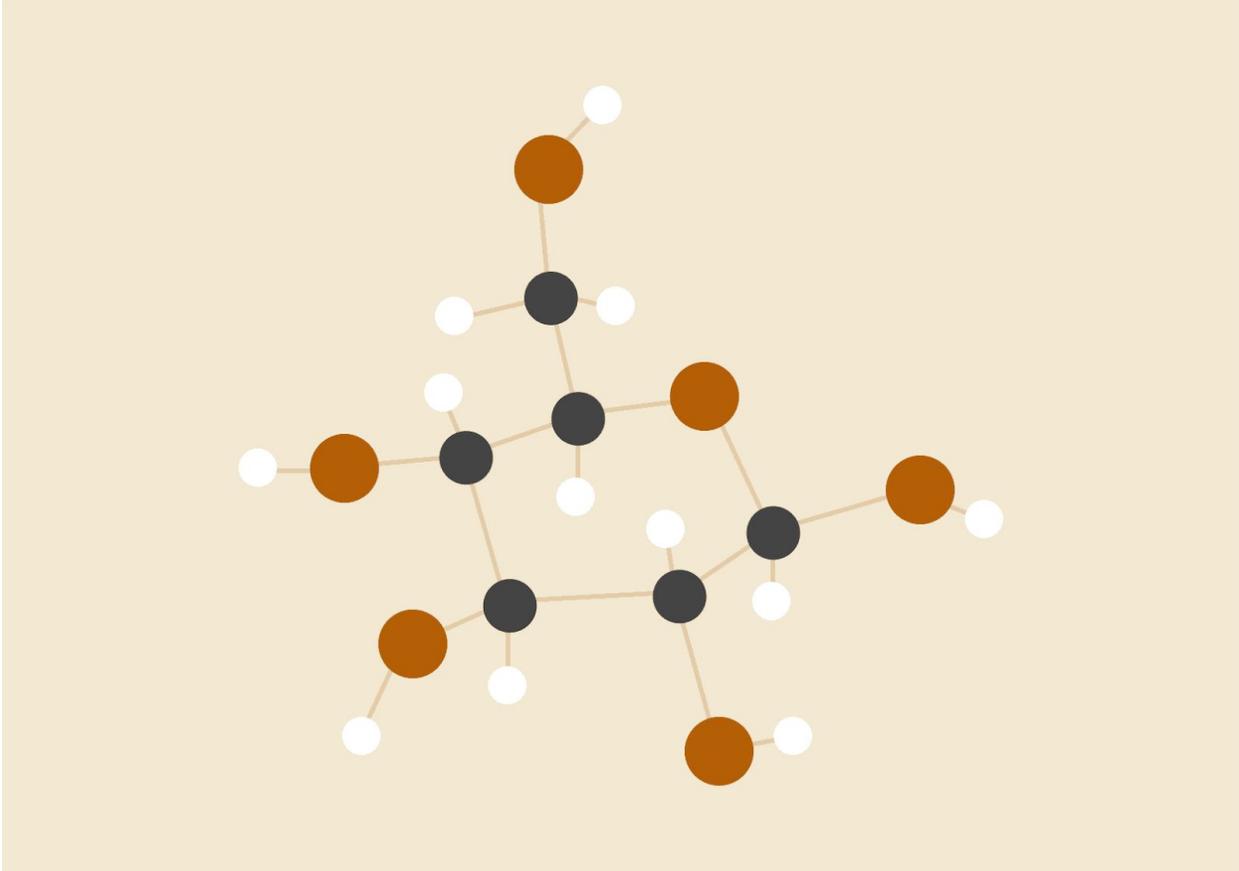


# SCIENCE LAB REPORT

*In science, all things are discovered and known.*



**Wonderful Scientist**

03.09.2017

6<sup>TH</sup> GRADE SCIENCE

## PURPOSE

To prove that you can see cells in all living things.

