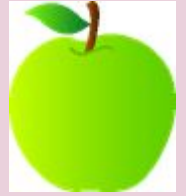




I love fresh apples

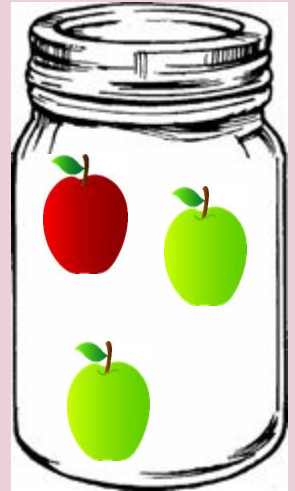


# PURPOSE & HYPOTHESIS



**My question:** I love fresh apples so I want to know which apples preserve better. Apples in a jar, apples in a jar with water, apples in jar with vinegar, or apples in a jar with oil. [Apples in a jar is the control.](#)

**My hypothesis:** I think the apples that are in the jar with water will preserve better.



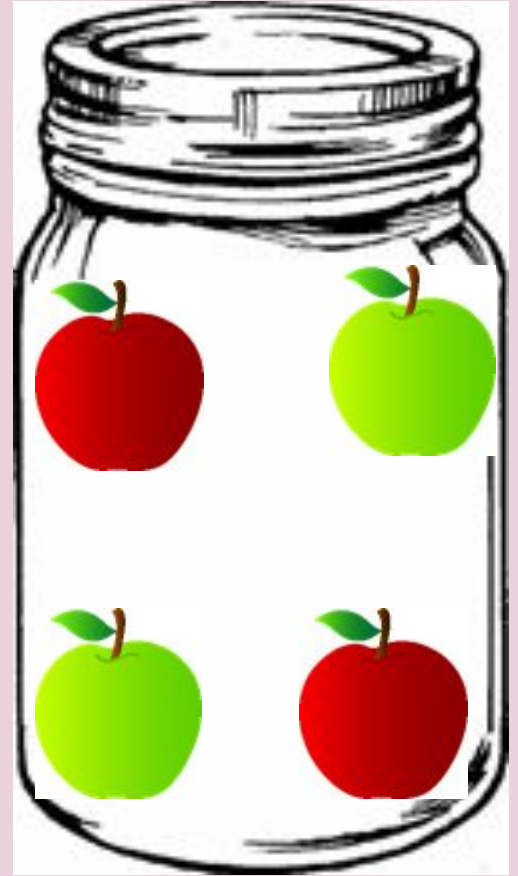
# RESEARCH

[www.sciencekids.com](http://www.sciencekids.com)

[www.sciencebuddies.com](http://www.sciencebuddies.com)

[www.weareteachers.com](http://www.weareteachers.com)

BrainPop Jr



# EXPERIMENT

First I will put three apple slices in a jar.  
This is the control.



I will record the result so I know  
what apples are good and which  
are not good

Second I will put three apple slices in a jar  
with water.



The best apples will get a very  
happy face. This face is green.



Third I will put three apple slices in a jar  
with vinegar.



The good apples will get a happy  
face. This face is yellow.

Last I will put three apple slices in a jar with  
oil.



The not so good apples will get a  
face. This face is orange.

Every 5 days I will take the apples out and  
see the apples. I will see which apples look  
good and which apples do not look good. I  
will do this for 15 days.



The bad apples will get a sad face.  
This face is red.



