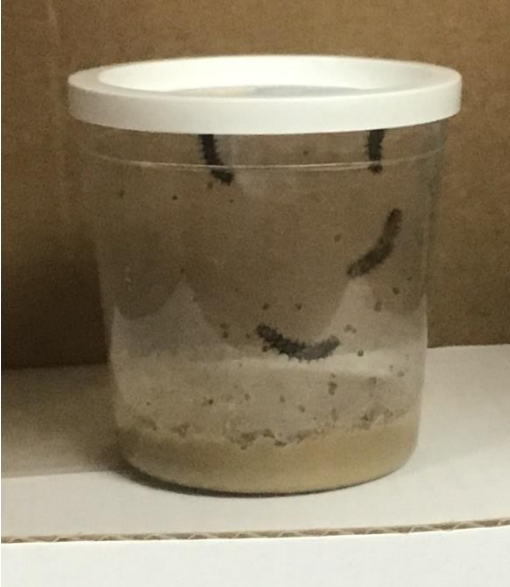


Turquoise Newsletter 30.4.21

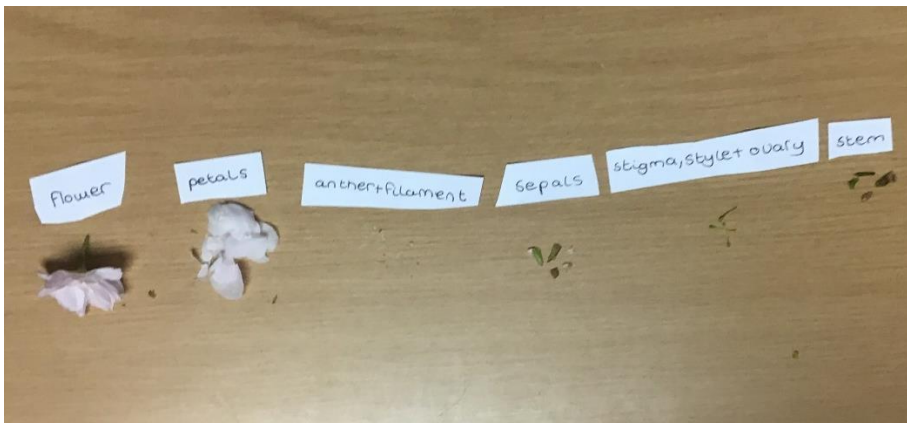
Science – Life Cycles

By Nicole and Mimi



In science we have been doing life cycles. On Wednesday 21 April we got caterpillars. They started off small and now they have grown bigger. It has been a week since we first got them. The caterpillars have been surviving on a food and water gunk which is at the bottom of the cup they are in. You are not allowed to open the lid or the caterpillars will escape. You are also not allowed to shake the cup! We had a look at them with the magnifying glass and the nature viewer. They have to stay in their cup for about 1-2 weeks. They look like they're dead a lot of the time but don't worry they are not. When people are not around the caterpillars move like mad.

We have also been learning about how plants reproduce sexually and asexually. Last week we dissected flowers and learnt about the male part and female part. The male part (the stigma) includes an anther and filament. The female part (the carpel) includes a stigma, style and ovary. The petals on a flower attracts bees and other insects, then they drink the nectar and some pollen sticks onto its body.



There are different parts of a flower like there are different parts of a human there is some relation. The ovary is where the flower keeps its seeds so it's like a mother's womb, the stigma is where Bees drop the pollen from another flower sticks like a body, the filament holds the pollen up like an arm, the anther also holds the pollen up as well like a hand, the stem holds the whole flower up like legs and the petals around the flower is like clothes.

We have also been planting Golden Wonder potatoes.



We're hoping to get lots of potato clones to make crisps with. We had to cut open recyclable plastic bottles and put holes in the bottom. Then we had to fill the bottom of the bottle with rocks to help the drainage. Next we filled it with soil and planted the potatoes in the pot, then filled it up with some more soil then we watered them.



Mr Weinberger got some cuttings from the fruit trees outside the front of the school. We took them, cut the top off and the bottom leaves off. We then dipped it in rooting powder and put it in a small pot with soil. The cuttings had to have a 45 degree angle at the end of the cutting. Hopefully they'll grow into clones of the school apple and pear trees.

The parent potato sends off tubers in the soil then they grow into identified copies of the parent, this is called asexual reproduction. Asexual means that there is only one parent not two and that one parent reproduces clones. Strawberry's reproduce asexually just like potatoes. The parent strawberry sends out a runner then it grows into a plant and flowers eventually form into strawberries.



Maths - algebra

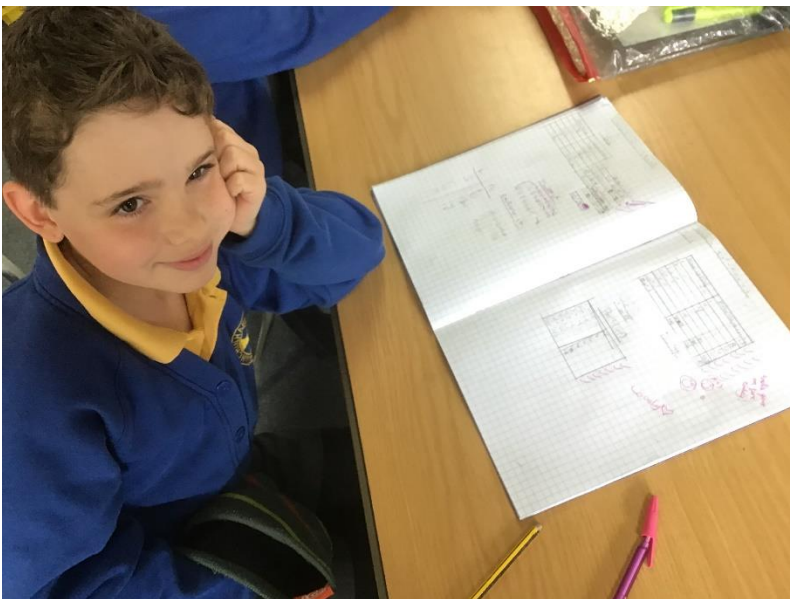
In maths we have been learning algebra. Some of the Year 6s became teachers to help their groups to find the nth term.



Seb: You should let Cora be the teacher for a day – she's brilliant!

Poppy: Iris can multi-task.

Joseph: How can you bear to be a teacher?



Amelie (above): I enjoyed this maths lesson!

And here is a link to a video of Lizzie explaining how to find the n th term in an 'Explore' maths challenge:

<https://photos.app.goo.gl/wdLSzqeYxQ1rrh1q6>

DT

We've also been practising sewing skills by making a bookmark using running and back stitches. Next stop sock toys!

