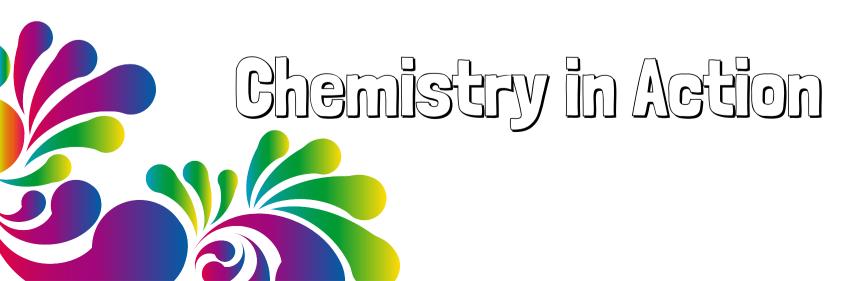
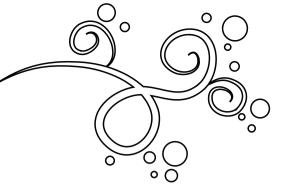
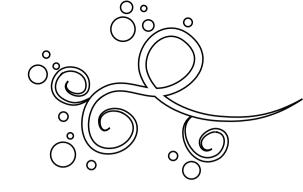


Presents







Milk art happens when the fat in milk reacts with the soap. The soap traps all the fat causing the colors to swirl as the fat separates from water. The more fat a milk has, the longer it will take for the swirling to stop!

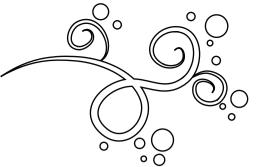
In this experiment, you are going to explore which types of milk contain the most fat using milk art!

Myhypothesis

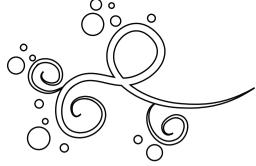
Whole/ 2% / skim milk has the most fat. Whole/ 2% / skim milk has the least fat.

Material Exploration:

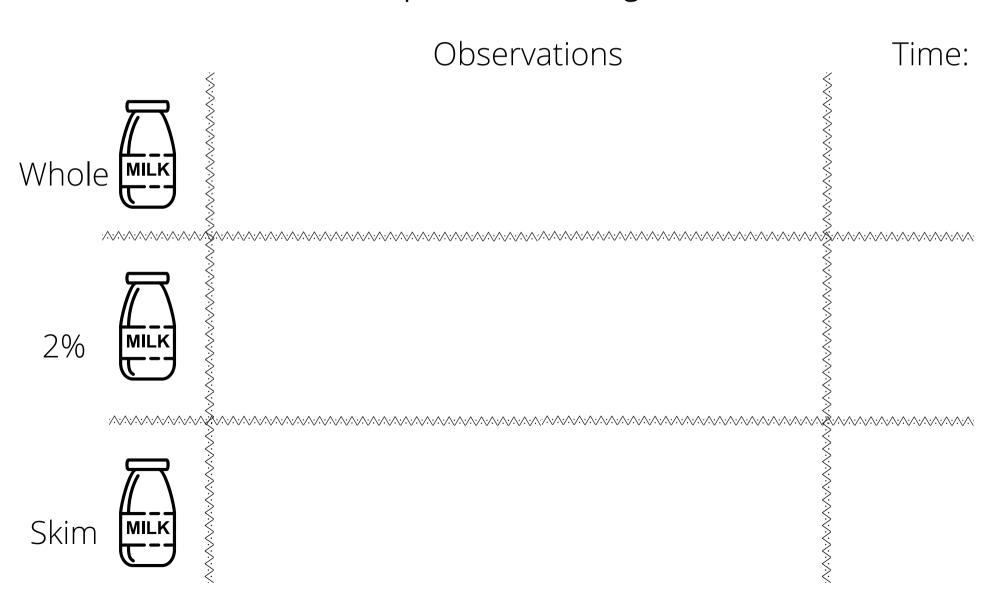
I Smell... I See... l Taste... I Feel...