# MATERIALS

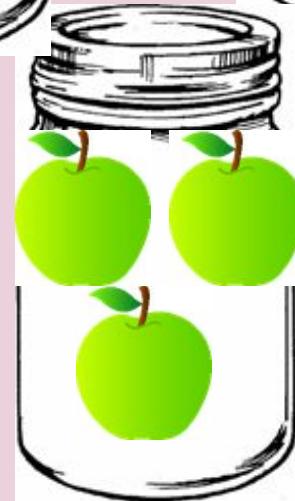
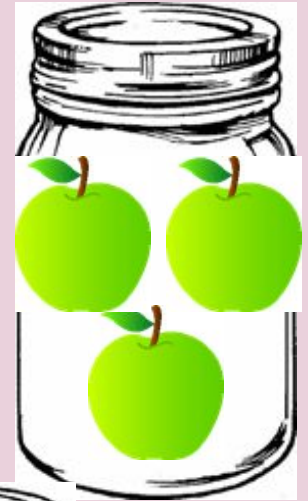
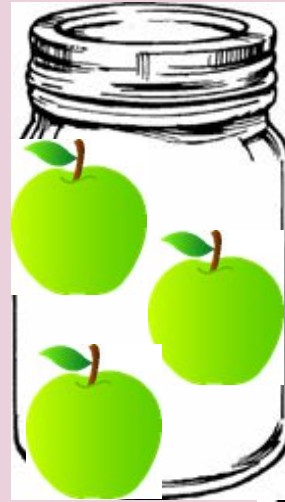
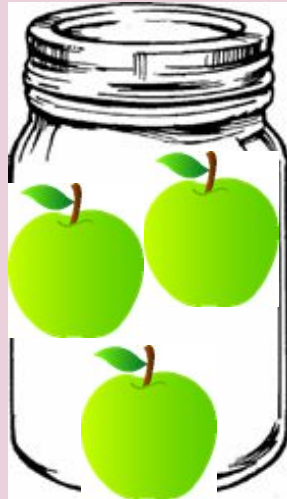
4 jars

12 apple slices

2 cups of water

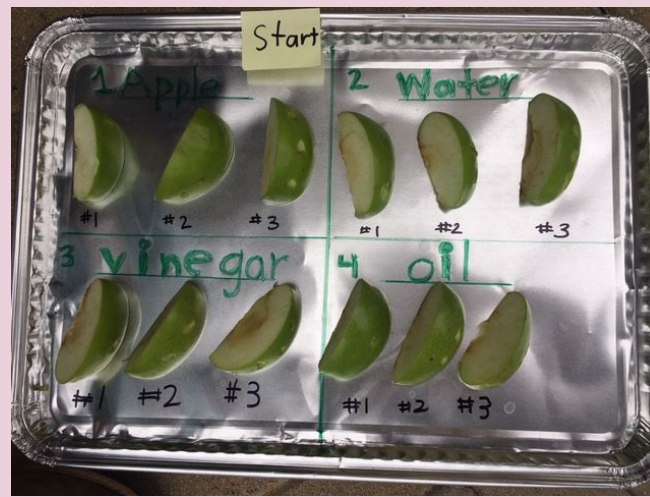
2 cups of vinegar

2 caps of oil



# PHOTOS

Pictures of Day 1



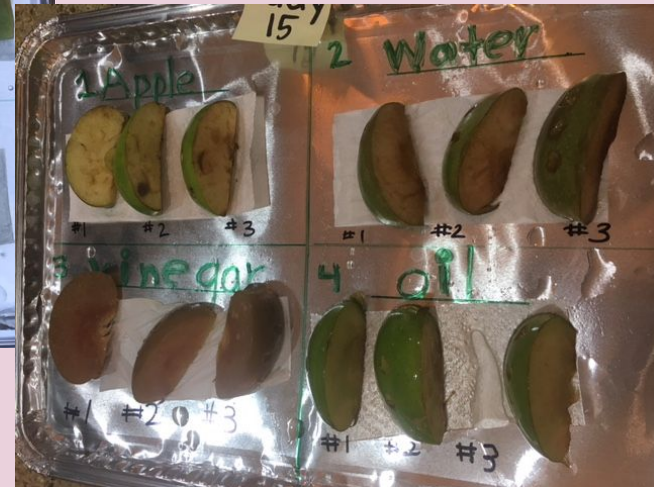
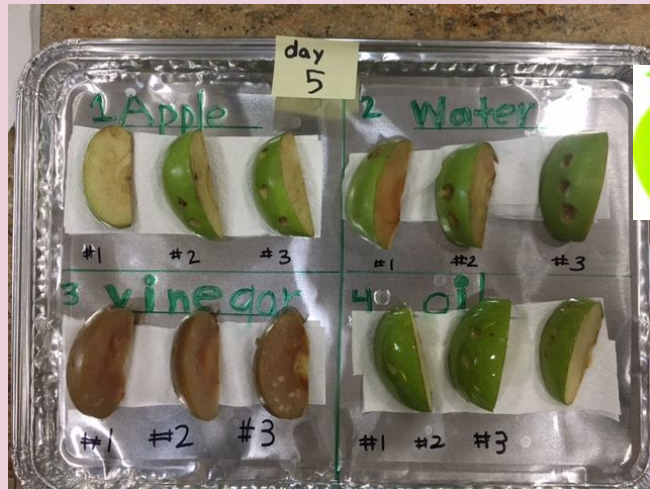
This is a pictures of the apples I cut.

