

Hints so far (Gladly provided by Sean)

1. The middle and bottom screen on page 1 is a keyword that's been encrypted (Use the word on the top screen on page 2 to decrypt that keyword)
2. No Edgework Required
3. Like previous modules, top screen (page 1) shows encrypted word. Which will be transformed using mid, then bottom screen page 2
4. Bottom screen will hint at a method needed to decrypt encrypted word
5. Middle screen (PAGE 2) shows numbers depending on length of string
6. Max 6, Min 2
7. Bottom Screen first 2 numbers = method to create 3rd number
8. First 2 numbers in range of 3 and 60
9. Some numbers are ignored (31 47 55 59)
10. 3rd number can be any number depending on first 2
11. Top screen (PAGE 2) is always 3 letters long
12. Middle and bottom screen (PAGE 1) will be 6 characters long

I added the keyword answers, have fun I'm going to bed:

Example Modules

CVLAXT	AQK
060966	2143
316073	23 <-- 9 = 55

Ans: ZIPPED

2 1 4 3

LC TX

AV

LCTXAV

060966 & 316073 & AQK = ??????

06 09 66 31 60 73

ABCDEFGHIJKLMNPQRSTUVWXYZ
QRSTUVWXYZABCDEFGHIJKLMNP
JKLMNOPQRSTUVWXYZABCDEFGHIJ
FIXURE

LCTXAV ← FIXURE = ZIPPED

FIXURE ← VCALTX = ZIPPED

UOQTWE LNO
333116 123
034244 9 NOR 19 = 36
Ans: WAGERS

1 2 3
UQW
OTE
UQWOTE

333116 & 034244 & LNO = TRANCE

LMNOPQRSTUVWXYZABCDEFGHIJK
NOPQRSTUVWXYZABCDEFGHIJKLM
OPQRSTUVWXYZABCDEFGHIJKLMN

TRANCE

UQWOTE NOR TRANCE = WAGERS

JTCJCU VWF
740969 2413
560878 50 NAND 27 = 45
Ans: PILLOW

740969 & 560878 & VWF = ??????

2413
TCJJ
CU

TCJJCU NAND ?????? = PILLOW

XFOYPQ UYG
310750 641235
556671 43 --> 48 = 52
Ans: MOTHER

UVWXYZABCDEFGHIJKLMNOPQRST
YZABCDEFGHIJKLMNOPQRSTUWX
GHIJKLMNOPQRSTUWXYZABCDEF

CAVITY

310750 & 556671 & UYG = CAVITY
QYXFOP → CAVITY = MOTHER
110010 → 110101 = 111101

ZEJADF KDK
466902 142356
046343 50 <- 23 = 58
Ans: HEALTH

466902 & 046343 & KDK = WALNUT

KLMNOPQRSTUVWXYZABCDEGHIJ
DEFGHIJKLMNOPQRSTUVWXYZABC
KLMNOPQRSTUVWXYZABCDEGHIJ

ZAEJDF ← WALNUT = HEALTH

SN=1A1AA1 no widgets, 6 modules:
NOSQTM NIA
405301 1342
617152 38 XOR 37 = 3

100110
100101
000011

Answer: Lawyer
405301 + 617152 + NIA = VANISH
40 53 01 61 71 52
VANISH

NOPQRSTUVWXYZABCDEFGHIJKLM
IJKLMNOPQRSTUVWXYZABCDEFGHIJKLM
ABCDEFGHIJKLMNOPQRSTUVWXYZ

1342

NOSQ

TM

NTQOMS?

1342

NQMS

OT

NQMSOT + VANISH + XOR = LAWYER??

FPAQNB VBB

193418 12

276330 54 NAND 56 = 15

Answer: Harden

193418 + 276330 + VBB = NIMBLE

19 34 18 27 63 30

S H R A K D

N I M B L E

VWXYZABCDEFGHIJKLM NOPQRSTUVWXYZ

BCDEFGHIJKLMNOPQRSTUVWXYZA

BCDEFGHIJKLMNOPQRSTUVWXYZA

12

FQ

PN

AB

FQPNAB

FQPNAB + NIMBLE + NAND = HARDEN??

