

Name _____

GROUP PERSPECTIVE ACTIVITY

Hand in your two sketches, the measurements made for the perspective experiment, your comparison in #4 and your answer to Brunelleschi's Baptistery/Mirror trick.

Materials:

Sketch book

Pencils & Eraser

String

Two Sticks that are at least your height

Reading & Study Preparation (by Monday):

Be sure to study the one page linear perspective handout attached **and** read the article about Alberti's perspective now on reserve in the library from the book "The Renaissance Rediscovery of Linear Perspective by Samuel Edgerton, Jr.

Initial Sketch:

Go with two other people to a walkway with columns or a hallway with several doorways and spend 30 minutes making the most accurate sketch of the perspective of the walkway with columns or hallway with doorways as you can. Be sure to note down or mark exactly where you stood or sat to make your sketch. You'll need to have this information when you make measurements to use mathematics to make the same sketch.

Second Sketch - Using Measurements for Linear Perspective:

1. Take two sticks and a bunch of string out to the exact position of the walkway or hallway you sketched above. Perform the experiment shown in the picture attached. One person holds a stick marked right at the height of their eye. The string is taped to this point on the stick. Have another person hold the second stick - at the picture plane distance and the third walks down the hall with the string. At each column (or doorway) the person with the string should stop and the person with the (picture plane) stick should mark on the stick where the string intersects it.
2. Make a record of the marks on the stick. Be sure to measure the distance between marks from the bottom or top of the stick.
3. Use Alberti's method of perspective drawing in conjunction with your measurements to draw in a simple representation of your hallway or walkway including the columns or doors.
4. Compare your measured sketch to your initial sketch. What do you notice about your sketch compared to using actual measurements of perspective? What were you able to capture in your first sketch? What did you miss?

Mirrors and Perspective:

Explain how Brunelleschi's "Trompe l'oeil" worked using what you know of mirrors. Why was the success of this trick evidence of his understanding of perspective?