



K/1 HSIE with Mrs Mason

In HSIE we have been looking at "Places We Know." On Monday we went for a walk down the main street, visiting a number of shops and looking at the work being done on the new Police Station house before having a photo taken at the Hall. We learnt quite a few things along the way, including how long Mr Archibald has been at the butchery (approximately 34 years), how long McCartneys have been at the garage (about 21 years) and Jeff has been at the Post Office (17 years)!

Photos: The Hall (above), the Butchery (top right), and at the Post Office(right)!



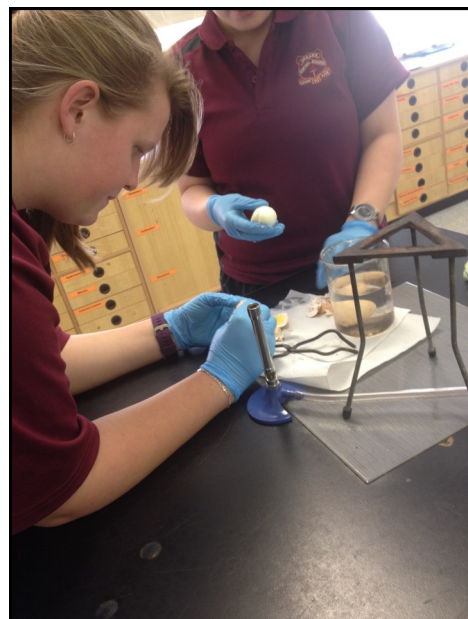
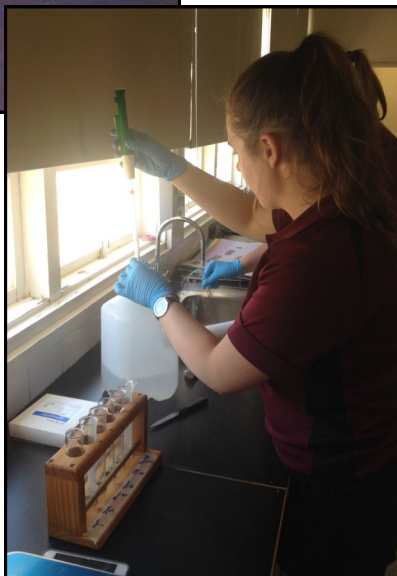
9/10 AG TECH with Mrs Jackson

In Ag tech, the boys have been busily planting seedlings in our tank garden beds, and planting seeds to grow in the shade house to sell on to the community. Mrs Jackson's dad has made us a weather vane, using his forge and engineering skills, to complete our shade house project. The boys have put it up on top and secured it with Jason's help, and it looks terrific (with Shaun Hoskinson, left)!

SENIOR SCIENCE with Mrs Jackson

Year 12 Biology have also had some prac work to complete this fortnight. Sara and Bev planned and performed an investigation into the effect of substrate concentration on the activity of rennin. After an unsuccessful attempt using the enzyme pepsin and egg white, they used milk as the substrate (i.e. the substance an enzyme works on) and rennin as their enzyme, and it worked a treat – curdled milk in a very short amount of time!

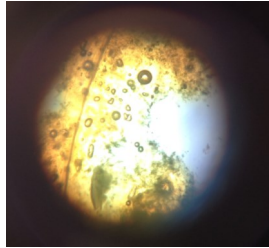
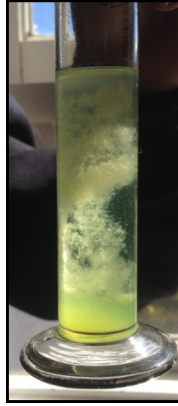
Right : Breanner Roser, Beverley Clarke and Sara O'Connor





SECONDARY SCIENCE with Mrs Jackson

Late last term, 9/10 Science were learning about DNA and it's structure. As part of our learning activities, we used lollies and marshmallows to create a model of a double helix, to represent the structure of DNA – then got to eat our models, which was a nice bonus! We also did an experiment to see if we could extract DNA from dried peas. The clear stringy stuff floating in the measuring cylinder (above, right) is the DNA we successfully extracted, and we took a small sample to see what it looked like under a microscope as well



(photo, right).

Above Right: David Clarke and Shaun Hoskinson.
Left: Margaret Izzard. Right: Mikell Quarman.

This term, 7/8 Science are learning about humans as functioning organisms, so we are looking at how each body system works to keep our bodies working as they should. This week, the most anticipated prac all year was performed – our first dissection! We observed a pigs heart and lungs, separated the organs and began dissecting the heart to have a look at the chambers and blood vessels involved. After we were finished looking at the heart's structures, we moved onto the lungs. We were able to see what happens to the lung tissue when we inflated them using a rubber hose, and learnt that they are not like a balloon... After inflating the lungs, each group had a go at dissecting them, to find out what they look like on the inside – a bit different to how we'd imagined!



Left: Colby Crofts inflating the pig lungs whilst Jackson Benness looks on from a safe distance!

Below: Looks like it's lunchtime! Jack Wason dissects the pig's heart!