SMPFYA DZC

576578 12
390270 25 <- 30 = 57
011001
011110
111001

Answer: Unwave

576578 + 390270 + DZC = GOLET

1 2
SM
PF
YA
1 2
SF
MY
PA
SFMYP A + GOLET + <= = UNWAVE

DOZVET DQQ
101232 42513
066755

42513
VOTDZ
E

VOTDZE + MOVIES + NOR = DEPTHS

DQQ 42513 53 NOR 34 = 8

Answer: Depths

101232 + 066755 + DQQ = MOVIES

DCNCCC QUU
724171 1432
602263 38 NOR 11 = 16

D CNC
C

QRSTUVWXYZABCDEFGHIJKLMNOP
UVWXYZABCDEFGHIJKLMNOPQRST
UVWXYZABCDEFGHIJKLMNOPQRST
NIMBLE

Answer: Voodoo
724171 + 602263 + QUU = NIMBLE

GAVNCB PMB
272907 156342
495670 26 XNOR 28 = 57

72 41 71 60 22 63
T O
U U

GCBVNA + MOVIES + XNOR = KINDLE

Answer: Kindle
272907 + 495670 + PMB = MOVIES

TOASZL HMR
532064 4312
482413 48 AND 17 = 16

Answer: HEREBY

ZATOLS + RACHET + AND = HEREBY

532064 + 482413 + HMR = RACHET
4 3 1 2
Z A T O
L S
ZATOLS (decoding rather than encoding)

