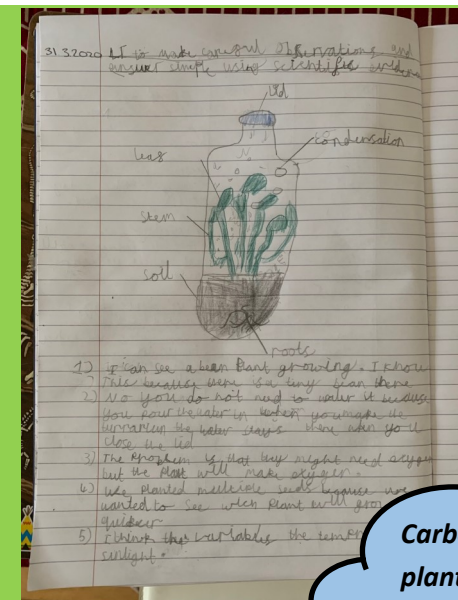
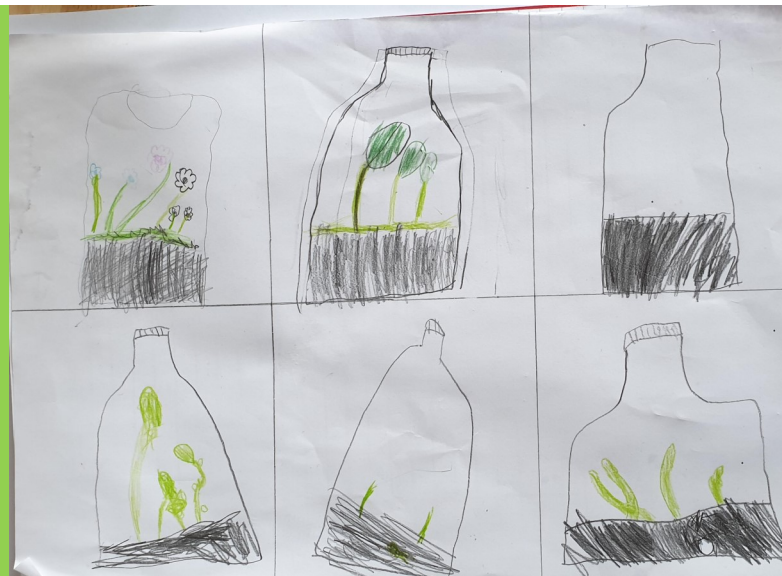




At school all the terrariums were kept under the same conditions. Now they are in different people's homes. What variables have changed?

Hugo

1. I think it is a bean plant. Because the bean seed is near the soil and the roots are closer to the soil.
2. Yes, because it can not live without water to grow.
3. Yes, because the lid needs to be taken away, or holes made on the side of the plastic bottle. Leaves need sunlight. Roots require water and nutrients.
4. Because we wanted to see the seed germinating at the same time.
5. Different heating temperatures, light conditions and moisture.



Carbon dioxide is needed for plants to create their own energy. Can you foresee a problem with our terrariums?

