

Effects on Various Properties Due to IMFs

Task	Description	Property	Observations	Conclusions – which had more IMFs and which had fewer IMFs? Why do you think this?
#1 Hot Plate Round 1	Put a few drops of water on the hot plate. Put the same number of drops of alcohol on the hot plate. Turn the hot plate on and see which disappears first.			
#2 Pennies	Count how many drops of water you can get on a penny. Count how many drops of oil you can get on a penny.			
#3 Color Mixing	Small beaker #1: water and one drop of food coloring Small beaker #2: alcohol. <u>Small beaker #3: oil</u> 1 st – pour #1 into #2 2 nd – Refill #1 3 rd – pour #1 into #3 4 th – clean all beakers			
#4 Cookie Sheet Race	Put cookie sheet flat. Put a quarter size amount of ketchup on the starting line, and a quarter size amount of oil on the starting line. Tip the cookie sheet to see which substance wins the race			
#5 Hot Plate Round 2	Put a piece of wax on the hot plate and a scoop of salt on the hot plate. Turn the hot plate on and see which melts.			

Argument from Evidence: write an argument from evidence that explains what happens to the effects on the properties as IMFs change