Solution

1. Once the tri-hexaflexgaons are assembled, find the letter on each of the 6 hexagons (3 per hexaflexagon).
2. With each hexagon oriented to create a pyramid, decode each to the following messages below.
3. For each line, shift the letter of the referenced encoding by the number

A: $\underline{\text { ALPHA (BACKWARDS })=" S E M A P H O R E ~ S H I F T ~ S I X " ~}=\mathrm{C}+6=9=\mathrm{I}$
B: BINARY = "PIGPEN FOURTEEN" $=\mathrm{F}+14=20=\mathrm{T}$

C: SEMAPHORE = "MORSE EIGHTEEN" = E+ $18=23=$ W

D: BRAILLE = "ALPHA ZERO" = A + O = A = A

E: MORSE = "BINARY SEVENTEEN" = B + 17 = 19 = S

F: PIGPEN FIVE = "BRAILLE FIVE" $=\mathrm{D}+5=9=\mathrm{I}$

