P4: End Of The First Day

The colors of each column are supposed to correspond to a business card which corresponds to a 3 letter answer for the puzzle that card was handed out with. Thus, for the first column, you need to use letters from the word ART. For the second column, use letters from the word YEN. For the third column, use letters from the word ICE.

BROADCASTERS	BATON	LIKEWISE
ROSEMARY	INTENSIFY	INHERITED
STRUCTURE	LINEAR	INTACT
NARROW	INTO	ESCAPE
TYPEWRITER	MOUNTAIN	CIRCULARS
CORPORAL	EXPERTLY	CYCLOPS

If you look at the back of the business cards, there are words. They seem to line up with the letters inside the cards. Thus,

ULTIMATE = K	THE = C	
TO = A	ANSWER = D	PUZZLE = A
FOUR = C		IS = I

The way to make sense of this is to first fill in the blanks at the top, starting with the blanks with triangles under them, followed by those with semicircles. If you fill them in, you should get the message: COUNT ABSENT LETTERS DECRYPT FROM TERNARY. So assign ternary values to each word based on how many of the keyword letters there are in it. For example, we see then that in ULTIMATE, the keyword is ART and there are an A and 2 T's in ULTIMATE, so the ternary value of ULTIMATE is 102 which equates to 11 or K according the code sheet. The other words all follow this pattern. (Note that you can do this using math instead of code sheet too, but for this guide, we'll keep it simple with the code sheet.)

Using this knowledge, we can find values for each of the words we filled in in the upper table:

BROADCASTERS=221=25=Y	BATON=001=A	LIKEWISE=202=20=T
ROSEMARY=120=15=O	INTENSIFY=112=14=N	INHERITED=202=20=T
STRUCTURE=022=8=H	LINEAR=011=4=D	INTACT=110=12=L
NARROW=120=15=O	INTO=001=A	ESCAPE=012=5=E
TYPEWRITER=022=8=H	MOUNTAIN=002=2=B	CIRCULARS=120=15=O
CORPORAL=120=15=O	EXPERTLY=120=15=O	CYCLOPS=020=6=F

This spells out YOHOHO AND A BOTTLE OF. This is a reference to a pirate song and its answer is our fourth 3-letter word: RUM. From the back of the fourth card, we have _ _ _ _ _ _ = Z which is 26. 26 in ternary is 222, so we must use each of the letters in RUM twice. The only word that fits this is the word **MURMUR**.