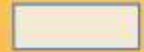




OUR CHEMISTRY
CHRISTMAS TREE



RAINBOW CHEMISTRY

Comenius 2013-2015

Shop and eat by the colours



What are we going to do?

At first, we'll prepare some coloured solutions using only ingredients that you can find in your house.

After that, we'll do a special activity with the solutions that we made.

And finally, we'll decorate our high school with them.

Materials we need

We need:

- Red cabbage. 
 - Lemon juice. 
 - Distilled water. 
 - Vinegar 
 - Food coloring. 
 - And more things that you can find at home.
- Test tubes. 
 - Flasks. 
 - Rods. 
 - Funnel. 
 - Syringe. 



COLOURING SOLUTIONS



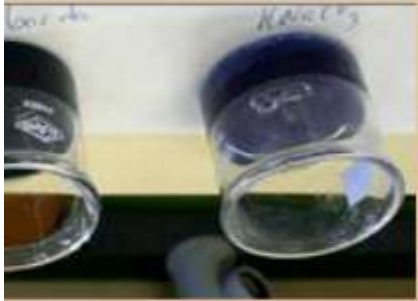
This is an example of solutions you can make with red cabbage. In addition to this we also can make dissolutions with tea, coffee...

We have coloured solutions using red cabbage.



To do this we are cooking the red cabbage and after it is cooked we'll take its juice.





We have coloured solutions using red cabbage.

To do this we are cooking the red cabbage and after it is cooked we'll take its juice.

Then we'll add different substances to that juice and it will change its colour depending on the pH of those substances.



 Prezi



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To do this we are cooking the red cabbage and after it is cooked we'll take its juice.

Then we'll add different substances to that juice and it will change its colour depending on the pH of those substances.

If it has got a low pH it will take a different colour than if it has got a high pH, for example if you add vinegar it gets a red colour because it's acid, but if you add bicarbonate it gets blue because it's a base.









PREPARING THE CHRISTMAS TREE STRUCTURE





Decorating our high school



OUR CHEMISTRY CHRISTMAS TREE



Prezi



OTHER ACTIVITIES
WITH COLOURED
SOLUTIONS

COLOURED SALTS

We can use coloured solution to obtain very beautiful salts to decorate our dining tables.

COLOU

COLOURED SALTS

We can use coloured solution to obtain very beautiful salts to decorate our dining tables.



COLOURED SALTS

We can use coloured solution to obtain very beautiful salts to decorate our dining tables.

The only thing you have to do is to mix salt and the solution and dry it.









COLOURED SALTS

Another way to colour salts is to mix it with different condiments like rosemary, thyme, curry...

COLOURED SALTS

We can use coloured solution to obtain very beautiful salts to decorate our dining tables.

The only thing you have to do is to mix salt and the solution and dry it.

COLOURED SALTS

Another way to colour salts is to mix it with different condiments like rosemary, thyme, curry...

You can also make it with orange or lemon peel that has been previously dried for several days, after that just smash it and mix it with sugar or salt.







**MADE BY THE STUDENTS OF
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