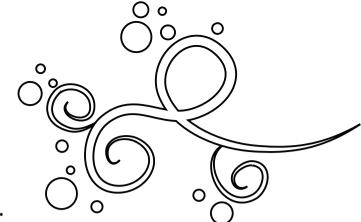


Milk • Dish Soap • Food Coloring • Cotton Swabs



Myeonetreions

Whole/ 2% / skim milk has the most fat. Whole/ 2% / skim milk has the least fat.

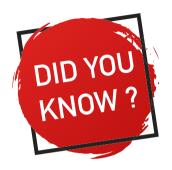


[Denned]

Milk art happens when	fat reacts with
The soap traps all the	causing the colors to swirl
and make art. Because the	milk took the longest to
stop swirling, I know it has the	fat.

Word Bank:	milk	soap		whole	2%
		skim	most		least

Science Extension!

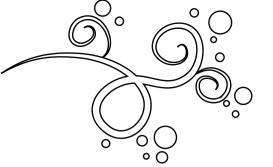


There are many types of milk. Each type contains different amounts of nutrients, including fats! Try this experiment again comparing the effects of soap on almond milk, coconut milk, and oat milk.

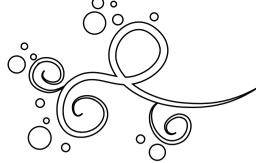
Can you figure out which milk has the highest and lowest fat content using milk art?

Myhypothesis

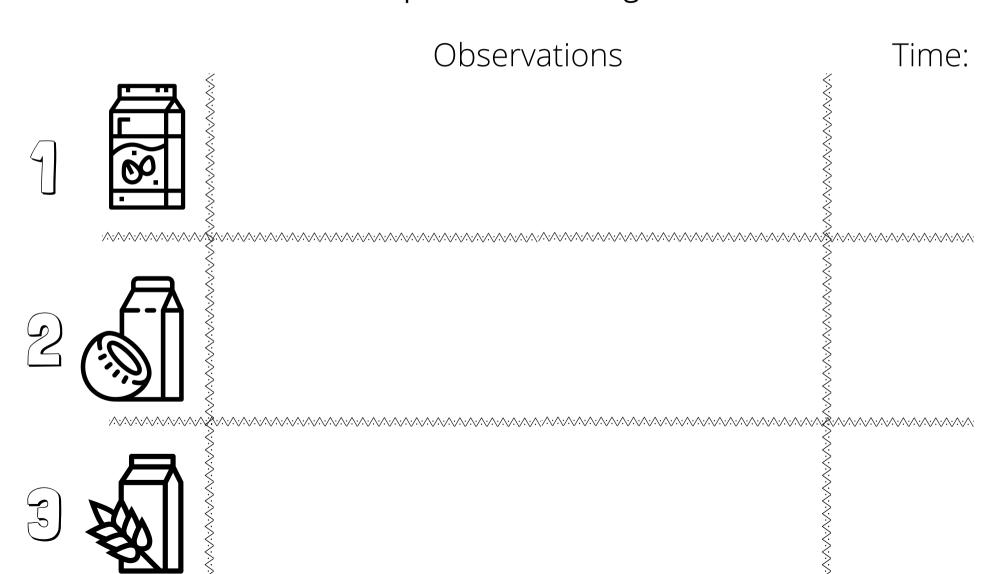
I think almond/coconut/oat milk will have the most fat. I think almond/coconut/oat milk will have the least fat.



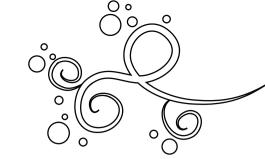




Milk • Dish Soap • Food Coloring • Cotton Swabs



Myeonetreions



I found almond/coconut/oat milk has the most fat. I found almond/coconut/oat milk has the least fat.

[] Service

This experiment can be done with many types of **milks/ sodas**. Milks have different amounts of **fats/ proteins**. The amount of fat a milk has changes how much the soap **reacts/ dances** with it.

STEM-SparkStumper

Try this experiment with hot, room-temperature, and cold milk.

I predict hot/room-temperature/cold will react the fastest/ slowest.

Hot/room-temperature/cold reacted the fastest/ slowest.