



Which Popcorn Kernels Pop Better?

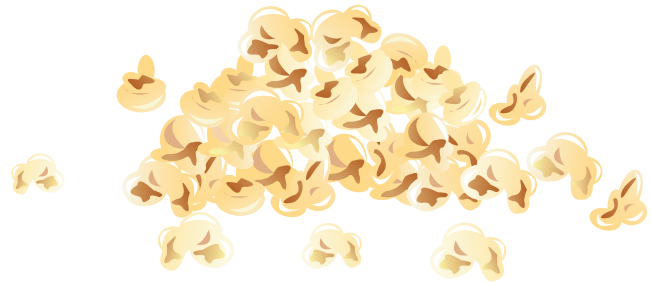
Problem

Are white or yellow popcorn kernels pop better?

Hypothesis

Materials

- Plenty of white and yellow popcorn kernels
- Pan
- Stove
- Bowl
- Tablespoon
- Large measuring jug
- 30 ml. oil



Steps

- Count out 100 kernels of yellow popcorn and heat them in the pan.
- Stop when you can't hear them popping anymore.
- Let the kernels cool down and then count the number of popped kernels.
- Record the number in the observation sheet as a percentage.
- Put the popped corn into the measuring jug and check the volume in ml.
- Record this in the observation sheet.
- Repeat the above steps two more times for the yellow kernel and thrice for the white kernels.



Observations

	NUMBER OF POPPED KERNELS (%)		VOLUME OF POPCORN (cm3)	
	White	Yellow	White	Yellow
TRIAL 1				
TRIAL 2				
TRIAL 3				
AVERAGE				

Conclusion

Is your hypothesis true or false? How do you know?