HOW TO CREATE COLOUR CHANGING LEMONADE

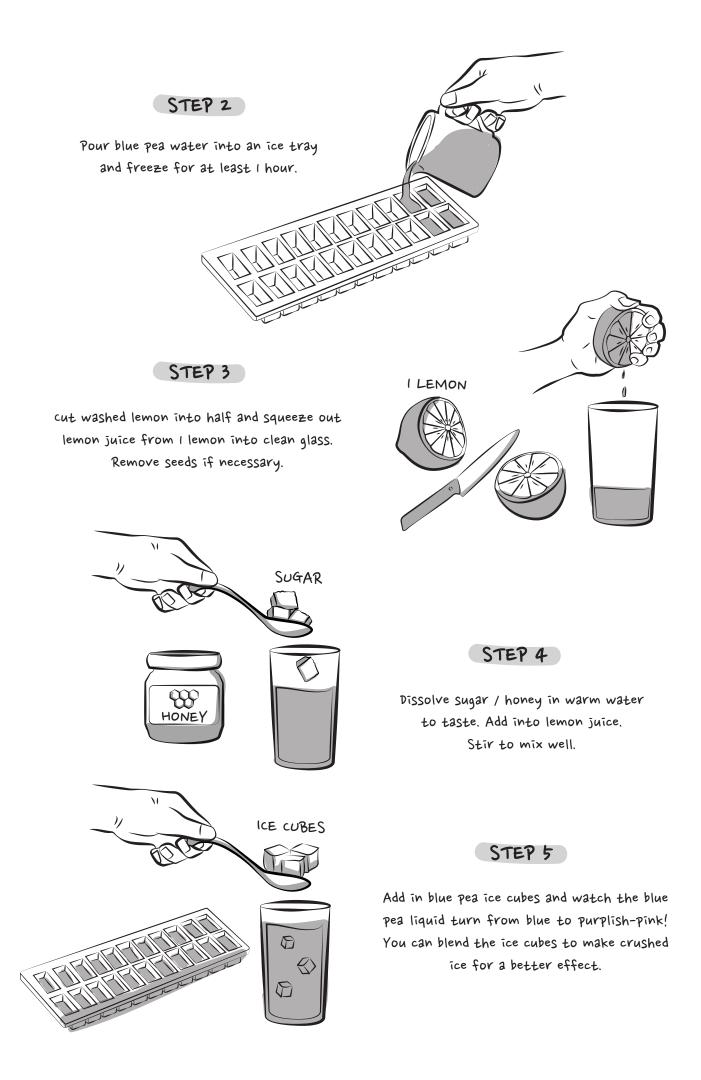
BY VOLVO X FLYING CAPE

Colour changing lemonade uses food grade experiment materials and can be a refreshing drink to boost vitamin c intake and interest in chemistry learning!

MATERIALS

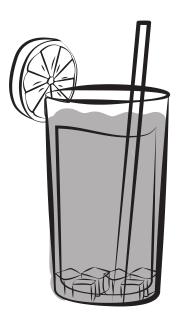
- Dried blue pea flowers
 - cup of hot water
 - clear glass
- 3-4 Tablespoon sugar / Honey
 - Lemon juice from I lemon
 - Ice tray
 - clean spoon
 - Blender (optional)





EXPLANATION:

Butterfly pea flowers contain a super bright blue pigment called anthocyanin. The anthocyanin acts as a base indicator, which means it will change colour as the PH level changes. Lemonade is a drink high in citric acid. When the anthocyanin mixes with the lemonade, its colour will change from blue (basic PH level) to purple or pink (highly acidic PH). The indicator has changed to show a PH Level lower than 7.





EXPERIMENT PICTURE

Source: Image from www.theflavorbender.com/galaxy-color-changing-lemonade-slushie/

Experiment provided by Smart Science Lab