Grade Level : Sixth Grade
Standard: AF 1.1 Write and solve one-step linear equations in one variable

In a "perfect" program I should see:

• A Balanced Program
  o Conceptual Knowledge
  o Procedures & Computation
  o Problem Solving
o Asks students to justify each step while evaluating
o Reinforces/revisits the meaning of the equal sign (the quantity on the left side is the same as the quantity on the right)
o Reinforces/revisits the idea of balance (e.g. if I add or subtract value from one side, I must add or subtract like values from the other side to keep the equation balanced)
o Manipulatives (e.g. algebra tiles, balance scales, counters)
o Different variables being used not just the letter "n"
o Appropriate vocabulary with support and reinforcement (6 increased by n= 6 + n including revisiting vocabulary previously taught e.g. equation)
o Kinesthetic activities (e.g. having students stand in front of the class, each with a number, symbol, or variable and others come up and make the equation true)
o Graphic organizers (e.g. T-Tables)
o Students not only simplifying but also writing equations and expressions based on information given
o Practice with variation (not 40 problems that "look" the same e.g. $k \div 3 = 36$ and $6y = 12$)
o Higher level problem solving
o Mathematical reasoning embedded in all of the above (with specific questioning to help students gain a true understanding of the "why")