

This week the children have had an assembly to tell them about a very exciting science competition. The competition is part of our voluntary homework for the next half term and is a simple and fun investigation that is easy to do at home.

The children now know that you can make an indicator from red cabbage to show if a substance is acidic (like vinegar) or alkaline (like bicarbonate of soda). Our challenge to the children is to find a different natural indicator that shows a colour change in vinegar/lemon juice and a solution made using bicarbonate of soda and water.



What to do:

- 1) Think of a plant you think may make a good indicator. Tip - strongly coloured ones may be best.
- 2) Follow the steps above to test if/how well your indicator works to identify acids and alkalis.
- 3) Show what you did by drawing, taking pictures and/or writing about your investigation and findings.



Entries need to be in school on Monday 9th July to be included in the competition.

For more ideas to help you get started and resources to help you, please have a look on the Federation website.

There are 3 entry categories:

Year 1 & 2, Year 3 & 4 and Year 5 & 6.

Children can enjoy completing their experiment on their own or in groups of up to 5 children.

Fantastic prizes:

- Exciting whole school science roadshow visit
- Science equipment and resources for your school
- Trophies, goodie-bags and certificates for the winning children