



# Choreographic Devices & Dance Structures

**Name:** \_\_\_\_\_ **Date:** \_\_\_\_\_

## Choreographic Devices:

- **Repetition:** repeating a movement to show the consistency of atoms in a reaction.
- **Inversion:** flip or reverse a movement to represent how atoms rearrange.
- **Accumulation:** Add movements one at a time to demonstrate how reactants combine.
- **Retrograde:** Perform movements backwards to symbolize the reverse of a reaction or breaking down molecules.
- **Fragmentation:** Break a movement into smaller parts to represent how a molecule breaks apart during a reaction.

*How can you use these devices in your dance moving model?*

## Dance Structure

- **AB:** create two contrasting sections, A (reactants) and B (products) to emphasize differences.
- **ABA:** Start with A, move to B, and return to A highlighting the transformation and conservation of mass.
- **Theme and variation:** Begin with a base movement (the theme) and create variations that change it, reflecting how molecules transform in different ways during a reaction.

*How can you use these structures in your dance moving model?*



# Planning Sheet

**Name:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Chemical Reaction:** \_\_\_\_\_

Choreographic device(s) [no more than two]:

*How do these devices help to show the chemical reaction?*

**Dance Structure:** \_\_\_\_\_

*How does this structure help to show the chemical reaction?*

**Notes:**



# Exit Ticket

**Name:** \_\_\_\_\_ **Date:** \_\_\_\_\_

What did you find challenging?

What did you find exciting?

What inspiration or insights are you taking away from this process?

Why is dance a helpful artistic medium for exploring chemistry concepts?