OEZAQF MOY
621502 235416
426659 3 AND 9 = 1

MNOPQRSTUVWXYZABCDEFGHIJKLM
OPQRSTUVWXYZABCDEFGHIJKLMN
YZABCDEFGHIJKLM NOPQRSTUVWXYZWX

OEZAQF
235416

EZQAOF

0011
1001

0001

EZQAOF AND
HANDLE

SHAKEN

ECWPNY HIE
193348 21
572022 9 XNOR 35 = 21

21
PE
NC
YW

PENCYW

IJKLMNOPQRSTUVWXYZABCDEFGHIJKLM
IJKLMNOPQRSTUVWXYZABCDEFGHIJKLM
EFGHIJKLMNOPQRSTUVWXYZABCD

ZODIAC

PENCYW XNOR
ZODIAC

ZDWAGF YWV
105871 21453
064262 7 AND 10 = 2

YZABCDEFGHIJKLM NOPQRSTUVWXYZ
WXYZABCDEFGHIJKLM NOPQRSTUVWXYZ
VWXYZABCDEFGHIJKLM NOPQRSTUVWXYZ

21453
DZGFA
W

DZGFAW
HANDLE

THINKS

BIOUCP LAI
167411 21345
537331 12 NOR 23 = 32

21345
IBUCP
O

IBUCPO

LMNOPQRSTUVWXYZ ABCDEFGHIJK
ABCDEFGHIJKLM NOPQRSTUVWXYZ
IJKLMNOPQRSTUVWXYZ ABCDEFGH

IBUCPO NOR
ADVICE

UNWOVE

XOFJDE ABL
363930 1342
017144 51 XNOR 6 = 10

1342
XJEF
OD

XJEFOD XNOR KNEADS = PLANET
ABCDEFGHIJKLM NOPQRSTUVWXYZ
BCDEFGHIJKLMNOPQRSTUVWXYZA
LMNOPQRSTUVWXYZABCDEFHIJK

PLANET

DOGNFA UZH
073102 123
153076 43 AND 48 = 32

UVWXYZABCDEFHIJKLMNOPQRST
ZABCDEFGHIJKLM NOPQRSTUVWXYZ
HIJKLMNOPQRSTUVWXYZABCDEF

DOGNFA
123
DGF
ONA

DGFONA
ADVICE

TINGLE

ISZCDE MPZ
221567 12
414958 54 XOR 5 = 51

MNOPQRSTUVWXYZABCDEFHIJKL
PQRSTUVWXYZABCDEFHIJKLMNO
ZABCDEFGHIJKLM NOPQRSTUVWXYZ

12
IC
SD
ZE

ICSDZE
HANDLE

YOUTHS

BYCKTB XTG
110460 35124
765877 41 XOR 58 = 19

CBBYT
K

CBBYTK

XYZABCDEFGHIJKLMNOPQRSTUVWXYZ
TUVWXYZABCDEFGHIJKLMNOPQRS
GHIJKLMNOPQRSTUVWXYZABCDEFGHI

CBBYTK
HANDLE
100101
010001
110100
INFORM

QOUXRA NTB
311263 312
487056 60 XOR 57 = 5

JACKET

Step 1:
ScopingLandscape:
Take the middle and the bottom screen of page 1, and divide it into pairs. Write the middle screen first, then the bottom screen.
You make 3 alphabets and stack them, one on top of the other
Then, you shift it so that the first letter of each alphabet spells out the 3-letter key.
You count it, starting from the first alphabet, with the first one being 1. Then you move to the

next alphabet, with the first one being 27. Then you move to the last alphabet, with the first one being 53.

Ex:

584720

073159

PAL

58 47 20 07 31 59

PQRSTUWVXYZABCDEFGHIJKLMNO
ABCDEFGHIJKLMNOPQRSTUVWXYZ
LMNOPQRSTUVWXYZABCDEFGHIJKLM

58 47 20 07 31 59 = QUIVER

Step 2: Incomplete Columnar Transposition

Take numbers and underneath it, put 6 dashes so that it fits in the columns of the numbers.

Ex:

12 123 1234 12345 123456

-- --- ---- -----

-- --- -- -

--

Then, take the encrypted word from the top screen on page 1 and fill out the rows under the numbers in ascending order. Finally read the letters in reading order to get your new enciphered word. (Decoding using incomplete columnar transposition)

STEP 3: Logic Cipher

XMASTER6726: There is a logic gate that fills in the ? space of the 3 numbers. To figure it out, convert the 3 numbers to a 6-digit binary number. Using this table to figure out which logic operator it's using:

Kavinkul: Use the keyword that you received from step 1, the encrypted word received from step 2, and use the logic gate from earlier to determine the logic value to be used for each letter in the enciphered:

Assign the bit of Alphabets with even position (B D F) to be 0, and odd position (A C E) to be 1 to each letter in each word. Putting the bits of enciphered word to the left and keyword to the right, with the logic obtained in the middle:

ICSDZE XOR HANDLE = 111001 XOR 010001 = 101000

Then, use each letter of the enciphered word along with the logic value of the result in the same position in the word, find the letter in the correct column and read the leftmost column to get unencrypted letter. (I - 1 => Y, C - 0 => O, S - 1 => U, D - 0 => T, Z - 0 => H, E - 0 => S)

Left Bit	Right Bit	AND	OR	XOR	\rightarrow	NAND	NOR	XNOR	\leftarrow
0	0	0	0	0	1	1	1	1	1
0	1	0	1	1	1	1	0	0	0
1	0	0	1	1	0	1	0	0	1
1	1	1	1	0	1	0	0	1	1

LCTXAV \leftarrow FIXURE = ZIPPED
 XJEFOD XNOR KNEADS = PLANET

Letter	True (1)	False (0)	Letter	True (1)	False (0)
A	E	Q	N	B	F
B	H	L	O	Y	C
C	U	Y	P	T	X
D	N	V	Q	K	M?
E	A	O	R	P	T
F	R	B	S	W	E

G	O	W	T	X	D
H	F	Z	U	S	I
I	C	G	V	D	P
J	V	R	W	M	U
K	G	A	X	Z	H?
L	J	N	Y	I	S
M	Q	K	Z	L	J

Letter	True (1)	False (0)
A	E?	Q?
B		L?
C		
D	N?	V?
E	A?	O?
F		B
G	O?	W?
H	F?	Z?
I	C?	G?
J		
K	G?	A?
L	J?	N?

M		K
N	B?	F?
O	Y	C
P	T?	X?
Q		
R	P?	T?
S	W?	E?
T		D?
U	S	I
V		P?
W	M?	U?
X		
Y	I	S?
Z	L?	