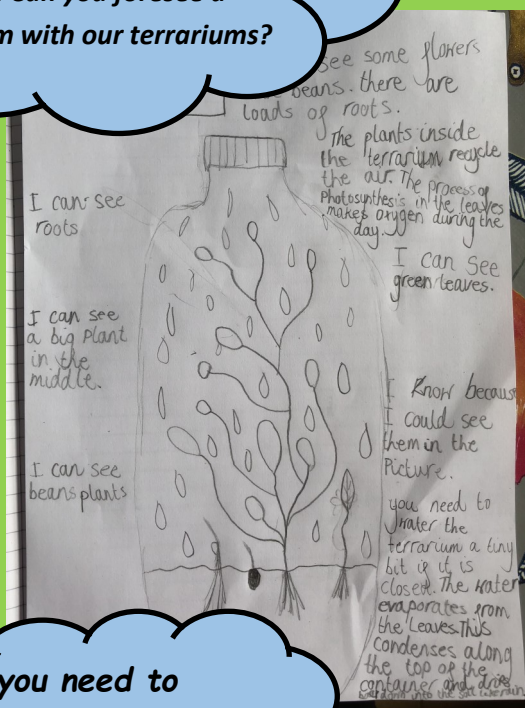
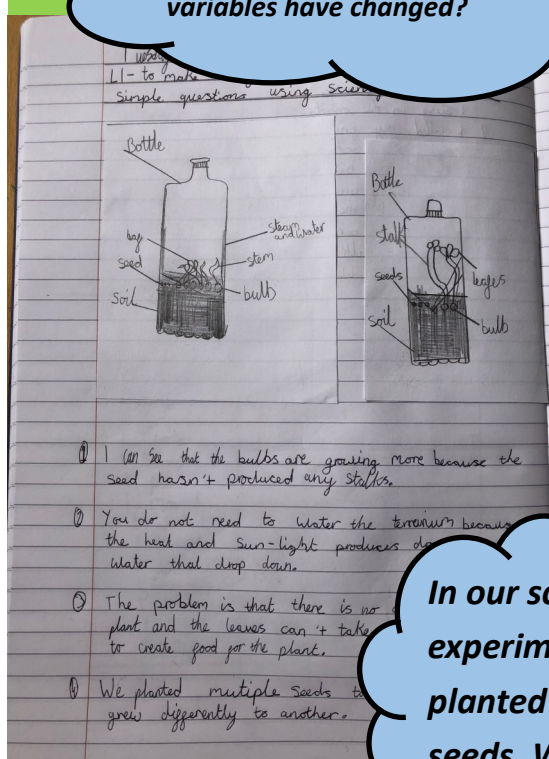


When we were still in school, we planted seeds and bulbs in groups within our homemade terrariums. Fortunately, some of us have taken the terrariums home and we have been able to watch their growth as a class.

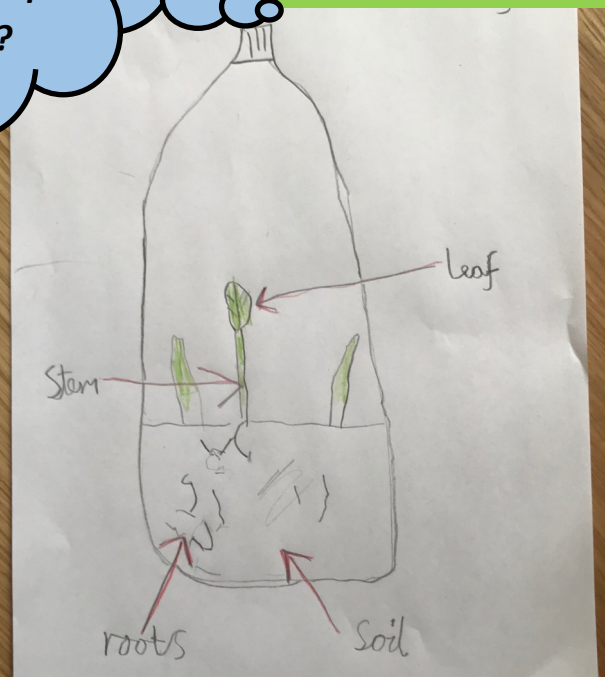
We have been continuing to work scientifically by carefully recording our observations charting the different plants' growth. Interestingly, one of the terrariums appears to have nothing growing within it. Assuming that we did actually plant something in this terrarium (a possible example of human error!), this terrarium has demonstrated the importance of planting multiple seeds / bulbs in the garden, or science experiments, to account for anomalies (results happening that we didn't expect!).

Displayed here is a selection of our work at home where we have continued to make careful observational drawings and use our scientific knowledge about the function of different parts of the plant to answer questions.

In our science experiment we planted multiple seeds. Why?



Do you need to water the terrarium? Explain.



Tuesday 31st March 2020

Write make careful observations and answer simple questions using scientific evidence.

- 1.) I think the bulb because in the pictures it looks like the bulb is near to the long stalks.
- 2.) Yes, they do need water. Every plant needs an amount of water to live. Even cactuses.
- 3.) The lid blocks air from coming into the terrarium and also a plant needs space because the more plants there are in the terrarium the more air they take up.
- 4.) We wanted to see the effect of it if we put two plants (plants from seeds and plants from bulbs) at the same time. Because a plant needs its own space.
- 5.) Some of the variables that have changed are different amounts of sunlight, whether it's kept inside or outside, different amounts of water and different room temperatures.

