

The Roberston Bobard Code

Solutions Group 2

Group	2								
Key comb	Letter	1	2	3	4	5	6	7	8
Key comb	Caesar	Y	R	E	C	E	I	C	X
Key comb	Mono	R	A	T	A	S	N	S	A
Key comb	Vigene	O	B	H	P	H	A	I	L
Key comb	Polybiu	B	O	E	S	I	H	N	A
Key comb	Freemas	A	B	B	T	P	C	T	G
Key comb	Magic S	N	D	E	S	M	E	H	E

Group	2								
word	1	2	3	4	5	6	7	8	
Caesar	EYE	GRAVITY	DISTANCE	MOON	KEY	PASSAGE	ORGANISM	CELL	
Mono	SUN	FUSION	HONEYBEE	ALIEN	CUP	EFFECT	POSTCARD	FLOOR	
Vigene	FUEL	ROBOT	TURBINE	DANGER	STAR	RADIO	HAMSTER	NATION	
Polybiu	SPACE	SHIP	PLANET	JUPITER	LIGHT	HERO	HEAVEN	LOBSTER	
Freemas	GALAXY	TEA	ORBIT	ILLUSION	LOUNGE	MAN	CHAIR	NOTEBOOK	
Magic S	REACTOR	UNIVERSE	ZONE	DOG	QUARTER	LIFEBOAT	BELL	ICE	

Group	2								
	plaintext	key	phrase						
Caesar	EY	EY	GRAVITY	RE	DISTANCE	CE	MOON	KEY	EI
Mono	SUN	FUSION	RATH	ONEY	BEE	ALIEN	CUP	AS	NE
Vigene	OB	FUEL	HROB	OTTUR	BINE	PHAD	ANGER	STAR	RADIO
Polybiu	SPACE	SHIP	PLANET	JUPITER	HN	AL	IGH	THERO	HEAVEN
Freemas	AGALAXY	TEA	BORBIT	BTILLUSION	NP	CLOUN	GETMANG	CHAIR	NOTEBOOK
Magic S	REACTOR	UNIVERSE	ENDE	ZONES	DOGM	QUARTER	RELIFE	BOATH	BELLEICE

Caesar Cipher

	Shift								
Group	2	12	Plain	ABCDEFGHIJKLMNOPQRSTUVWXYZ					
			Cipher	OPQRSTUVWXYZABCDEFGHIJKLMN					
			phrase						
			Plain	EY	EY	GRAVITY	RE	DISTANCE	CE
			Cipher	SMS	UFO	JWHM	FSRW	GHOB	QSQACCBYSMSW

Monoalph Cipher

	Keyword	Keyword used	Alphabet						
2	VOLCANOLOGISTS		Plain	ABCDEFGHIJKLMNOPQRSTUVWXYZ					
		VOLCANGIST	Cipher	VOLCANGISTBDEFHJKMPQRUWXYZ					
			phrase						
			Plain	SUNFUSIONRATHONEYBEEALIENCUPASNEFFECTSPOSTCARDAFLOOR					
			Cipher	PRFNRPSHF	MVQ	IHFAYOAAVDS	AF	LRJVPFANNALQ	PJHPQLVMCVNDHMM

Vigenere Cipher

Keyword	plaintext key phrase
2 ZOMBIE	Keyword ZOMBIEZOMBIEZOMBIEZOMBIEZOMBIEZOMBIEZOMBIEZOMBIEZOMB
	Plaintext OBFUELHROBOTTURBINEPHADANGERSTARRADIOHAMSTERILNATION
	Ciphertext NPRVMPGFACWXSIDCQRDDTBLEMUQSAXZFDBLMNVMNAXDFUMVESWAO

Polybius Squ Cipher

G r		Alphabet																						
Pla	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2 in	U	V																						
Cip	11	12	13	14	15	21	22	23	24	25	31	32	33	34	35	41	42	43	44	45	51	52		
her	53	54	55																					

phrase

S P A C E B S H I P O E P L A N E T S I J U P I T E R H N A L I G H
T H E R O H E A V E N L O B S T E R

5244152224215232334443244435154224535233335444335324513242153533313
2533224514332241555244235432152532451

Freemason CIPHER

Gr 2	Plain	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
	Cipher	┐	┑	┒	┓	└	┕	┖	┗	┘	┙	┚	┛	├	┝	┞	┟	┠	┡	┢	┣	┤	┥	┦	┧	┨	┩

AGALAXYTEABORBITBTILLUSIONPCLOUNGETMANGCHAIRNOTEBOOK
 0<0.00<f000.c><f<>.l.v>00.7.c.a0<f<.00<70>.00<f000.

Magic Squa Cipher

Full Magic Square

30	39	48	1	10	19	28
38	47	7	9	18	27	29
46	6	8	17	26	35	37
5	14	16	25	34	36	45
13	15	24	33	42	44	4
21	23	32	41	43	3	12
22	31	40	49	2	11	20

Empty Magic Square

30	39	48	1	10		28
38	47	7	9	18	27	
	6		17		35	37
5		16	25	34	36	45
13	15		33	42	44	4
21	23	32		43	3	12
22	31	40	49		11	20

phrase Square

REACTORUNIVERSENDEZONESDOGMQUARTERELIFEBOATHBELLEICE

A	E	L	R	I	Z	Q	
F	L	R	N	E	M	U	
E	O	U	D	G	E	I	
T	S	N	O	R	L	B	
R	E	D	E	A	H	C	
N	S	T	O	T	A	E	
E	R	B	E	E	V	O	ICE