

# Incoming ARCH-9 Required Summer Assignment

Do all **3** assignments “TURN IN” ON TEAMS THE 2ND DAY OF SCHOOL.

1. **“ARCHITECTURAL LETTERING”** DIRECTIONS: ON A PIECE OF LOOSELEAF PAPER. PUT A HEADING WHICH WILL INCLUDE YOUR FIRST AND LAST NAME ON THE TOP LEFT. THE DATE ON THE TOP RIGHT. ARCHITECTURE-9 BELOW YOUR NAME AND MRS. BROWN BELOW THE DATE.

NAME

DATE

ARCHITECTURE-9

MRS. BROWN

**PRACTICE “ARCHITECTURAL LETTERING”** WRITE IN ALL CAPITAL LETTERS....”THE ALPHABET” FROM A TO Z, AS NEAT AS POSSIBLE USING THE LINES OF THE LOOSELEAF AS GUIDELINES FOR THE FULL HEIGHT OF ALL THE LETTERS. (The vertical part of each letter should look **VERY VERTICAL**)

FILL UP THE **ENTIRE PAGE!** SKIP EVERY OTHER LINE SO THERE IS A SPACE IN BETWEEN.

ON THE BACK: PRACTICE THE NUMBERS 0 THROUGH 9 AS NEAT AS POSSIBLE. FILL UP THE **ENTIRE PAGE!** (From left to right) SKIP EVERY OTHER LINE SO THERE IS A SPACE IN BETWEEN. Ex. 012345678901234567890123456789

2. **“ARCHITECTURAL DRAFTING TOOLS”** DIRECTIONS: RESEARCH THE LIST 1-30 BELOW. WHAT TOOLS DOES A DRAFTSPERSON USE IN ORDER TO CREATE A DRAWING?

1. **NUMBER** EACH WORD AND **BOLD** IT.

2. FIND **2 IMAGES** OF EACH WORD (How it relates to architectural drafting. Insert & Size the image so it’s not too big)

3. WRITE THE OFFICIAL **DEFINITION** OF EACH WORD BELOW THE IMAGES WITH BULLET POINT •

4. EXPLAIN **IN YOUR OWN WORDS** IN DETAIL (How you think it is used)

3. **“HOW TO READ A RULER”** DIRECTIONS: CLICK ON THE VIDEO LINK BELOW. **WATCH THE VIDEO** ON “HOW TO READ A RULER”

<https://www.bing.com/videos/search?q=How+to+Read+a+Inch+Ruler&&view=detail&mid=A007E70A198CDFC54989A007E70A198CDFC54989&&FORM=VRDGAR&ru=%2Fvideos%2Fsearch%3Fq%3DHow%2Bto%2BRead%2Ba%2BInch%2BRuler%26FORM%3DVRIBQP>

WATCH THE VIDEO ON HOW TO READ A RULER. MAKE SURE YOU PAUSE THE VIDEO WHEN YOU SEE THE DOGS PAWS. **TO DO:** ANSWER THESE 3 QUESTIONS ON A PIECE OF LOOSELEAF WITH PROPER HEADING.

- 1) WHAT ARE THE ANSWERS TO THE **4 DIFFERENT FRACTIONS/SIZES** HE ASKED YOU TO ANSWER?
- 2) WHAT IS THE NAME OF THE DOG?
- 3) WHAT IS THE NAME OF THE PERSON SPEAKING TO YOU?

## **RESEARCH "ARCHITECTURAL DRAFTING TOOLS"**

1. 45° triangle
2. 30°/60° triangle
3. Adjustable triangle (0° – 90°)
4. Paper: tracing
5. paper: vellum
6. paper: mylar
7. drafting table
8. parallel (old style: T-square)
9. drafting tape / dots
10. Eraser
11. erasing shield
12. compass
13. templates (circles, ovals, bathrooms, furniture)
14. ruler
15. architectural scale (11 scales)
16. engineering scale (for land)
17. sharpener: sandpaper pointer (for lead)
18. sharpener: rotary (for lead)
19. sharpener: hand held (for pencil)
20. sharpener: electric (for pencil)
21. drafting stool/chair
22. lead holder / clutch pencil
23. drafting leads (dark & light)
24. french curve
25. flexible curve
26. protractor
27. dusting/drafting brush
28. dry-cleaning pad (scum-x)
29. computers (AutoCAD)
30. drawing/drafting pencils (dark & light)
  - a. HB,F,H–Dark drafting (lettering, objects, borders)
  - b. 2H,3H,4H,5H,6H–Lighter drafting, higher # lighter pencil
  - c. 6B,5B,4B,3B,2B,B – Freehand sketching only, smudge easily

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