

# The Roberston Bobard Code

## Solutions Group 8

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

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

Group	8								
		plaintext	key	phrase					
Caesar		ICEE	REACTORND	UNIVERSE	EEZ	ONEDOGSM	QUARTEREH	LIFEBOAT	BELL
Mono		NOTEBOOK	GALAXYGAB	TEAORBIT	ILLUSIONB	TPLOUNGEC	MANTCHAIR		
Vigene		ABLOBSTER	OSPACESHIP	ESIPLANET	JUPITERLI	GHTHEROHN	HEAVEN		
Polybiu		NATIONLFUE	LOBROBOTH	PTURBINE	HAIDANGER	STARRADIO	HAMSTER		
Freemas		AFLOORSUN	RNFUSIONA	THONEYBEE	ASALIENNC	UPSEFFECT	POSTCARD		
Magic S		CELLEYEXY	RGRAVITYE	DISTANCEC	MOONEKEY	IPASSAGEC	ORGANISM		

### Caesar Cipher

		Shift							
Group	8	18	Plain	ABCDEFGH	IJKLMNOP	QRSTUVWXYZ			
			Cipher	IJKLMNOP	QRSTUVWXYZ	ABCDEFGH			
		phrase							
		Plain	ICEE	REACTORND	UNIVERSE	EEZ	ONEDOGSM	QUARTEREH	LIFEBOAT
		Cipher	QKMM	ZMIKBWZ	VLCVQDM	ZAMMHWV	MLWOAUY	CIZBMZ	MPTQNMJWIBJMTT

### Monoalph Cipher

		Keyword		Keyword used		Alphabet			
8		ZOMBIFICATIONS		ZOBIFCATNS		Plain	ABCDEFGH	IJKLMNOP	QRSTUVWXYZ
						Cipher	ZOBIFCATNS	DEGHJKLMP	QURUVWXY
		phrase							
		Plain	NOTEBOOK	GALAXYGAB	TEAORBIT	ILLUSIONB	TPLOUNGEC	MANTCHAIR	
		Cipher	HJQFOJ	JDAZEZWX	AZQZFZJ	MONQNEER	PNJHOQKE	JRHAFBGZ	HQBTZNM

## Vigenere Cipher

	Keyword	plaintext key phrase
8	RITUAL	Keyword RITUALRITUALRITUALRITUALRITUALRITUALRITUALRITUALRITU
	Plaintext	ABLOBSTEROSPACESHIPESIPLANETJUPITERLIGHTHEROHNHEAVEN
	Ciphertext	RJEIBDKMKISARKXMHTGMLCPWRVXNJFGQMYRWZOANHP IWAHHPRDXH

## Polybius Squ Cipher

Gr 8	Plain Cipher	Alphabet																									
		G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D		
		E	F																								
		11	12	13	14	15	21	22	23	24	25	31	32	33	34	35	41	42	43	44	45	51	52				
		53	54	55																							
		phrase																									
		N A T I O N L F U E L O B R O B O T H P T U R B I N E H A I D A N G																									
		E R S T A R R A D I O H A M S T E R																									
	2245331323221555345415235131235123331224333431511322541245135345221																										
	1543132334531314553132312452132335431																										

# Freemason Ciphers

Gr	8 Plain	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J
	Cipher	┐	└	┌	┘	┙	┚	┛	├	┝	┞	┟	┠	┡	┢	┣	┤	┥	┦	┧	┨	┩	┪	┫	┬	┭	┮

AFL00RSUNRFUSIONATHONEYBEEASALIENNCPUPSEFFECTPOSTCARD  
 3F.4000T<37F.<F.A000.V<00F.0G0.0F.3UA.F00F.<0F.0.F.0F.0V00F.V00F.0

# Magic Squa Cipher

## Full Magic Square

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

### Empty Magic Square

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

phrase Square

CELLEYEXYRGRAVITYEDISTANCECMOONEKEYIPASSAGECORGANISM

C	K	Y	A	Y	N	C	
V	S	I	G	A	Y	N	
I	O	M	L	O	R	P	
E	E	E	R	G	E	E	
E	X	S	T	A	N	E	
A	S	R	T	E	O	A	
C	C	L	Y	G	I	D	ISM