

Water and oil get together with  
sugar  
K44

# PURPOSE & HYPOTHESIS

To find out what happens when water and oil get together

My hypothesis is the oil will dissolve

# RESEARCH

We lookd at you toub videos it whas abaot water and oil.

# MATERIALS

Mayson jar

4 drops of blue food coloring.

30 G bruon sugar.

30 G oleve oil.

175 G water.

# EXPERIMENT

4 drops of food coloring we put the food coloring in a mayson jar weth water.

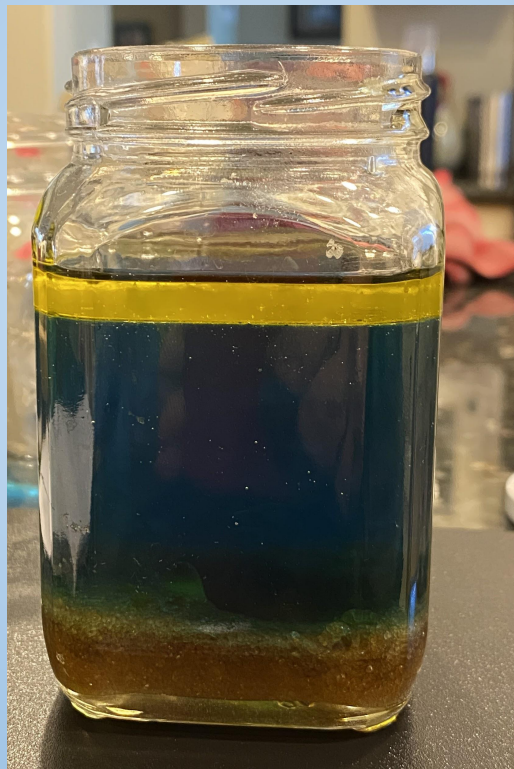
30 G sugar we put the sugar in mayson jar.

30 G oil in the jar

shake the water in the jar.

Wait for 30 minutes.

# PHOTOS



# ANALYSIS

shake the water the water turned green.

the sugar dissolved.

Wait for 30 minutes. The oil went to the top. The oil did not dissolve.

# CONCLUSION

My hypothesis was not correct the water and the oil was still there. Oil floats because the oil has less density than water.



# REAL WORLD CONNECTION

I can sink in the pool because I have way more density than water.

# WORKS CITED

<https://funlearningforkids.com/oil-water-science-exploration/>

<https://www.youtube.com/watch?v=vSXTBnnx4OA>

<https://www.youtube.com/watch?v=XzZ8hbK6L-M>