Young Tyros Newsletter
June 2013

Key Block Discipline from Down Under   *COPST - Contribution of Personal Solving Techniques

*COPST   **ZANAC**

"Keyblock discipline" was a term used by ZANAC to keep an eye on low frequency letter placements in K1 and K2 keyword alphabets. Letters occurring once or twice in the cipher construction are candidates for "b, c, j, k" at the beginning of the keyword alphabet sequence following the keyword and "v, w, x, y, z" possible candidates for the end of the alphabet sequence before the keyword. High letter (vowels) frequencies can aid in pinpointing the keyword placement. Setting up the alphabet solving table before starting the solving examination make for time-saving and tidiness and are helpful for early solvers to get into tidy and organized habits.

Free Code and Cipher Books

Cryptanalysis – Helen Gaines	*Crypto & Spygrams* – Gleason	*Codes, Secret Writing* – Gardner
Cryptography – Dwight Smith	*Find Out about Secret Codes* – Beal	*Fun with Secret Writing* - Lamb
Invitation to Cryptograms –Williams	*Secret Codes & Ciphers* – Kohn	Top *Secret* – Paul Janeczko

Twelve Years of Age and Under

Alvin's Secret Code – Clifford Hicks	*Code Crackers* – Kieran Fanning	*Secret Agent Activity Book* - Elder
Secret Codes Kit – Robert Jackson	*Secret Codes* Kit – Slinky Inc.	Spy *in Old* Philadelphia – Anne Emery

Gimme a Break – MJ Aristocrats   (may be digraphs / trigraphs)   (1) unless otherwise stated
A-1, QOOYMYVNNH, A-2, the (2), A-3, you, A-4, WISQCIBIEYTD, A-5, GCJVSLGVMVS, A-6, NPUNXHNH, A-7, that (2), A-8, no (4), A-9, th (3), A-10, new (2), A-11, that, A-12, QOBWECQDBO, A-13, ing (2), its (2), A-14, WZVJGMMVZ, A-15,the, to (2), the, A-16, that, the (2), A-17, that, the, A-18, an (3), A-19, th (2), A-20, to (2), A-21, it (3), A-22, it (3), A-23, pom (6), A-24, dis (3), A-25, and (2).

Gimme a Break - MJ Patristocrats (may be digraphs / trigraphs)   (1) unless otherwise stated
P-1, that, the (2), P-2, and 920, the (2), P-3, that, P-4, the (3), P-5, engine (2), P-6, the (3), P-7, th (4), you (2), P-8, and (2), P-9, ing (2), P-10, ducks (2), P-11, the (2), P-12, re (2), th (3), P-Sp-1, O = k , P-Sp-2, ing (2).

MA-1 Ornamental. This Spiral is Null and Void. Title reveals cipher type. (Crib = closed mind)   **LIONEL**

MA A-23. State Park. K4. (98) Southwestern, Virginia State Park   **HONEYBEE**

MA P-9. Protective gear. K4. (107/23) (JFUSYL) Baseball's catcher's equipment.   **G-MAN**

MA X-8 Italian Patristocrat. K2 Read for fun. (Comme fanno; leggere, appear twice.)   **THE DOC**

MA E-2 Homophonic. Age. (Ends: do) Tip provides first two letters of the key.   **CRUNCH**

MA E-4 Fractionated Morse. Works both ways. Extend crib to "have this in common"   **OZ**

MA E-5 Vigenere. What things are made of. (who knew) Period 11, begins "Up…."   **TSIOLKOVSKY**

MA E-10 Quagmire II, No pretty calendars? (of the month as we do) Period 6, crib position 23. **ALCHEMYST**

MA E-13 Quagmire I. Sartorial efficiency. (Shirts and sandals in his) Period 10, crib position 48.   **SCRYER**

MA E-15 Foursquare. Far away. (athenearestlarge – crib position 35) Plaintext begins, "Among the…"   **BION**

MA C-6 Cube Root. (Three words, 9-0)   **ALCHEMYST**
Only two subtrahends with three digits in the root indicate that one of the root digits equals zero. Try "D" as zero. Root digit "M" must equal five, six or nine to equal "M" in the first subtrahend. Try nine.

MA C-10 Sudoku. (Two words*) Solution in upper right hand block of three.   **TOMMY**

MA C-12 Equations. (Two words, 1-0)   **MATANZA**
A seemingly difficult problem with short equations can be simply solved. Determine why "T" must equal one and "R" must equal zero. Couple "E" with its most frequent companion and it's all downhill from there.

MA C-14 Equations. (Three words, 0-9)   **APEX DX**
Determine why "M" must be an even digit and the effect of digits 0, 2, 4, 6, and 8 on "E." The ensuing combination of "E" and "M" point out the value of "C" in the first equation. It's all downhill from there.

MJ P-11. Used many leitmotifs. Pattern word WYEYMTUHY is probably the first on your list. **WORD WIZARD**

MJ X-9 French Amsco. Navire. (toutes)   Period seven begins "Vivre…."   **COLD DUCK**

MJ E-3 Keyphrase. Homeless reptiles. (pools) Crib placement – EDDOH, begins "Dry…."   **D. STRASSE**

MJ E-6 Fractionated Morse. Horse of a different color. (purple) Begins "One form…."   **AURION**

MJ E-7 Unknown. Creative art. (business) Vigenere type, Period Seven   **CRYPTODOOD**

MJ E-8 Amsco. Watch your ecology. (most of) Period seven, begins "Cut….."   **EL CONDOR**

MJ E-10 Null. Homily. (to – 2) Not numerical. One ciphertext letter per word shape contrast. **ANCHISES**

MJ C-4 Fourth Root. (Three words, 0-1) Begins, "CL--- -- ---"   **LI'L GAMIN**

MJ C-11 Sudoku. (Two words)   Key words in last row.   **TSIOLKOVSKY**

MJ C-13 Addition. (No word, 0-9)   Begins EAR-------)   **ROKAK**

Sunny Ciphering,
                    LIONEL   cc: ACA Executive Board