Here is information about the Torgerson Degree Layout System. This is a how-to system to map out bowling balls with Mass Bias. Click to learn more....

TORGERSON DEGREE LAYOUT SYSTEMI strongly recommend the use of the Degree Layout System to layout a bowling ball with Mass Bias. This system was created by Denny Torgersen. It is one of the easiest methods to create a variety of break point reaction strengths. The position of the Mass Bias relative to the PIN and PAP will have a great impact on the ball's reaction at the break point. Specifically, the strength of the mass bias and the positioning of the mass bias will change how strong the backend reaction can be. The PIN to PAP distances can be altered to allow for earlier roll, more flare or more length to match the layout. In addition, you should reflect on the core characteristics to match-up with the Degree Layout chosen. Remember, lower RG will roll earlier and a higher differential has the potential to flare more.

To begin, imagine an angle being constructed from the Positive Axis Point through the PIN to the Mass Bias. Here is an image illustrating the layout system. These descriptions represent what the reaction will be at the break point. Visit Denny's Pro Shop to learn more about the system. He has a document for purchase that will help you with this easy-to-use system with more in-depth discussion of the individual ball reactions created with each angle.