Homework: Study for Quiz Thursday
As you enter...
What does it mean for a solute to dissolve in a substance? What are the particles doing as they mix?

NaCl

$<2$
Note: Hand in Table G HW to bin

Big Idea: Matter is made up of particles whose properties determine the observable characteristics of matter and its reactivity.


## 3rd/4th period

- Solutions and Solubility Stations (60 min)
- Stations Recap (15 min)
- Exit Tix (5 min)
*You do not need to hand this packet in.
*Your first two stations will be checked for completeness and accuracy at the half way mark. Your last two stations will be checked just before the end of the block.

1. What is solubility?

2. In terms of polarity, how can you determine if two substances will form a solution before actually mixing them? polar us nonpdar

nonpolar t polar ${ }^{*}$ solution/insoluble
nonpolar + nonpolar $=$ solution/soluble
Ionic + nonpolar $\neq$ solution
'LIKe dissolves
Polar
asymmetrical




Six out the door


## Final Project for Solutions Unit (worth test grade)

- Look over the 6 experiment options and sign your name to one that you would be most interested in exploring and presenting for your project.
- Groups will be made based on interest and max out at 4 people.
- You will have class time to perform the experiment and then you will conduct a poster presentation of your group project right after February Recess.

Before the end of the period, once you have made your decision, read over the appropriate guidelines with your group and agree on group roles with your initials.

Learning Target: I can apply my understanding of polarity to predict solution formation.
Homework: Study for Quiz tomorrow


Circle the two substances most likely to form a solution.

Big Idea: Matter is made up of particles whose properties determine the observable characteristics of matter and its reactivity.


## 3rd period

- Solutions, or nah?? (15 min)
- Lab 14 [revisited]: Solutions and Dilutions (30 min)
th period
- Develop Procedures for Final Project (40 min)
- Exit Tex (10 min)
--Work as a team to write out a detailed procedure for your group project. Visualize in your head how every step will be played out.
--Use your guidelines and rubric to make sure everything is included.
--Be sure to number each step.
--Be sure that every member is being held accountable for their role and that all members are participating equally.


Six out the door


Write the names of present group members on the paper.
Write a detailed list of every single piece of equipment and material that you will need to carry out your experiment over the next two days.

$$
\rightarrow \frac{M M}{K}+\operatorname{CuSO}_{4} \underbrace{B} \underbrace{C M_{m L}}
$$

(1). 050.2
(2)

$$
\begin{aligned}
& M=\frac{\mathrm{mol}}{L} \\
& \text { (3) } \mathrm{mol}=\frac{\text { mass }}{x^{9^{f m}}} \\
& 1=\frac{x}{.05} \\
& x=89 \\
& k=0.05 \mathrm{~mol}
\end{aligned}
$$

Thursday, February 12th, 2015
Learning Target: I can collaboratively develop a detailed
$\$$ procedure for my experiment
Homework: Finish and hand in missing labs
As you enter... Write out the question or rephrase it.
Prepare for your quiz...

- You will need a calculator, a pen/pencil, and your reference tables.
- You will have 20 minutes to complete the quiz.
- NEW QUIZ POLICX: You mayretake a quiz ONCE during your lunch or after school.

Big Idea: Matter is made up of particles whose properties determine the observable characteristics of matter and its reactivity.

3rd period

- Solutions Quiz (20 min)
- Write up procedures and equipment list to be handed in ( 25 min )

Friday, 3rd period

- Black History Month Assembly (meet here for
attendance)
Friday, 4th period
- Conduct experiments ( 45 min )

When you finish the quiz...
--Work as a team to write out a detailed procedure for your group project. Visualize in your head how every step will be played out.
--Use your guidelines and rubric to make sure everything is included.
--Be sure to number each step.
--Be sure that every member is being held accountable for their role and that all members are participating equally.

## Tix out the door



Write the names of present group members on the paper.
Write a detailed list of every single piece of equipment and material that you will need to carry out your experiment over the next two days.

