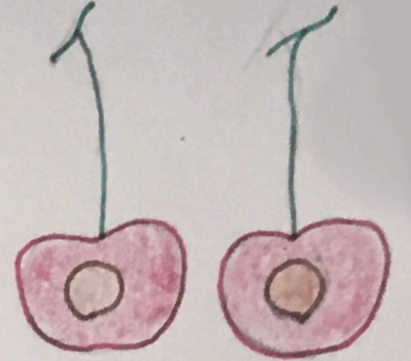
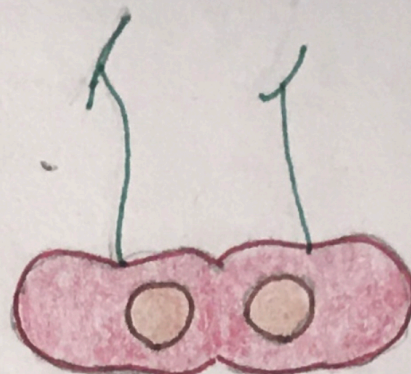
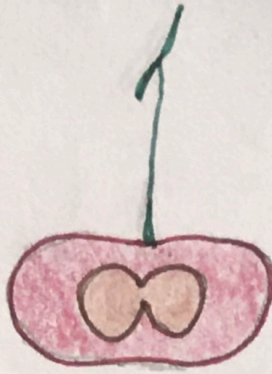
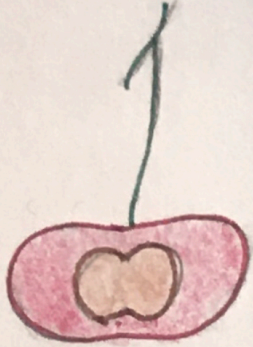


## Binary fission - Cherry



the image is showing a normal whole cherry that has already duplicated the dna information. the cherry represents a parent cell

the image is showing that the cherry is starting the process of binary fission, the seed represents the chromosome splitting.

In the third and fourth frame is just more progress of splitting

it is showing the finished result of binary fission, the two cherries are the daughter cells.

## Budding - Pudding

it's just a regular pudding.

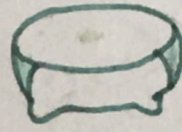
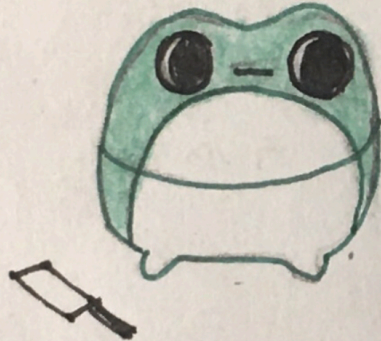
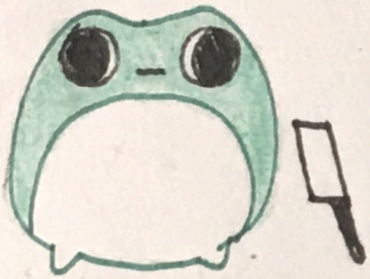


In the second to the fourth frame the cells in the pudding is repeating mitosis over and over again, forming a bud that is gradually getting bigger.

the bud detaches from the parent.

## Fragmentation - Frog

it shows a normal frog with a knife beside it, the knife is about to cut the frog in half.



In the second and third frame, the frog is cut in half but luckily it has enough of the parent frog's gene information.

the cells in the frog are performing mitosis over and over again, replicating what the frog was before it was cut.

the halves have become whole, so now there are two frogs.