## MATERIALS

1. Microscope
2. Carrot root slide
3. Coffee slide
4. Tea slide
5. Cola slide

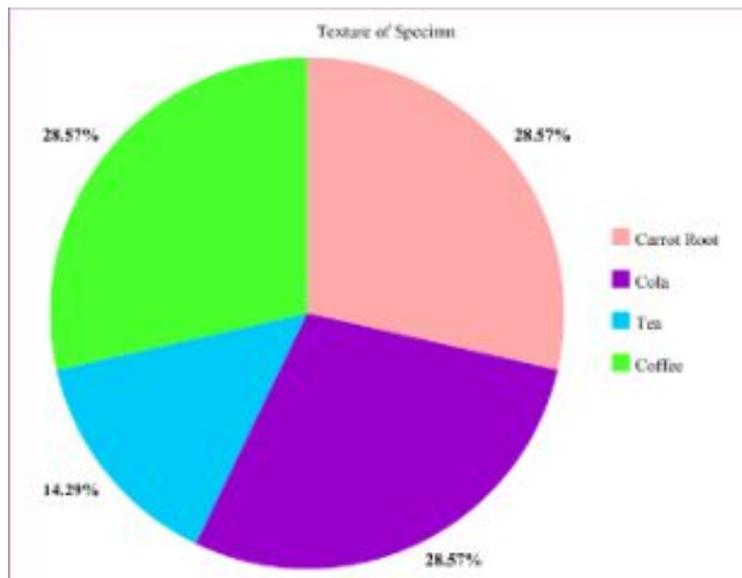
## PROCEDURE

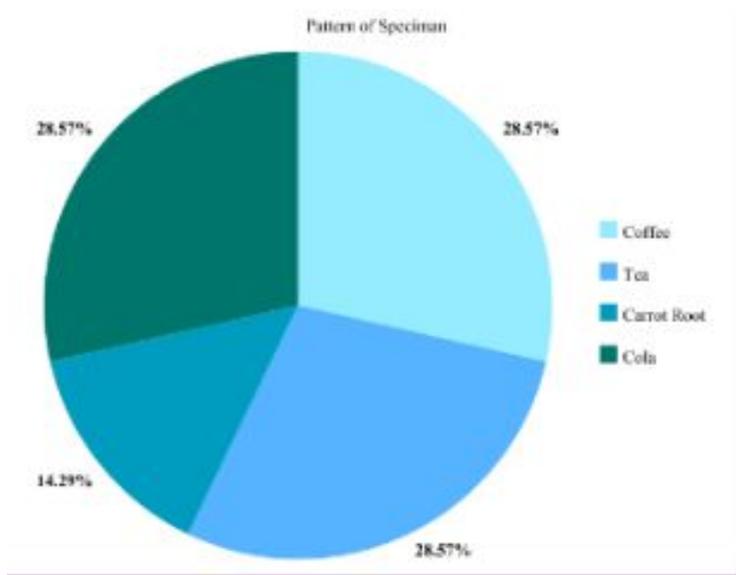
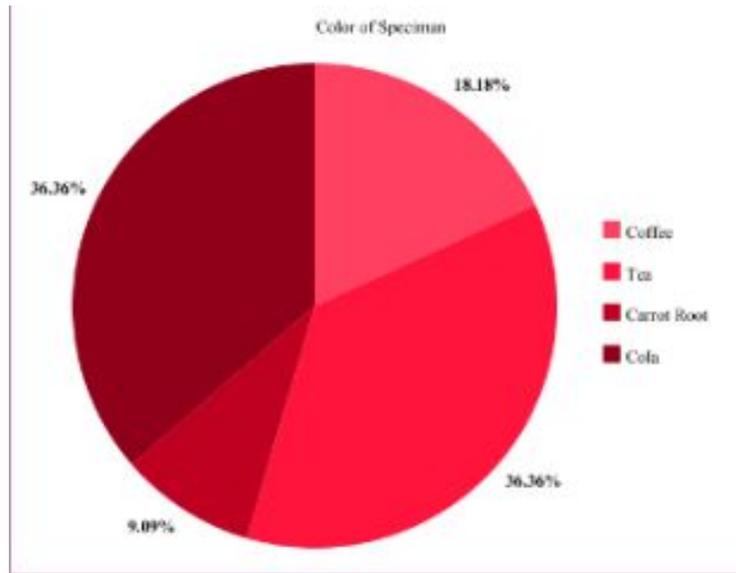
1. Get the microscope
2. Line up the power cord to the outlet on the wall
3. Plug in the cord
4. Turn on the power switch located at base of microscope
5. Set the coarse adjustment to move down the stage or the body tube up
6. Set your slide up on the stage
7. Pull up the stage clips and put your slide under them
8. Now put your stage clips over the slide so the slide can not move
9. Focus the microscope until you can see your slide to your eyesight
10. If you don't see anything bring up the stage by using the coarse adjustment knob
11. if your slide is blurry use the fine adjustment knob to make it clear
12. Make sure your diaphragm is set at 4
13. Conduct all your data for your investigation
14. Now if you would like to use more slides repeat steps 5-13
15. Now turn down your coarse adjustment knob till its lowest point you will see the stage
16. Make sure your stage is closest to the base of the microscope using the coarse adjustment knob
17. Lift up the stage clips to remove your slide
18. Turn off your light source using the power switch by the base of
19. Unplug your microscope

## DATA

	Coffee	Tea	Cola	Carrot root
<b>Texture</b>	Smooth	Rough, bumpy	Smooth	Smooth
<b>Color</b>	Dark Red with a few specks of brown	Black	Light brown	Pink, red, brown, black
<b>Pattern</b>	Squares	Lots of dots	Scattered dots	One big circle inside the whole thing

## GRAPHS





## CONCLUSION

You can see cells in all living things. Such as, a carrot root slide. In the carrot root you can see little round circles inside of one big circle. The outside circle represents the cell wall. We might of even seen a nucleus. The cells in the carrot root create tissue that then creates the root of the carrot. Then from the root it creates the whole plant. From that the carrot root is created. In conclusion, all cells have living things in them. You might not always see them but, they are always there.

## REFERENCES

<https://discoveringmonsters.wikispaces.com/1-+Cells%2C+Tissues%2C+Organs%2C+Organ+Systems>

<https://nces.ed.gov/nceskids/createagraph/>

<https://image.slidesharecdn.com/05plantcellstissuesandorgans-131023085614-phpapp01/95/05-plant-cells-tissues-and-organs-1-638.jpg?cb=1382518652>

<https://www.brainpop.com/games/virtuallabsusingthemicroscope/>

<https://s-media-cache-ak0.pinimg.com/originals/f5/5e/49/f55e49a980c4455bea7fefe1b207ba10.png>