Congruence & Similarity with Proofs: Tips

- **KNOW PROOFS!**
    - It is very annoying to do proofs-It is a known fact about math and especially geometry! But...
    - **It is the most important concept of geometry!**
    - You will need to know how to do proofs in the rest of your math classes.
    - **Solving Proofs…**
        - **Take a step-by-step approach to it.**
        - **Look at what is given to you and what you ultimately need to prove.**
        - **Don't ever look at the problem in general… be as specific as possible (This will increase your chances of getting the problem right)**
        - **Do your best!**
- You need to **know** the congruence and similarity postulates and theorems!
    - These **postulates and theorems are what you will most likely use to prove something in a proof**!
    - It seems a bit confusing at first, but **keep on reviewing and practicing** problems and you will be a wizard at them!
- **Know how to problem solve!**
    - Geometry problems usually give you an unknown angle or side and you have to figure out what it is.
    - You have to **use all the rules that you have memorized to solve these.**
        - Example: If you are given a bisected angle and you need to find the measure of one of the sector angles, you will use the bisector theorem to figure out the angles are equal to each other.
- Don't be afraid to use Algebra in Geometry.
    - Use your **algebra skills to problem solve in geometry**!