



**To: Subject Advisors
Teachers
Parents and Caregivers of NS Tech Learners**

Topic: Use of home substances to determine acidity and alkalinity

Message Objective(s):

- To use red cabbage as an indicator for acidity or alkalinity

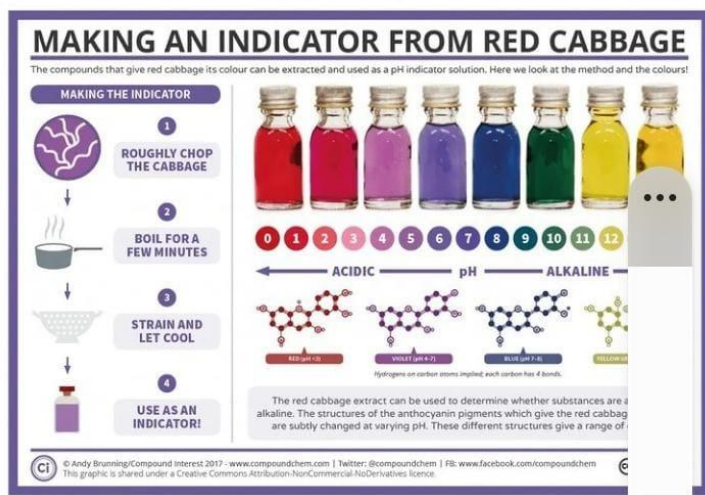
The Lockdown due to the Corona pandemic has interfered with the teaching of Science in the classroom. Term 2 and 3 work is very crucial for Intermediate Phase and Senior Phase learners as it lays a solid foundation for high school Science in Physics and Chemistry. Allow me to refer to one section of the curriculum on Acids and Bases:

All substances are either acidic, basic or neutral including some of the home substances. Please allow learners to identify acidic and basic substances using names or characteristics such as taste or feel. Acids have a bitter taste whereas bases have a sour taste. Some of the substances you can make use of in the home are;

- Vinegar
- Table salt
- Baking soda
- Lemon
- Water
- Battery acid*
- Milk of Magnesia*

*Do not taste these substances

The picture below shows how red cabbage can be used as an indicator



If we capture them in our homes, we surely will win in the classroom.

From: Justine Mafukidze - mafukidzej@nect.org.za
Reference: www.nect.org.za/materials