## Vegetative reproduction - Octopus

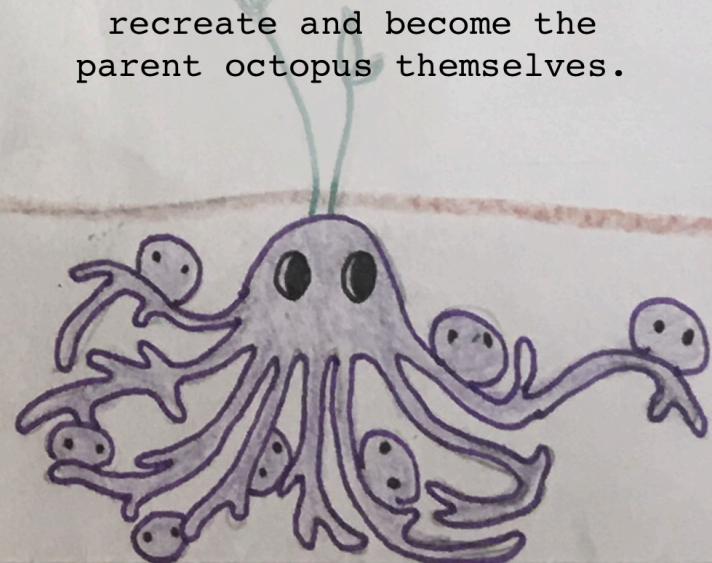
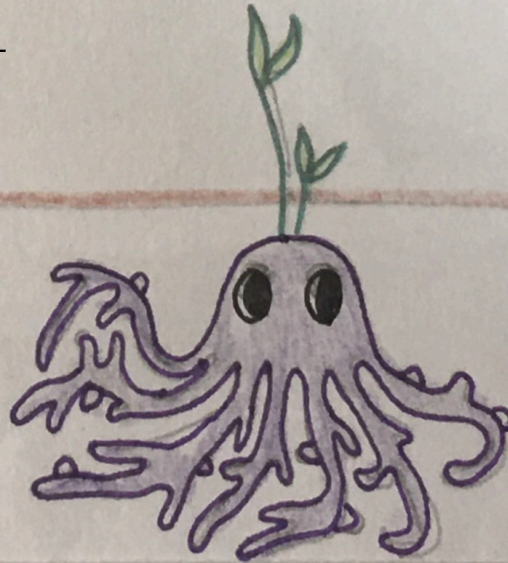
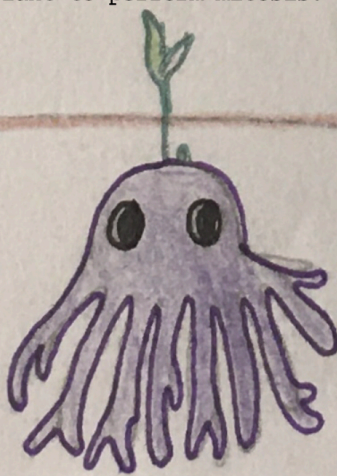
the octopus with an eye is being placed in the soil.

the roots (tentacles) are growing and the eye has sprouted.

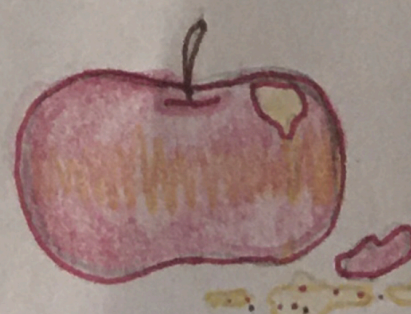
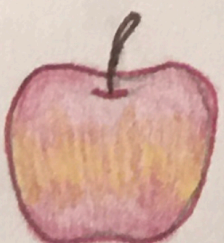
the octopus now grew bigger, and has another eye. the chloroplast in the cells of the octopus is conducting photosynthesis and providing food for the octopus-plant to perform mitosis.

the roots are starting to bud and grow replicas of the parent octopus.

the octopi on the roots are grown to be replicas of the original octopus, when they grow big enough they will be able to be planted and recreate and become the parent octopus themselves.



## Spore reproduction - Apple



it's just a regular apple containing spores in the apple juice.

an animal steps on the apple, there is a small chunk of the apple torn out.

In the third and fourth frame the juice flows out from the torn chunk.

In the fourth frame the spores in the apple juice is slowly performing mitosis and growing.

the little spores have grown into tiny apples and they also contain spores to reproduce.