

Activity 2: Review of Types of Chemical Reactions - Grouping

Timing: As an introduction to Types of Chemical Reactions

Background: Students should recall these from Grade 10 but will need reinforcement. This gives the students a chance to practice their skills in identifying patterns.

Activity: The next several slides are balanced chemical reactions that are examples of the 5 main types of reactions:

1. Synthesis
2. Decomposition
3. Single Displacement
4. Double Displacement
5. Combustion

I cut these up and provide each group with a set. Their assignment is to group these reactions any way they want. Once this is done they must describe, either verbally or in writing, each group - what do you look for to be a member of each group. Only at the end to I give them the names of each type of reaction and then ask them to label each group with these labels.









