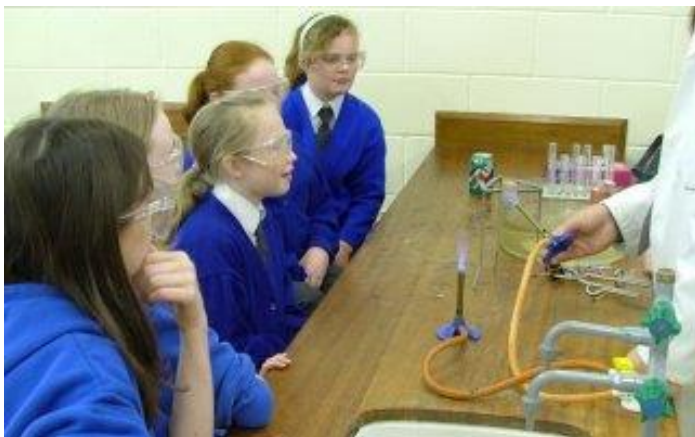


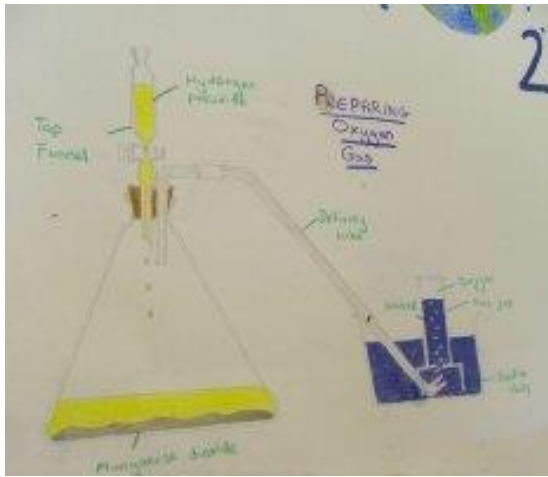
Bhí Ranganna 4 agus 6 ag úsáid fianaise chun an gadaí a aithint



Deireadh Fómhair 2007:

Chuaigh Rang 6 go dtí Coláiste Daibhéid chun eolaíocht a fhoghlaim





Aibreán, 2007:

Chuaigh Ranganna 4, 5 agus 6 go dtí an GMIT chun foghlaim faoi eolaíocht



Céard atá anseo?



Cad a rinne sí?



Ag déanamh gunna le Ascorbic Acid



Ag lorg óglach: any volunteers?



Seo an Fear...



Ní maith liom an cuma ar seo



Bhí uisce, slime agus gás gach áit



Seo pictiúir ó Sheachtain na hEolaíochta, 2006

Go raibh maith agat don **GMIT** agus do **Choláiste Dáibhéid**