I took pictures. These are pictures of the apples in the jars.





# PHOTOS



I looked at the apples on day 5 and day 10 and also on day 15. I took pictures to see the apples.

# ANALYSIS

The **best** apples will get a very happy face. This face is green.

The **good** apples will get a happy face. This face is yellow.

The **not so good** apples will get a face. This face is orange.

The **bad** apples will get a sad face. This face is red.

Group 1 - Apples			
	Apple Slice 1	Apple Slice 2	Apple Slice 3
Start			
Day 5			
Day 10			
Day 15			

Group 2 - Apples in Water			
	Apple Slice 1	Apple Slice 2	Apple Slice 3
Start			
Day 5			
Day 10			
Day 15			

The apple looks very good

The apple looks good

The apple looks not too good

The apple looks bad

Group 3 - Apples in Vinegar			
	Apple Slice 1	Apple Slice 2	Apple Slice 3
Start			
Day 5			
Day 10			
Day 15			

Group 4 - Apples in Oil			
	Apple Slice 1	Apple Slice 2	Apple Slice 3
Start			
Day 5			
Day 10			
Day 15			

The apples in oil won. The apples in oil got the most green happy faces.



# CONCLUSION



Was my hypothesis proven?

No my hypothesis was not proven. It was not proven because the apples in water were not the best



Why?



Why does oil preserve apples better?

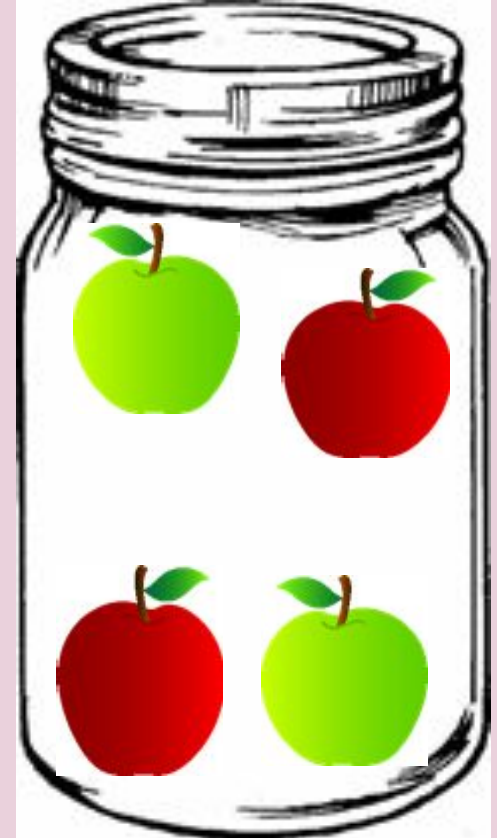
**oil is** a natural ingredient to keep food from rotting.



# REAL WORLD CONNECTION



I did this experiment to know how to keep apples fresh and better because i **love** apples.



# WORKS CITED

[www.oliveoilsource.com](http://www.oliveoilsource.com)

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