

APPLE OXIDATION

AIM

Our aim was to see what liquid is the best to put on an apple so it will still look normal. Our other aim is to record our answers that we had.

EQUIPMENT

- 3 apples[same type]
- Salt
- Sugar
- Water
- Cola
- Lemon
- Plate
- Timer

METHOD

Firstly, we cut up 3 apples into halves and put in different liquids onto them. The liquids put on the apple were cola, lemon, sugar, water, salt plus nothing for the control. Each half an hour we checked on them and that is where we collected our data.

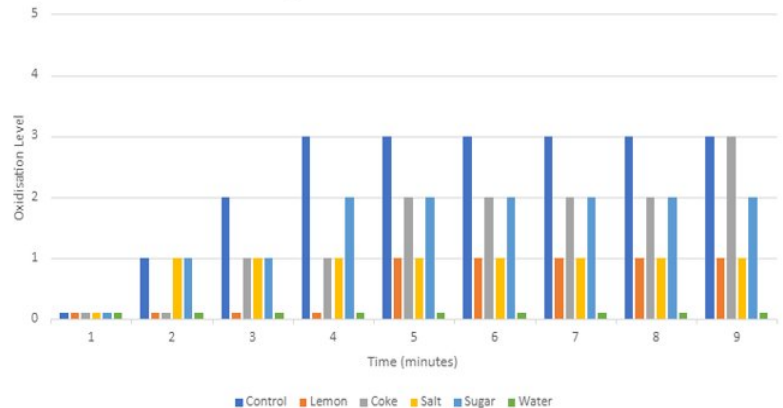
HYPOTHESIS

- We thought that the lemon covered apple would stay normal because lemon has an anti-oxide and the worst two would be water and control .



graph

Apple Oxidisation over time



TIMELINE



CONCLUSION

The control apple browned the fastest out of the six apples as it had nothing added to it. The apple with water stayed the most natural of the six apples. We found this a surprise as we thought that the apple with lemon on it would stay the most natural looking as we believed the antioxidants in the lemon would stop it from browning.