Chemical reaction lab

Materials:

 K_3PO_4 $Co(NO_3)_2$ KOH $Pb(NO_3)_2$ KI $CuSO_4$ $K_2C_2O_4$ $Fe(NO_3)_3$

2 Well plates

Procedure:

- 1. Obtain 2 well plates
- 2. Place 6 drops of each chemical into the corresponding well.
- 3. Record your observations in your observation table.
 - *Hold the well plate up and look in the bottom of each well for a precipitate.
 - *IF there was no reaction write NR.

Observation table:

*When you get to your station and set up the well plates number the top corner of each box in your observation table.

	↓ K ₃ PO ₄	↓ KOH	↓ KI	↓ K ₂ C ₂ O ₄
$Co(NO_3)_2$ \rightarrow				
Pb(NO ₃) ₂ →				
CuSO ₄ →				
Fe(NO ₃) ₃ →				

Follow up questions:

- 1. Write a balanced chemical equation for the following compounds:
 - a. $Co(NO_3)_2 + K_2C_2O_4 \rightarrow$ ______
 - b. $Pb(NO_3)_2 + KI \rightarrow$
 - c. $CuSO_4$ + KOH \rightarrow ______
 - d. $Fe(NO_3)_3 + K_3PO_4 \rightarrow$
- 2. What type of reaction do you think occurred where a precipitate formed?